Appendix E, Attachment B – Engineering – Assessment of Alternatives

Environmental Statement
East-West Arterial Extension:
Section 2 (Woodland Drive – Lookout Road)
Section 3 (Lookout Road – Frank Sound Road)

Engineering FINAL

Assessment of Alternatives
Grand Cayman East-West Arterial Extension

NRA
NATIONAL ROADS AUTHORITY

May 23, 2024

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List of Terms

AASHTO	American Association of State Highway and Transportation Officials
BRT	Bus rapid transit
CAPEX	Capital Expenditure
CSF	Critical Success Factor
EWA	East-West Arterial
KM	Kilometre
KPH	Kilometres Per Hour
MPH	Miles per Hour
NACTO	National Association of City Transportation Officials
NRA	National Roads Authority
PV	Photovoltaic
ROW	Right of Way
ToR	Terms of Reference
UK	United Kingdom
US	United States
WebTAG	UK Department for Transport “Transport Analysis Guidance”

1. Introduction

The East-West Arterial (EWA) Extension Environmental Impact Assessment (EIA) is proposed to evaluate an alternative east-west travel route on Grand Cayman. The Terms of Reference (ToR) for the proposed EWA Extension EIA was finalized on April 4, 2023. Since then, five Build alternatives (B1, B2, B3, B4, and C1), in addition to the No-Build scenario were developed and assessed as part of the Longlist Evaluation. A separate Longlist Evaluation Document has been prepared to document this analysis.

As a result of the Longlist Evaluation four Build alternatives (B1, B2, B3 and B4) and the No-Build scenario were advanced to the shortlist evaluation process and Alternative C1 was dismissed. Based on the technical discipline studies, it was determined that Alternative B4 would not meet a number of the identified Critical Success Factors (CSFs) without resulting in significant impacts to properties and resource features along this route. See **Section 2.5: Alternative B4** for additional information. Due to these considerations Alternative B4 was not further evaluated within this Engineering Evaluation Report.

This report focuses on the engineering for the No-Build scenario and the remaining three Build alternatives B1, B2, and B3. Information from this report will be incorporated within the Shortlist Alternatives Evaluation Document and Environmental Statement.

2. Shortlist of Alternatives

This Engineering Evaluation Report presents the engineering features which have been evaluated in developing the shortlisted alternatives. These features include design criteria, typical sections, roadway profiles, bridges, utilities, and potential future features. Also included for each of the alternatives is information on cost estimates and constructability.

The level of detail/design that was developed and evaluated for this analysis represents conceptual design prepared at approximately 10% of the design necessary for construction plans. 10% design determines the design criteria and includes a high-level analysis of preliminary horizontal and vertical geometry and typical sections for the roadway & bridges. Preliminary 3D modelling of the corridor is also completed to help determine preliminary excavation volumes and impacts. This analysis provides enough detail to estimate costs and approximate property & environmental impacts. As a result of the comprehensive Shortlist Evaluation a Preferred Alternative will be selected and the engineering design for the Preferred Alternative will be further advanced to approximately 30%. A Preliminary 30% Plan Set will be developed and resulting impacts will be further analysed and the results documented in the Environmental Statement that will be prepared for this project.

The Shortlist of Alternatives contained in this Engineering Evaluation Report includes the No-Build scenario and three Build alternatives (B1, B2, and B3) as shown in **Figure 1**. A brief description of the elimination of Alternative B4 from the Shortlist of Alternatives is included within **Section 2.5: Alternative B4**. As shown in **Figure 1,** the three Build alternatives all share the same common section (Section 2) beginning at the western terminus of the EWA Extension near Woodland Drive and continuing east to near Lookout Road. They also share the same

common improvements to the local roadway network referred to as the Will T Connector. The following sections describe the features included in each of these alternatives.

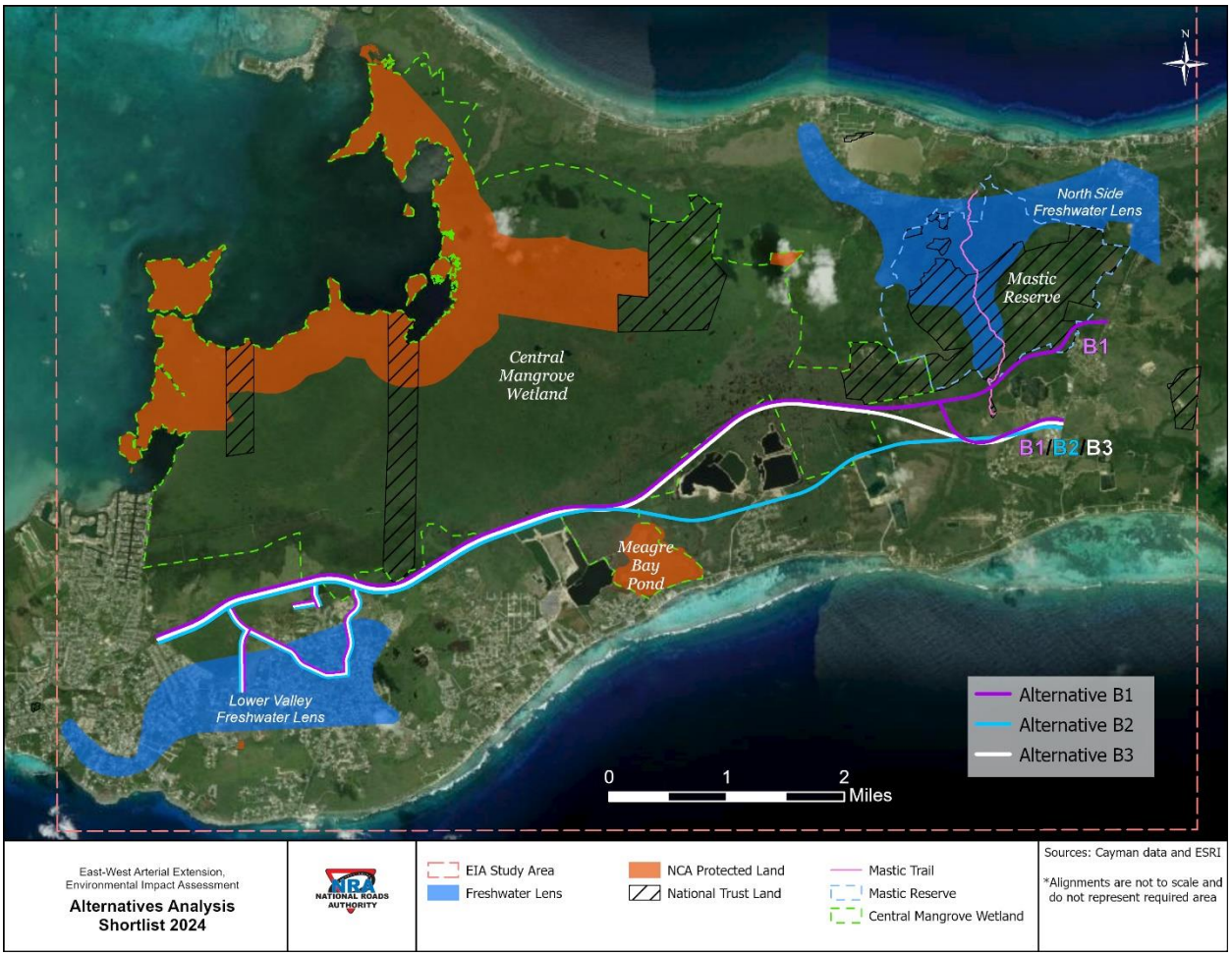


Figure 1: Shortlist of Build Alternatives

2.1 Planned Future Roadway Infrastructure (No-Build Scenario)

The Planned Future Roadway Infrastructure (No-Build scenario) includes the following:

- Included as a benchmark from which to evaluate and compare the impacts of other alternatives; the difference between No-Build and Build conditions is that the Build conditions will include the proposed project-specific alternatives.
- Encompasses future year land use and roadway improvement assumptions within and around the project study area. Future land use reflects the growth in population, households, and employment. Roadway improvements include projects that will provide additional traffic capacity (e.g., new alignment or widening – additional travel lanes) or provide an improvement in operations (e.g., new intersection, signalization, etc.).
- Includes planned improvements to the island's roadway network independent of Alternatives B1, B2, and B3. These planned improvements have been included as part of future year traffic evaluations and hydrologic modelling but not evaluated for

environmental or social impact as the Cayman Islands Government is planning these improvements as independent projects.

2.2 Alternative B1

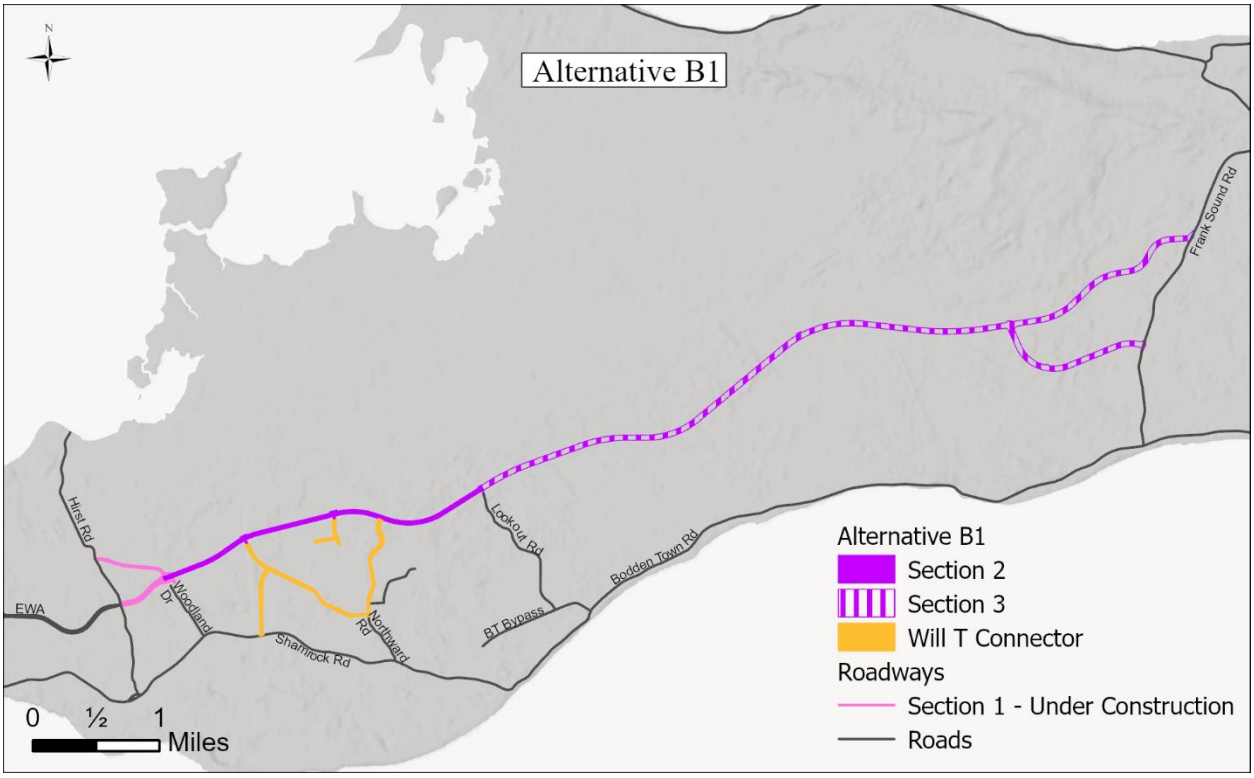


Figure 2: Alternative B1

Alternative B1, shown in **Figure 2**, was developed to follow the corridor that was gazetted by the by the National Roads Authority (NRA) as published in the Cayman Islands Gazette, Extraordinary Supplement, Number 13/2005 in May 2005, in accordance with Section 25 of the Roads Law (2000 Revision), now Section 26 under the Roads Law (2005 Revision). The western limit for Alternative B1 begins at the terminus of Section 1 of the EWA (currently under construction) near Woodland Drive and travels east with the construction of a new roadway for approximately 8 miles (13 km) to Frank Sound Road. As shown in **Figure 2**, Alternative B1 includes two segments of new roadway with two separate connections to Frank Sound Road.

Also shown in **Figure 2**, Alternative B1 is made up of two sections including Section 2, which is located from Woodland Drive to Lookout Road and Section 3, located from Lookout Road to Frank Sound Road. It also includes a series of roadway improvements described as the Will T Connector. Section 2 is the same for all Build alternatives and all Build alternatives also include the Will T Connector improvements.

Following the Longlist Evaluation, additional information was collected on the environmental and man-made features throughout the study area. As a result, the location of segments of Alternative B1 were shifted slightly to the south in the Northward area and other areas to avoid impacts to National Trust owned Central Mangrove Wetland parcels and Mastic Reserve parcels. In addition, the location of Alternative B1 was also shifted slightly north in areas to avoid encroachment on

active quarries. Figures showing the originally gazetted corridor and the modifications made to Alternative B1 can be found in **Attachment A**.

The proposed corridor width for the primary east-west corridor of Alternative B1 is 220-feet (67 m). This corridor width allows for the area needed to accommodate a variety of features including roadway travel lanes and shoulders, transit transportation lanes, a pedestrian sidewalk, a micromobility path, lighting, utilities, and a solar panel canopy. The transit transportation lanes, lighting, utilities, and solar panel canopy are not within the ambit of the NRA and their inclusion within the corridor is dependent on the appropriate responsible entity. This corridor width also allows for elevating the roadway vertical profile (**Attachment F**) from the existing ground profile to accommodate a roadway surface elevation above the chosen parameter of a 50-year storm event. Further information on roadway profiles is included in **Section 4.3: Roadway Profiles** of this report.

An anticipated timeline has been established for the number of travel lanes needed to accommodate the projected traffic volumes for each of the Build alternatives. Traffic data utilized to support engineering design criteria was developed for the EWA EIA project as part of the Traffic Evaluation. Additional information regarding the traffic volumes and analysis is contained in the Traffic Evaluation Technical Report.

In addition, the timeline also includes the time anticipated for possibly adding additional features within the Build alternative corridors. This tentative component timeline was developed for both Sections 2 and 3 as shown in **Tables 1** and **2** for analytical purposes only; it will be further re-assessed and refined in the Preferred Alternative. Any component can be installed in an earlier or later build phase based on development and needs.

Table1: Alternatives B1, B2, and B3 – Section 2 Timeline for Components

Typical Section Components	2026	2036	2046	2074 – Core Scenario
Number of Travel Lanes	2	2	4	4
Number of Dedicated Transit Lanes		2	2	2
Sidewalk		✓	✓	✓
Micromobility Path		✓	✓	✓
Utilities*		✓	✓	✓
Highway Lighting*	✓	✓	✓	✓
Solar Panel Canopy *			✓	✓

**Note that these features are outside of the ambit of the NRA. The NRA will provide the ability for the corridor to accommodate these features.*

Table 2: Alternatives B1, B2, and B3 – Section 3 Timeline for Components

Typical Section Components	2026	2036	2046	2074 – Core Scenario
Number of Travel Lanes	2	2	2	4
Number of Dedicated Transit Lanes		2	2	2
Sidewalk			✓	✓
Micromobility Path			✓	✓
Utilities*		✓	✓	✓
Highway Lighting*	✓	✓	✓	✓
Solar Panel Canopy*			✓	✓
**Note that these features are outside of the ambit of the NRA. The NRA will provide the ability for the corridor to accommodate these features.*				

As shown in **Table 1** and **Table 2** above, the construction of the corridor is anticipated to occur in phases throughout the horizon year (2074). The initial 2026 corridor is anticipated to include 2 travel lanes, one in each direction (**Figure 3**) for both Section 2 and Section 3. Each section will include highway lighting.

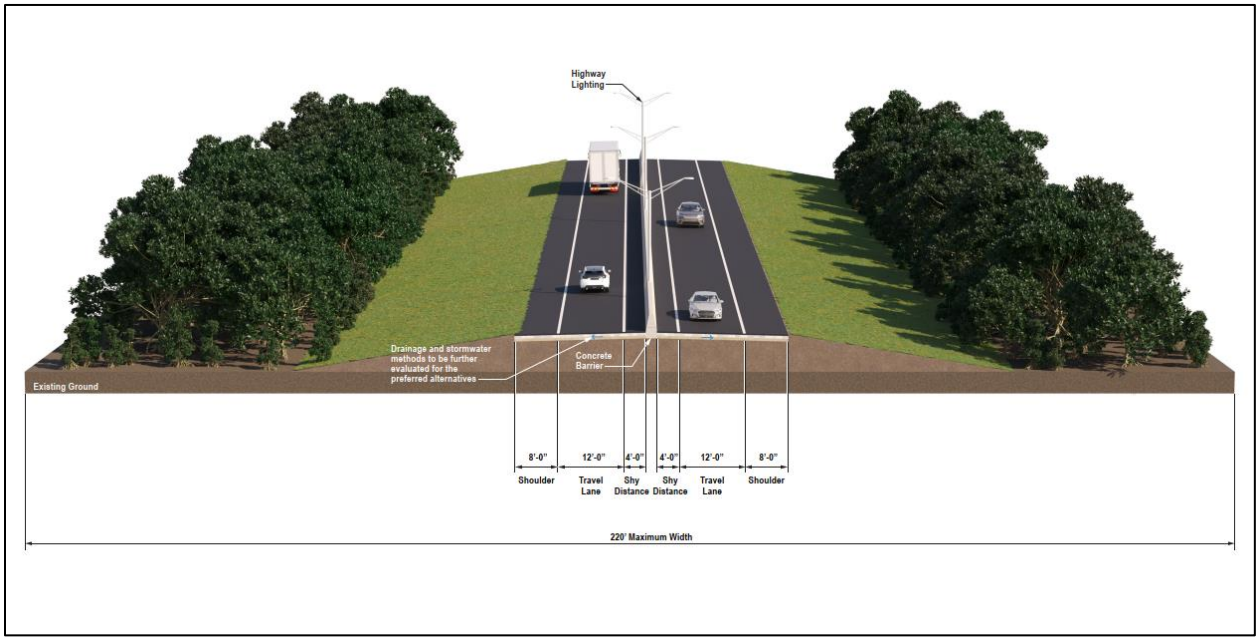
For Section 2, additional features anticipated within the corridor in year 2036 include dedicated bus lanes, sidewalk, micromobility path, utilities, and highway lighting (**Figure 4**). In 2046 additional features within the corridor are anticipated to include additional travel lanes and solar panel canopy (**Figure 5**). No additional features are anticipated in 2074 (**Figure 6**).

For Section 3, additional features anticipated within the corridor in year 2036 include dedicated bus lanes, utilities, and highway lighting (**Figure 4**). In 2046 additional features within the corridor are anticipated to include sidewalk, micromobility path, and solar panel canopy (**Figure 5**). In 2074 additional features within the corridor are anticipated to include additional travel lanes (**Figure 6**). As mentioned above, these component timelines will be re-assessed and possibly revised for the preferred alternative.

Typical sections showing the anticipated progression of the needed number of travel lanes and the possible addition of the other identified features for Alternatives B1, B2, and B3 are shown in **Figures 3, 4, 5,** and **6**. Larger size versions of these Figures are included in **Attachment B** of this report. For the shortlist analysis the typical sections were developed with a conservative approach with regards to property and environmental impact. For example, the roadway fill slope embankments (known as a "foreslope") beyond the roadway pavement edges are shown at a 1V:6H slope which is a flatter slope that is considered to recoverable (meaning ability to control vehicle steering) and traversable by a vehicle. A vehicle that leaves the roadway can typically recover and traverse slopes between 1V:6H to 1V:4H. A non-recoverable foreslope is defined as one that is traversable, but from which most vehicles are unable to stop or to return to the roadway easily. Embankment slopes between 1V:4H to 1V:3H are considered non-recoverable and vehicles traversing them typically can be expected to reach the bottom of the slopes. Embankment slope and height are 2 factors that need to be considered in determining barrier requirements. Roadways with higher volumes of traffic that have a steep embankment slope may require roadside barrier

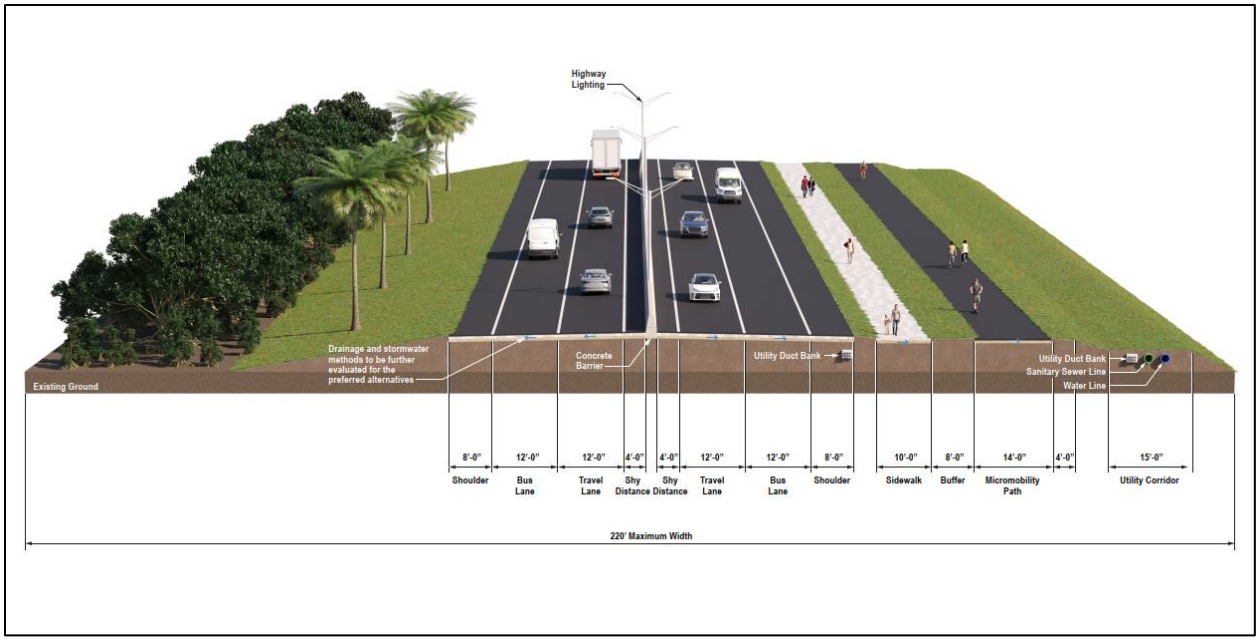
protection depending on the height of embankment. As the project advances to 30% design and beyond the roadway section may be refined to lessen impact without sacrificing safety.

In addition to revising fill slopes, typical section component locations will be re-evaluated for the preferred alternative. As more data comes available and the sidewalks, micromobility trails and utility corridor locations will be evaluated to provide the optimum and safest locations access these features.

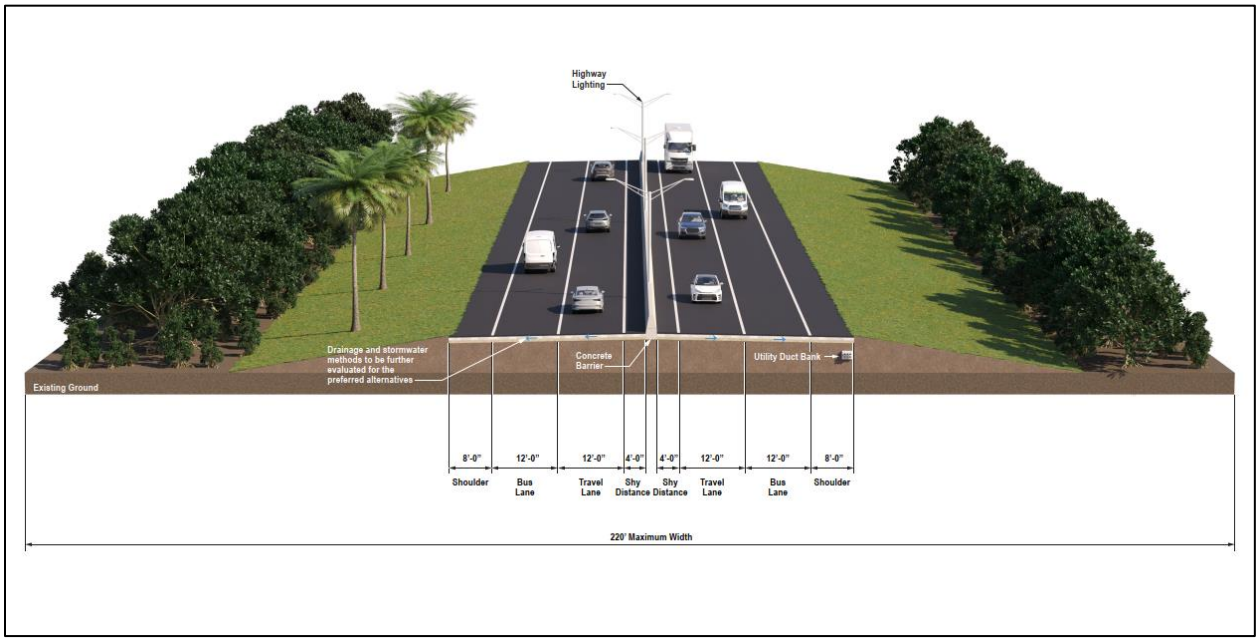


Alternatives B1, B2, and B3 – Sections 2 and 3 (Woodland Drive to Frank Sound Road)

Figure 3: Year 2026 – Typical Sections

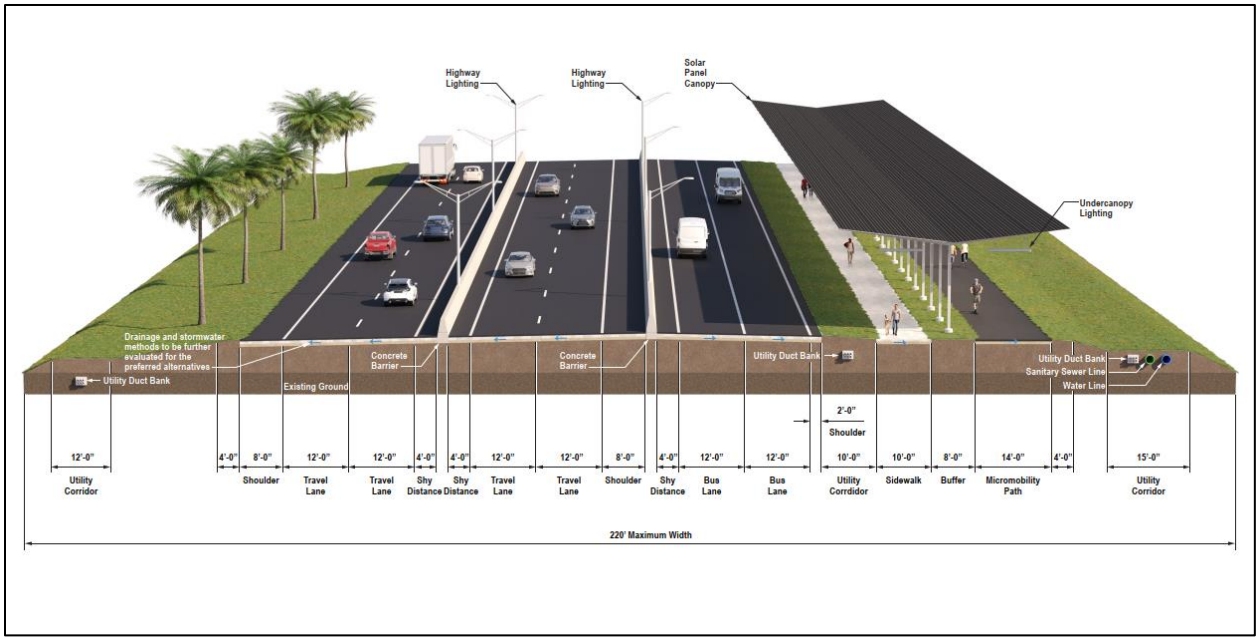


Alternative B1, B2, and B3 – Section 2 (Woodland Drive to Lookout Road)

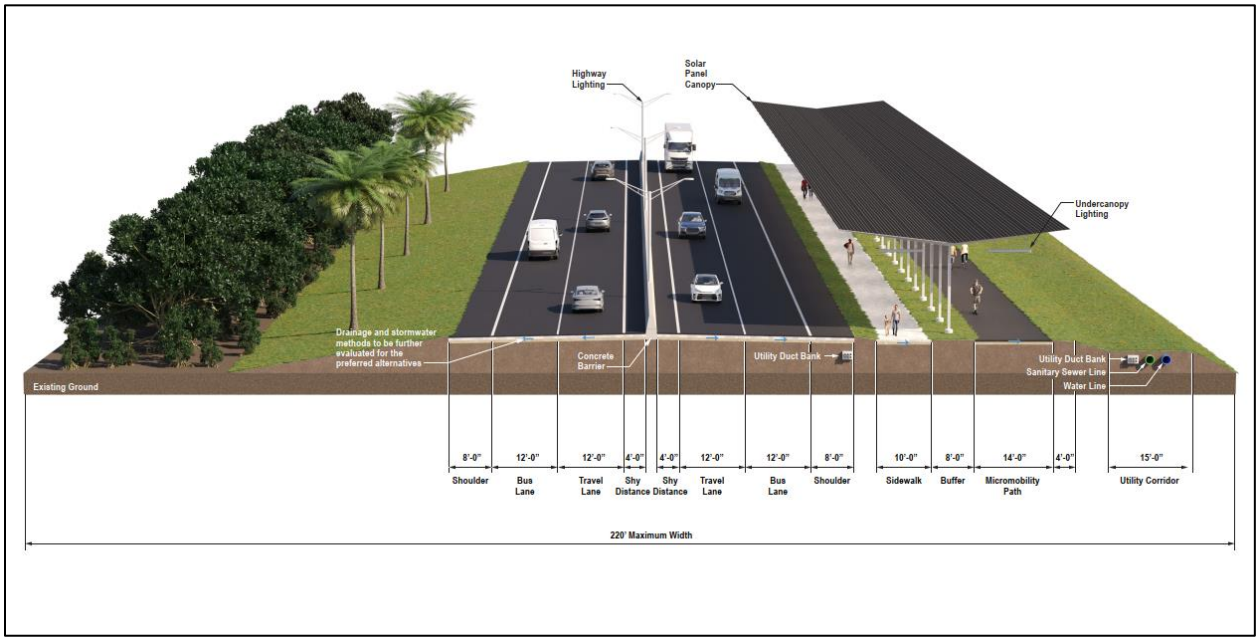


Alternative B1, B2, and B3 – Section 3 (Lookout Road to Frank Sound Road)

Figure 4: Year 2036 – Typical Sections

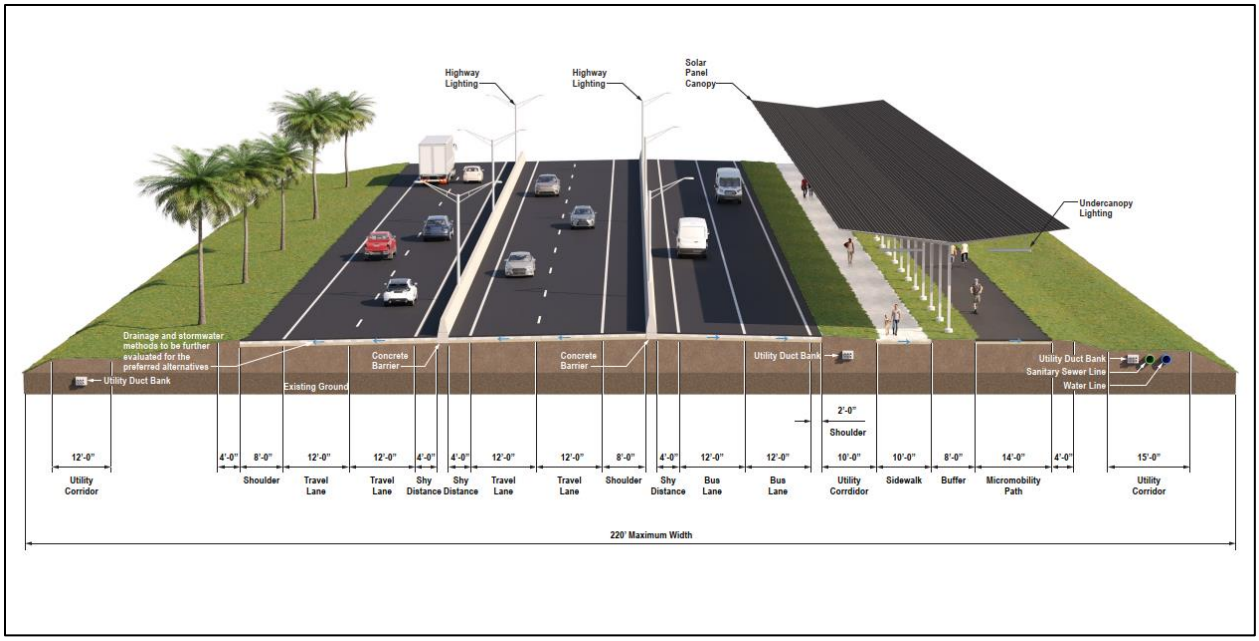


Alternatives B1, B2, and B3 – Section 2 (Woodland Drive to Lookout Road)



Alternatives B1, B2, and B3 – Section 3 (Lookout Road to Frank Sound Road)

Figure 5: Year 2046 – Typical Sections

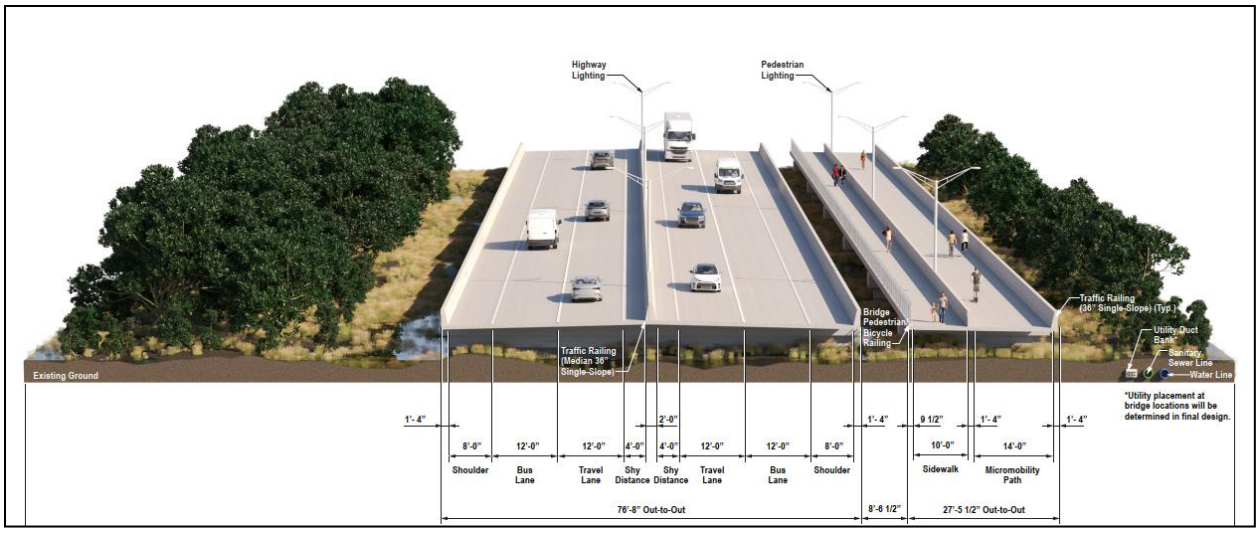


Alternatives B1, B2, and B3 – Section 2 (Woodland Drive to Lookout Road)
Alternatives B1, B2, and B3 – Section 3 (Lookout Road to Frank Sound Road)

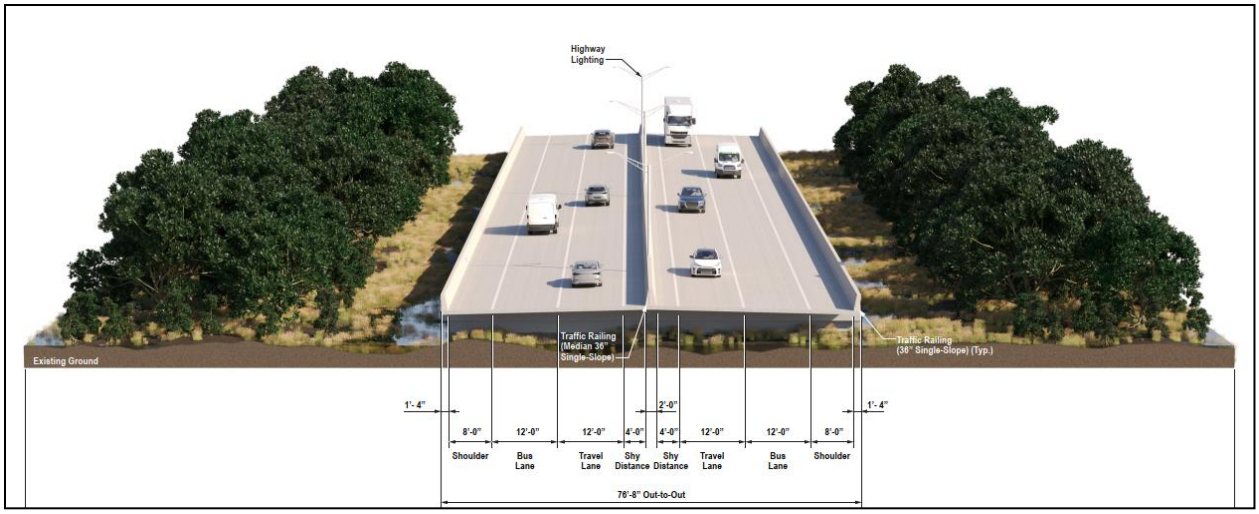
Figure 6: Year 2074 – Typical Sections

Another design feature to be incorporated into the Build alternatives is the addition of bridge and/or culvert structures required to maintain hydrology and to avoid and minimize impacts to sensitive features. A range of engineering solutions are available to accommodate hydrologic connectivity and minimize impacts, including but not limited to short-span slab bridges, medium-span beam bridges, box culverts, three-sided culverts or pipe arches, and pipe culverts. The required number of openings in the roadway embankment is largely dependent on the size of the openings, with solutions providing a smaller opening size (such as pipe culverts) requiring a larger number of openings at a more frequent spacing along the corridor. For the purpose of evaluating the shortlisted alternatives, a conservative solution consisting of cast-in-place flat slab spans supported on reinforced concrete wall piers and abutments with spread footing foundations was selected. **Section 4.5: Bridges** of this report describes the number and size of the bridge openings estimated for Alternative B1 and **Figure 7** shows a bridge typical section for Alternatives B1, B2, and B3 for the years 2026, 2036, 2046 and 2074. Larger size versions of these same Figures are included in **Attachment B** of this report. Each of these bridge typical sections would accommodate the number of lanes and additional features previously described. At each bridge site, the vehicular and pedestrian bridges would be constructed to a similar elevation, which will be set to satisfy the required hydraulic clearance as discussed below in **Section 4.5**. The vehicular and pedestrian bridges at each bridge site are also anticipated to have similar structural characteristics including structure type, span lengths and foundation depths. The bridge characteristics will be further refined during the analysis of the Preferred Alternative.

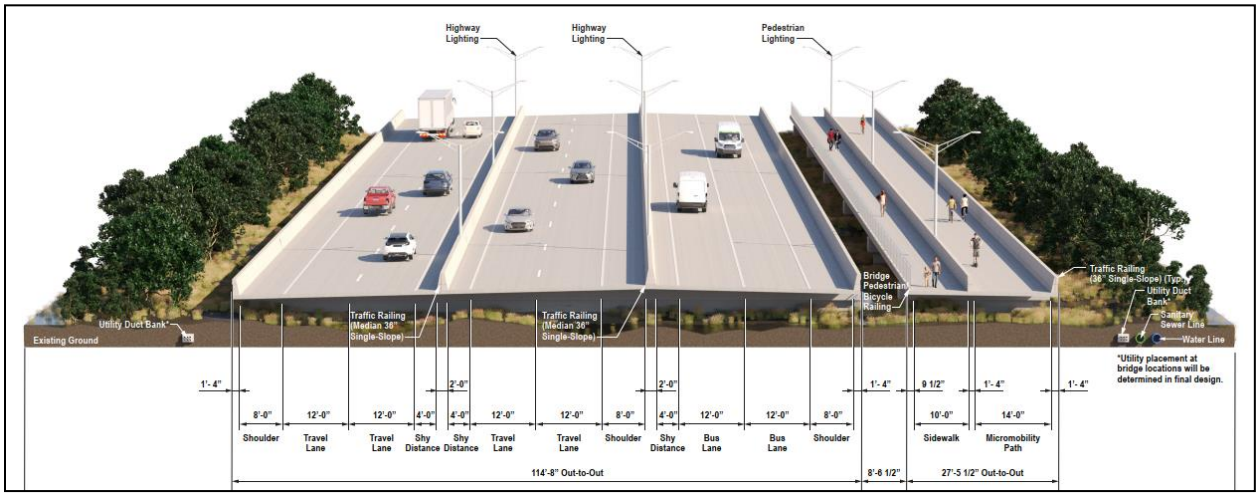
Year 2026 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 2 and Section 3



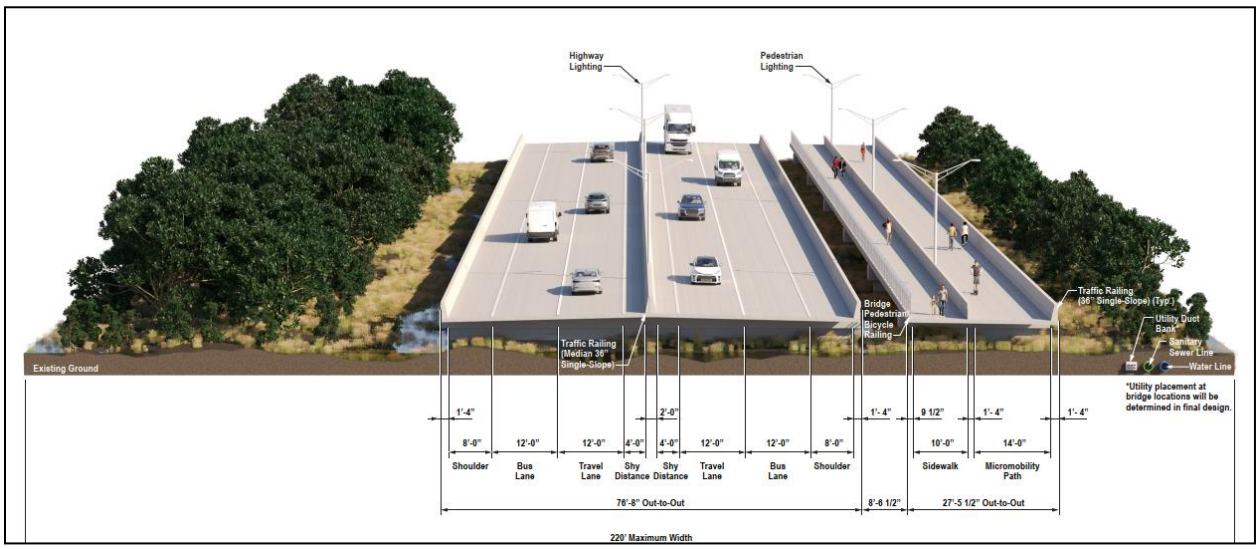
Year 2036 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 2



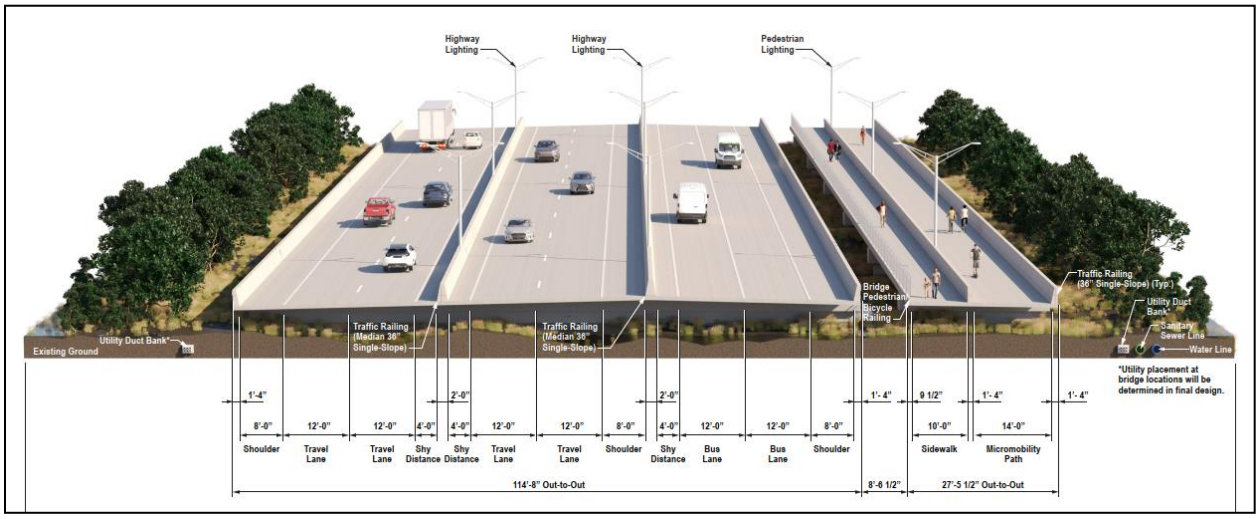
Year 2036 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 3



Year 2046 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 2



Year 2046 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 3



Year 2074 Bridge Typical Section for Alternatives B1, B2, and B3 – Section 2 and Section 3

Figure 7: Bridge Typical Section for Alternatives B1, B2, and B3

As previously noted, Alternatives B1, B2, and B3 also include a series of roadway improvements described as the Will T Connector. These roadways would provide access to the common Section 2 of Alternatives B1, B2, and B3. **Figure 8** shows the typical section for the Will T Connector. A larger size version of this same Figure is included in **Attachment B** of this report. The proposed corridor width for the Will T Connector is 41-feet (12.5-m) including a single travel lane in each direction and bike lanes on both sides of the roadway along with concrete curb and gutter on both sides of the roadway. A sidewalk would also be included along one side of the roadway. The Will T Connector is anticipated to be built in 2026.

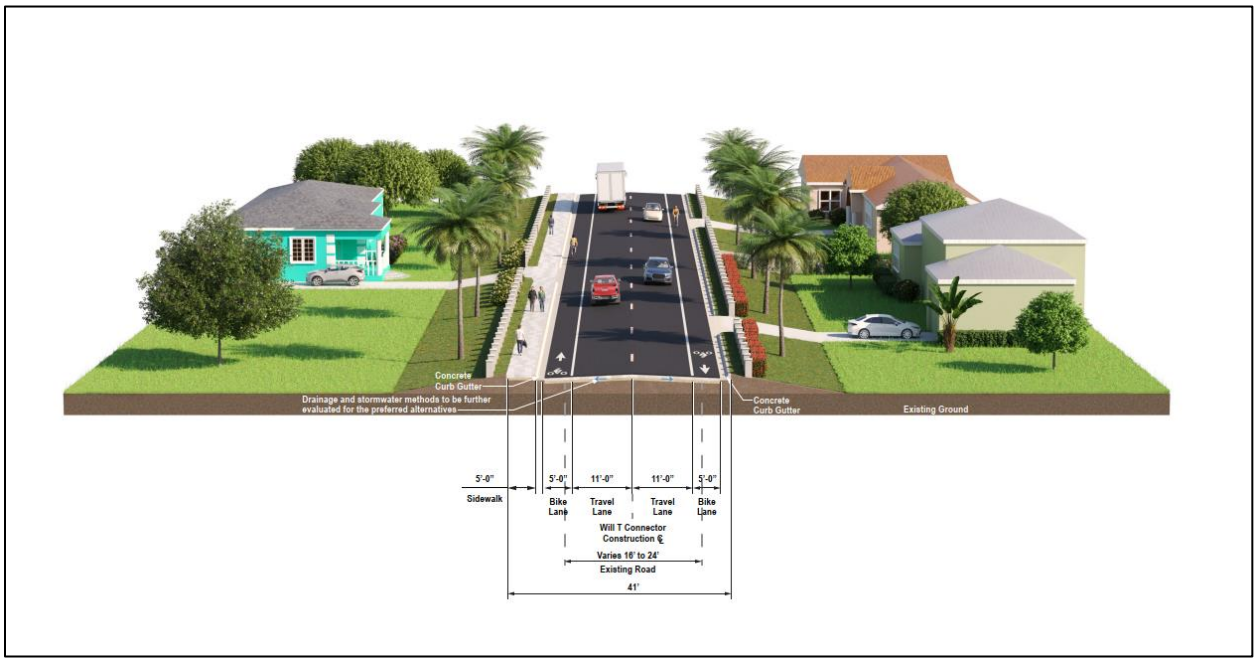


Figure 8: 2026 Will T Connector Typical Section for Alternatives B1, B2, and B3

2.3 Alternative B2

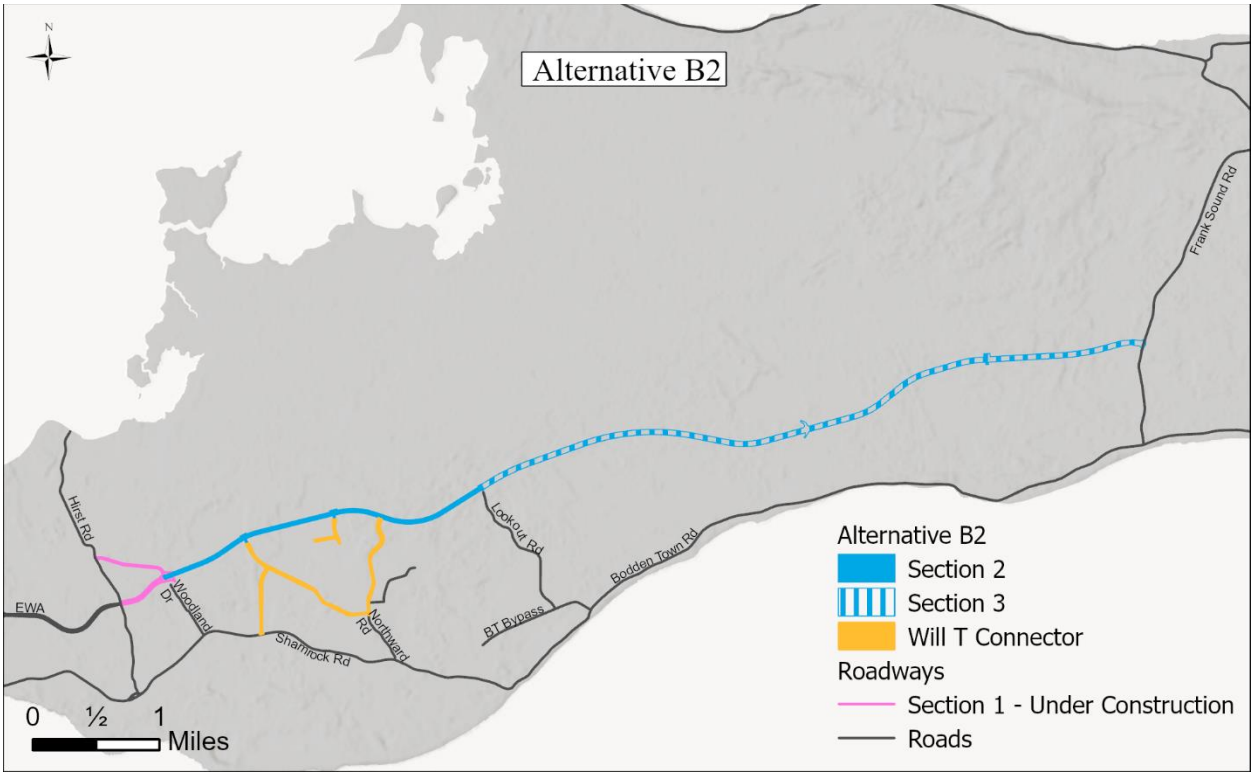


Figure 9: Alternative B2

Alternative B2 shown in **Figure 9** has the same western limit as Alternative B1. It begins at the terminus of Section 1 of the EWA (currently under construction) near Woodland Drive and travels east with the construction of a new roadway for approximately 8 miles (13 km) to Frank Sound Road. As with Alternative B1, Alternative B2 includes two sections of new roadway including Section 2, located from Woodland Drive to Lookout Road, and Section 3, located from Lookout Road to Frank Sound Road. Alternative B2 also includes a number of proposed bridges and a series of improved roadways described as the Will T Connector. **Section 4.5** of this report describes the number and size of the bridge openings estimated for Alternative B2 and **Figure 7** shows a bridge typical section for Alternative B2 for the years 2026, 2036, 2046 and 2074. Larger size versions of these same Figures are included in **Attachment B** of this report. The corridor width for Alternative B2 also allows for elevating the roadway vertical profile (**Attachment F**) from the existing ground profile to accommodate a roadway surface elevation above the chosen parameter of a 50-year storm event. Further information on roadway profiles is included in **Section 4.3: Roadway Profiles** of this report. Alternative B2 follows the same location as the other Build alternatives for Section 2 between Woodland Drive and Lookout Road. Following the Longlist Evaluation additional information was collected on the environmental and man-made features throughout the study area. As a result, the location of segments of Alternative B2 were shifted slightly to the south in the area of Midland Acres and also further south in a few areas to avoid encroachment on the quarries.

The timeline for determining the needed travel lanes for Alternative B2 along with the possible additional features is shown in **Tables 1** and **2**. Typical sections showing the anticipated

progression of the needed number of travel lanes and the possible addition of the other identified features for Alternatives B2 are shown in **Figures 3, 4, 5,** and **6**. Larger size versions of these Figures are included in **Attachment B** of this report.

2.4 Alternative B3

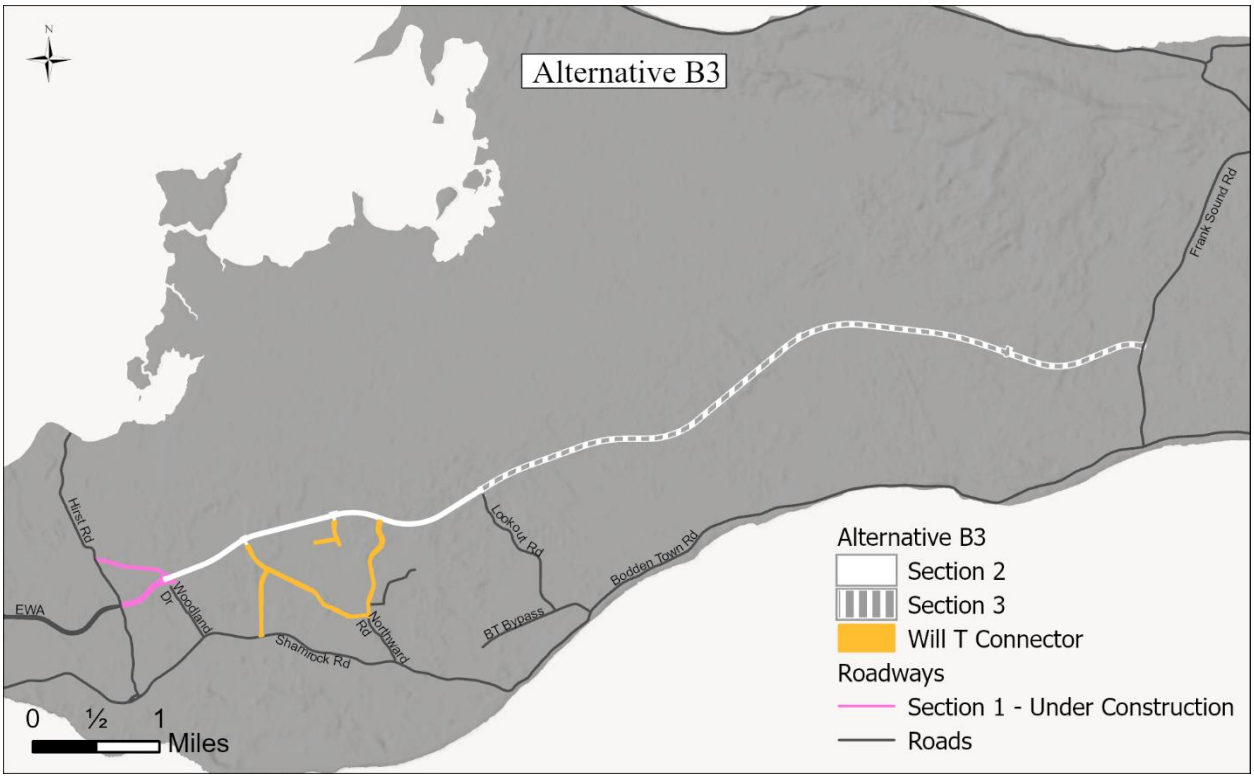


Figure 10: Alternative B3

Alternative B3, shown in **Figure 10** has the same western limit as Alternatives B1 and B2. It begins at the terminus of Section 1 of the EWA (currently under construction) near Woodland Drive and travels east with the construction of a new roadway for approximately 8 miles (13 km) to Frank Sound Road. As with Alternatives B1 and B2, Alternative B3 includes two sections of new roadway including Section 2, located from Woodland Drive to Lookout Road, and Section 3, located from Lookout Road to Frank Sound Road. Alternative B3 also includes a number of proposed bridges and a series of improved roadways described as the Will T Connector. **Section 4.5** of this report describes the number and size of the bridge openings estimated for Alternative B3 and **Figure 7** shows a bridge typical section for Alternative B3 for the years 2026, 2036, 2046 and 2074. Larger size versions of these same Figures are included in **Attachment B** of this report. The corridor width for Alternative B3 also allows for elevating the roadway vertical profile (**Attachment F**) from the existing ground profile to accommodate a roadway surface elevation above the chosen parameter of a 50-year storm event. Further information on roadway profiles is included in **Section 4.3: Roadway Profiles** of this report.

Alternative B3 follows the same location as Alternatives B1 and B2 for Section 2 between Woodland Drive and Lookout Road. Within Section 3 Alternative B3 follows the same location

as Alternative B1 until reaching the Mastic Reserve. At this point, Alternative B3 shifts farther south to connect to Frank Sound Road.

The timeline for determining the needed travel lanes for Alternative B3 along with the possible additional features is shown in **Tables 1** and **2**. Typical sections showing the anticipated progression of the needed number of travel lanes and the possible addition of the other identified features for Alternative B3 are shown in **Figures 3, 4, 5,** and **6**. Larger size versions of these same Figures are also included in **Attachment B** of this report.

2.5 Alternative B4

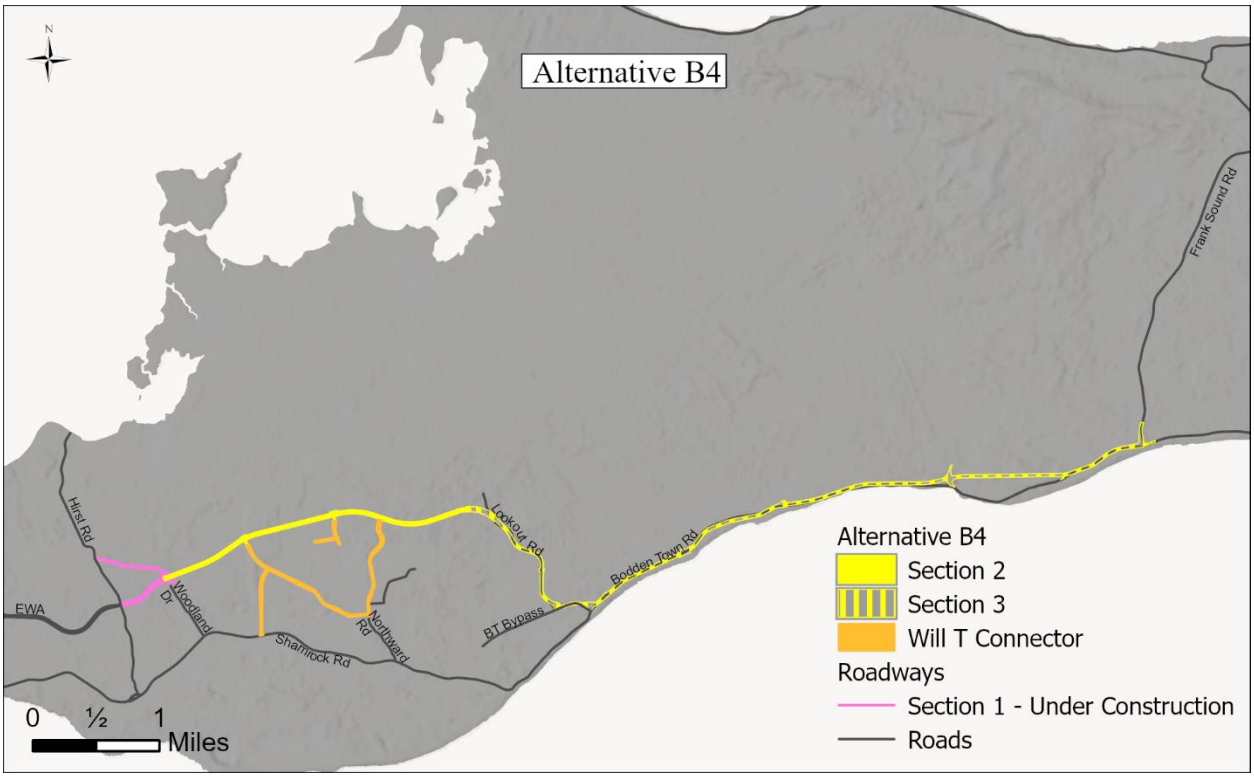


Figure 11: Alternative B4

As discussed in **Section 1: Introduction**, Alternative B4 was selected from the Longlist Evaluation for further evaluation as part of the Shortlist Evaluation in September of 2023. Alternative B4, shown in **Figure 11**, has the same western limit as Alternatives B1, B2, and B3. It begins at the terminus of Section 1 of the EWA (currently under construction) in the area of Woodland Drive and travels east for approximately 8 miles (13 km) to Frank Sound Road. As with Alternatives B1, B2, and B3, Alternative B4 includes two sections, including Section 2, located from Woodland Drive to Lookout Road, and Section 3, located from Lookout Road to Frank Sound Road. As with Alternatives B1, B2, and B3, Alternative B4 includes a series of improved roadways described as the Will T Connector.

Alternative B4 follows the same location as Alternatives B1, B2, and B3 for Section 2 between Woodland Drive and Lookout Road. Within Section 3 Alternative B4 primarily follows the existing roadways of Lookout Road and Bodden Town Road.

As part of the EWA EIA studies, a specific *Flood Modeling and Roadway Drainage Openings - Final Report* (Baird, 2024) was completed. Based on the 2024 Baird report results, Section 3 of Alternative B4 along the southern coast would require an elevation or beach berm of over 20 feet (6 m) above mean sea level in order to meet the resiliency criteria (CSF) set forth for this project. This elevation change is due to the high risk of a severe weather event blocking the road with water and sand via wave overtopping.

Based on the level of development and adjacency to the proposed route along Section 3 of Alternative B4, it was determined that it would be infeasible to meet the resiliency criteria (CSF) without significant social impact and engineering constraints (i.e., property acquisitions, severing of access, viewshed impacts, and cross street and driveway connections). Therefore, both the NRA and EAB have agreed on the elimination of Alternative B4 from further evaluation.

The remainder of this Engineering Assessment of Alternatives report evaluates Alternatives B1, B2, B3, and the No-Build scenario.

3. Evaluation Criteria

The United Kingdom (UK)'s Department for Transport has extensive guidance for transport projects, called WebTAG (Transport Appraisal Guidance). It extends the UK Treasury's "Green Book" (Guidance on Appraisal and Evaluation) concepts for transport in terms of a Value for Money (VfM) Framework. A key aspect of this framework is the recognition that roads, highways, and rail lines have distinct spatial locations, leading to effects on adjacent communities with unintended consequences such as traffic noise, and loss of heritage, biodiversity, and other elements. Those issues were not addressed in the Green Book. However, the VfM framework recognizes them in terms of a split between intended effects that can usually be monetized, and unintended effects that often cannot be monetized.

Applicable WebTAG reference documents have been applied and referenced within the sections as follows, along with Cayman and international policies as applicable. The 7-point qualitative scale utilized from WebTAG is depicted in **Table 3**. Discipline-specific 7-point qualitative scales have been applied to the Engineering Constraints and to the CSFs for this Engineering Evaluation. The CSFs are the aspects of the project that are vital to its success. These are the main goals that the completed project would accomplish. The CSFs were developed based on the Final ToR for the WA Extension and include:

- Create an alternative travel route to the existing two-lane Bodden Town Road
- Improve resiliency of existing roadway between North Side/East End and George Town/West Bay
- Support current and future traffic demand
- Improve travel time between North Side/East End and George Town
- Reduce tourism travel time between North Side/East End and George Town
- Improve safe vehicular travel by reducing roadway conflict points
- Provide opportunity for enhanced and safe pedestrian and bicycle travel
- Accommodate utility expansion (electricity, fiber, water, central sewage)
- Provide opportunity to safely accommodate and expand public transportation

Table 3: Summary 7-Point Scale from WebTAG

Score	Comment
Large Beneficial	The scheme would provide significant improvement or enhancement to the category being examined.
Moderate Beneficial	The scheme would provide an improvement or enhancement to the category being examined.
Slight Beneficial	The scheme would provide a small improvement to the category being examined.
Neutral	The scheme is not in conflict with the category being examined.
Slight Adverse	Some small degradation or damage may result from the scheme.
Moderate Adverse	The scheme may result in direct damage to the category being examined.
Large Adverse	A significant degradation of the category being examined or a major damaging direct impact is predicted to result from the scheme.

4. Corridor Design

4.1 Design Criteria

Table 4 presents the criteria that were used to guide the design of Alternatives B1, B2, and B3. The following references were used in determining these criteria:

- American Association of State Highway and Transportation Officials (AASHTO) Geometric Design of Highways and Streets (Green Book 2018 – 7th Edition)
- AASHTO Guide for the Development of Bicycle Facilities (2012)
- AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities (2004)
- AASHTO Roadside Design Guide (2011)
- National Association of City Transportation Officials (NACTO) Urban Bikeway Design Guide (2011)

Table 4: Engineering Design Criteria

Criteria	Location	Required Value	Proposed Value	Source Of Criteria
Design Vehicle	Entire EWA	WB-50 Wheelbase 50-ft (15.2 m)	WB-50 Wheelbase 50-ft (15.2 m)	NRA Guidance
Design Speed	Mainline – All Alternatives	50 – 75 MPH (80-120 KPH)	50 MPH (80 KPH)	AASHTO Greenbook (2018) Section 7.2.2.1
	Northern Spur – B1	50 – 75 MPH (80-120 KPH)	45 MPH (72 KPH)	
	Southern Spur – B1	50 – 75 MPH (80-120 KPH)	40 MPH (64 KPH)	
Lane Width	Entire EWA	11 feet (3.3 m) – 12 feet (3.6 m)	12 feet (3.6 m)	AASHTO Greenbook (2018) Table 7-3
Shoulder Width (Outside)	Entire EWA	8 feet (2.4 m) – 10 feet (3.1 m)	8 feet (2.4 m)	AASHTO Greenbook (2018) Table 7-3 & Section 7.2.11.4
Shoulder Width (Inside)	Entire EWA	4 feet (1.2 m)	4 feet (1.2 m)	

Criteria		Location	Required Value	Proposed Value	Source Of Criteria
Clear Zone Width		Entire EWA	20 feet (6.1 m) – 22 feet (6.7 m)	22 feet (6.7 m)	AASHTO Roadside Design Guide (2011) Table 3-1
Minimum Horizontal Radius		Mainline – All Alternatives	833 feet (253.9 m)	2,300 feet (701 m)	AASHTO Greenbook (2018) Table 3-7
		Northern Spur – B1	833 feet (253. 9 m)	900 feet (274.3 m)	
		Southern Spur – B1	643 feet (196.0 m)	1,500 feet (457.2 m)	
Maximum Superelevation Rate		Entire EWA	6%	6%	AASHTO Greenbook (2018) Section 7.2.2.8 NRA Guidance
Vertical Grade	Minimum	Entire EWA	0.3%	0.3%	AASHTO Greenbook (2018) Table 7-2
	Maximum	Entire EWA	4%	2%	
Vertical Curve Minimum K Value	Crest Curve	Entire EWA	84	84	AASHTO Greenbook (2018) Table 3-35
	Sag Curve		96	96	AASHTO Greenbook (2018) Table 3-37
Minimum Stopping Sight Distance		Mainline – All Alternatives	425 feet (129.5 m)	425 feet (129.5 m)	AASHTO Greenbook (2018) Table 7-1
		Southern, Northern Spur – B1	425 feet (129.5 m)	425 feet (129.5 m)	
Minimum Intersection Sight Distance		Entire EWA	555 feet (169.1 m)	555 feet (169.1 m)	AASHTO Greenbook (2018) Table 9-7
Minimum Cross Slope		Entire EWA	2%	2.5%	AASHTO Greenbook (2018) Section 7.2.2.7
Minimum Vertical Clearance	Highway	Entire EWA	16 feet (4.8 m)	16.6 feet (5 m)	AASHTO Greenbook (2018) Section 7.2.5.1
	Waterway	Entire EWA	3 feet (1 m) Drift Clearance Above 50 yr. Return Storm	3 feet (1 m) Drift Clearance Above 50 yr. Return Storm	NRA Guidance
	Pedestrian	Entire EWA	10 feet (3.1 m)	10 feet (10.1 m)	AASHTO Bike Guide (2012) Section 5.2.10
Minimum Sidewalk Width		Entire EWA	5 feet (1.5 m)	5 feet (1.5 m)	AASHTO Pedestrian Guide (2004) Section 3.2.3

Criteria	Location	Required Value	Proposed Value	Source Of Criteria
Multi-Use Path Width	Entire EWA	10 feet (3.1 m)– 14 feet (4.2 m)	14 feet (4.2 m)	AASHTO Bike Guide (2012) Section 5.2.1
Multi-Use Path Cross Slope	Entire EWA	1.5% Max	1.5% Max	AASHTO Bike Guide (2012) Section 5.2.5

As seen in **Table 4**, a variety of criteria were used in setting the constraints by which each of the alternatives would be designed. These criteria were primarily developed using the guidance outlined in AASHTO guidance documents. Additionally, further guidance and preference from the NRA was also incorporated, such as minimum waterway clearance in order to conduct maintenance activities.

For all of the Build alternatives, the functional classification of the proposed roadway corridor is considered as Rural Principal Arterial with level topography. As such, travel lane and shoulder widths were appropriately determined based on the functional class, projected traffic data, and the intent of the proposed roadway to function as the main thoroughfare for the island. A design speed of 50 miles per hour (mph), 80 kilometres per hour (kph) was set for most of the alignment for Alternatives B1, B2, and B3, with certain geometrically constrained sections of Alternative B1 utilizing a 45-mph (72-kph) for the northern spur and 40-mph (64-kph) design speed for the southern spur. The design speed is a selected speed used to determine the various geometric design features of the roadway. Design speed is typically selected to equal or exceed the posted or regulatory speed limit of the completed facility and therefore the design speed may differ from the posted speed limit. Reasons for this difference include driver perceptions and the flow of traffic. However, for this evaluation it was assumed that the design speed and the posted speed would be the same. The design speeds were chosen based on functional class, continuity of the speed of the previous section of roadway, and optimization of the travel route based on geometric conditions of the study area. For example, the presence of rock quarries, National Trust land, established communities, and environmentally sensitive areas influenced the design locations of the new roadway alignments and how they interact with the adjacent areas. Certain geometric choices such as alignment shifts and tighter curves were introduced into the design to best avoid and minimize impacts to these areas. A higher design speed requires larger horizontal curves which can increase impacts to the surrounding area. In evaluating design considerations, it was determined that two sections of Alternative B1 would require a reduced design speed from the mainline design speed of 50-mph (80-kph). Specifically, the northern spur of Alternative B1 passes through an area with close proximity to mangroves and existing residential development. In order to minimize impacts in this area a lower design speed of 45-mph (72-kph) was utilized to keep the horizontal curves tighter and reduce impacts to the aforementioned areas. In addition, a lower design speed of 40-mph (64-kph) was chosen for the southern spur section of Alternative B1 in order to minimize impacts to adjacent commercial buildings and residences in this area.

With design speed chosen, this sets the minimum horizontal curve radius and minimum stopping sight distances as well as intersection sight distances. The superelevation of the roadway, or the gradual banking of the roadway, is directly associated with the minimum horizontal curve value

set by the design speed, the geographic area (rural versus urban) and the desire to limit potentially large embankment slopes due to large slope percentages. For this project, a maximum design superelevation rate table of 6% was used, with values not exceeding 4% based on NRA preference. As a result, the minimum horizontal radius was determined to be 2,300 feet (701 m) for the mainline and has been employed sparingly with larger radius values used more frequently.

Additionally, the Clear Zone was also determined to be 20-22 feet (6.1-6.7 m) based on the design speed, traffic volumes, and roadside geometry. Clear Zone refers to the unobstructed, traversable area provided beyond the edge of the travel way for the recovery of errant vehicles and includes shoulders and auxiliary lanes. The Clear Zone is to be free of fixed objects that pose a risk to vehicles that may collide with them. Objects that need to be protected by roadside barrier within the Clear Zone include sign supports with a non-breakaway design or with a concrete base extending 4 inches or more above the ground, bridge piers and abutments at underpasses, and light poles with high mast lighting. Other non-traversable obstructions that may need consideration for protection is permanent bodies of water greater than 2 feet (0.6 m) deep, stone quarries and other open pit mining operations, and storage locations for hazardous substances. Generally utility poles and trees do not need protection; however, every effort should be made to install new utility poles or trees outside the Clear Zone.

The presence of mostly level topography determined the minimum and maximum vertical grades as the relatively flat area would require 0.3% grade minimum to facilitate proper stormwater drainage and the material cost associated with a large change in percent grade limited the maximum to 2%. A minimum roadway cross-slope of 2.5% was chosen in lieu of the more standard 2% to better direct rainfall off the road surface during heavy rainfall events that the island often experiences. Cross slopes greater than 2.5% on tangent sections can cause vehicles to drift towards the edge of the roadway leading to safety concerns. The drainage and stormwater design will be looked at in more detail for the 30% design. Drainage features to be considered include inlets at the median barrier with lateral storm drains discharging to the outside of the roadway or possibly cross culvert with connections to the median barrier inlets. Landscape barriers could also be considered with a 2-5 feet (0.6–1.5 m) strip of tall grasses shown just upslope of the roadway hinge point. Each component timeline will need to be considered to minimize relocating previously constructed drainage systems.

Pedestrian facilities, including the sidewalk and micromobility pathway, were designed based on guidelines from AASHTO and NACTO for widths and cross-slopes.

One of the Engineering Constraints for this project is the ability to provide for the necessary property to improve the roadway to achieve sound geometric design conditions. The amount of property affected includes the area disturbed by the roadway improvements along with the disturbances that would result for connecting any cross streets, driveways, and adjacent properties to the roadway. There are also engineering considerations that include providing for elevation changes, drainage needs, utility requirements, transit, pedestrian and bicycle accommodations, and safety considerations. **Table 5** summarizes the qualitative evaluation on providing for sound geometric design conditions.

Table 5: Provide for Sound Geometric Design Conditions Summary Table

Engineering Constraint*	No-Build	B1	B2	B3
Amount of property affected to improve the roadway to achieve sound geometric design conditions	Neutral	Slight Adverse	Slight Adverse	Slight Adverse

**As identified in the Longlist Evaluation*

No-Build: The No-Build scenario was included as a benchmark from which to evaluate and compare the geometric design conditions of the Build alternatives, so the impact for the No-Build scenario for this criterion would be "Neutral."

***Alternatives B1, B2, B3*:** In terms of providing for sound geometric design conditions, the target for this criterion is to evaluate the amount of property affected to achieve sound geometric design conditions for each alternative. The amount of property affected includes the area disturbed by the roadway improvements along with the disturbances which would result for connecting any cross streets, driveways, and adjacent properties to the roadway. There are also engineering considerations that include providing for elevation changes, drainage needs, utility requirements, transit, pedestrian and bicycle accommodations, and safety considerations. These elements also would result in design and construction costs. For additional information on controlling roadway elevations refer to Section 4.3. Cost information is provided in **Section 7: Cost Estimate** of this evaluation. The ranking for this criterion is focused on the ability to achieve reasonable design standards. Overall Alternatives B1, B2, and B3 would have a "Slight Adverse" impact by providing the ability to achieve reasonable design standards with minor challenges as it would be a new roadway facility through primary undeveloped land.

4.2 Roadway Alignments

The identified design criteria were the main factor in determining how each Build alternative horizontal alignment was chosen with each alignment adhering to the minimum and maximum requirements. Most notably, the design speed and superelevation rates set the minimum horizontal curve radius. Additionally, more general considerations and industry best practices identified by AASHTO were also followed, such as keeping a consistent design to avoid abrupt changes in geometry, avoiding use of minimum curve radius values, and coordinating the horizontal design with the vertical design of the profiles. Adhering to these attributes has the benefit of providing a comfortable and consistent travel way, enhanced vehicle control, uniform speed, optimal operation, and improved appearance.

The variety of environmental and geographic considerations present in the study area were additional factors determining the horizontal alignments. Existing rock quarries, bodies of water such as Meagre Bay Pond, and established residential and commercial properties, were a few of the features that were avoided where possible. Waterlogged and densely vegetated areas were also avoided as much as possible. Environmental areas such as the Central Mangrove Wetland, the Mastic Reserve, the Mastic Trail, and parrot nesting habitats were also considered in the design of the location of the roadway alignment, and the impacts to them were avoided and minimized where possible. Impacts to these and other features can be found in the Assessment of Alternatives

documents for Cultural & Natural Heritage, Geo-Environmental features, Socio-Economics, and Terrestrial Ecology.

Figures comparing the original gazetted corridor to the changes in the roadway alignments that were made based on the previously discussed factors can be found in **Attachment A**.

The ability to provide an alternative roadway facility to accommodate travel in the event of a roadway closure was identified as one of the CSFs for the project. **Table 6** summarizes the qualitative impact of each alternative to create an alternative travel route to the existing two-lane Bodden Town Road.

Table 6: Create an alternative travel route to the existing two-lane Bodden Town Road Summary Table

CSF*	No-Build	B1	B2	B3
Provide an alternative roadway facility to accommodate travel in the event of a roadway closure (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial

**As identified in the Longlist Evaluation*

No-Build: Under the No-Build scenario, there are no current alternative routes for east-west travel in the event of a roadway closure on Bodden Town Road, so the No-Build would have a "neutral" impact.

***Alternatives B1, B2, B3*:** In terms of providing an alternate travel route, the target of this criterion is to provide an alternative roadway facility that accommodates travel in the event of a road closure along with existing east-west route. Overall Alternatives B1, B2, and B3 would have a "Large Beneficial" impact by providing an alternate route in the event of road closures or emergency events along the existing coastal road.

4.3 Roadway Profiles

As part of the design criteria previously described, much of the design of the roadway profile was set by minimum and maximum vertical grades as well as by speed for the design of vertical curve length and sight distance. The vertical profile grade is the percent of elevation change along the centreline of the proposed roadway. Vertical grades are necessary and often undulate to assure drainage of storm water within the roadway to inlets or outfall locations. The overall elevation of the vertical profile was set based on the various rainfall and storm conditions that the roadway may be subjected to.

The vertical grade elevation was determined based on the rainfall and storm surge water elevations associated with simulated storm event data that was provided by W.F. Baird and Remington & Vernick Engineers in their respective reports (Baird; Remington & Vernick). A 50-year event was chosen as the design storm, and the determination was made to raise the profile of the roadway enough so that most parts of the corridor either remained unaffected during the storm event or the flooded portions of the corridor were elevated enough to minimize the time for water to recede and clear the road surface. The rainfall and storm surge water elevations range from 6.5 feet (2 m)

to 10.5 feet (3.2 m) along the length of the alternative corridors. It should be noted that Baird did not model sea level rise for this study but recommended that sea level rise be considered during the final design of the road. Preliminary profiles for each alternative can be found in **Attachment F**.

The elevation and profile of the road was also determined based on the presence of hydraulic openings including bridges and other structures. For the bridge openings, 3 feet (0.9 m) of vertical clearance was added for freeboard or drift clearance to accommodate the passage of debris and other detritus floating on the water surface and to avoid or minimize damming of water at these structures. The low chord or lowest beam elevation of these structures was also set based on the storm surge and other storm event data to ensure that water can appropriately interact with the hydraulic openings that the structures span.

The ability to improve resiliency of the travel route to flooding from sea level rise, storm surge, wave overtopping, and rainfall was identified as one of the CSFs for the project. This factor is attributed to the vertical grade elevation of the roadway profile. **Table 7** summarizes the qualitative impact of each alternative to improve resiliency of the existing roadway between North Side/East End and George Town/West Bay.

Table 7: Improve Resiliency of Existing Roadway Between North Side/East End and George Town/West Bay Summary Table

CSF*	No-Build	B1	B2	B3
Improve resiliency of the travel route to flooding from sea level rise, storm surge, wave overtopping, and rainfall (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial

**As identified in the Longlist Evaluation*

No-Build: Under the No-Build scenario, there are no improvements to the resiliency of the existing travel route, so the No-Build would have a "neutral" impact on resiliency.

***Alternatives B1, B2, B3*:** In terms of resiliency, the target of this criterion is to improve the travel route's resiliency to flooding from sea level rise, storm surge, wave overtopping, and rainfall. The ranking for this criterion is based on the preliminary Coastal Risk (Storm Surge and Wave Overtopping) and preliminary Hydrologic/Hydraulic (Rainfall Flooding) studies that were completed for the project area by Baird and Remington & Vernick Engineers, respectively. Overall Alternatives B1, B2, and B3 would have a "Large Beneficial" impact by (1) providing an alternate route in the event of road closures or emergency events along the existing coastal road, (2) improving the existing road's overall safety and travel time reliability by shifting most of the east-west traffic volume to the EWA, (3) providing a design for an elevation above mean sea level to accommodate a 50-year storm event, and (4) providing the opportunity to include additional design components such as a higher vertical elevation, bridges, and other drainages structures that would further improve the storm surge resiliency factor for most of the alternative.

4.4 Intersections

The proposed intersections for the EWA can be categorized into 2 groups for the purpose of the EIA Shortlist. These groups are Full Access intersections and Partial or Limited Access intersections (**Table 8**). Full access intersections could include the following types of intersections: Stop Sign Controlled, Traffic Signal Controlled, or Roundabouts. The exact full access intersection type has yet to be determined. The objective in selecting the proper type of intersection control is to provide for the safety of all modes of traffic while allowing the intersection to operate efficiently. Property impacts and greenhouse gas emissions also are considered. It is also possible that initially the intersection could be controlled by one type of intersection then later converted to a different type of intersection in the future when traffic volumes increase. Partial Access intersection control is to be considered as a yield controlled left-in/left-out access point.

Table 8: Full and Partial Access Intersections

Alternatives	Proposed Intersections	
	Full Access	Partial Access
No-Build	N/A	N/A
B1	8	9
B2	7	9
B3	7	9

As mentioned above, all modes of traffic need to be considered. This includes the future years where additional components are added for pedestrians, bicycles, micromobility users, and even bus rapid transit (BRT) lanes. For example, the initial build could have a roundabout as a full access intersection. The approach roadway is two lanes with one lane in each direction. The roundabout intersection control may be a 1 or 2 lane roundabout where pedestrians, bicycles, and micromobility users would only cross the southern approach leg via a crosswalk. The initial roundabout should be designed to be expanded to 2 or 3 lanes in the future if operations traffic operations predict additional traffic growth. All traffic will use the roundabout until the future expansion where the BRT lanes are added. It is anticipated that the BRT lanes will be constructed to the south for easy pedestrian access. During this future scenario all the EWA traffic will use the roundabout to navigate the intersection except the BRT will have a bypass across the southern approach leg. This would likely be an at grade crossing with the southern leg to and from the roundabout which is signalized to stop approach traffic so the buses can by bypass the intersection safely.

The placement of intersections has been considered along the lengths of Alternatives B1, B2, and B3 to provide connections to other travel routes and access to adjacent developments. For this initial conceptual evaluation, all the full access intersections utilize a roundabout design footprint for functionality, cost, and impact purposes. Additional limited access intersections that are left-turn in and left-turn out only were also included to serve minor connector roads that link to existing and future residential and commercial areas. Intersections and structure locations may need adjusted in the 30% design to avoid conflict and eliminate any sight visibility concerns from structures being too close to intersecting traffic.

For Section 2 of the corridor (Woodland Drive to Lookout Road), each of the Build alternatives have the same number and type of intersection locations. Specifically, a full access intersection is anticipated at the western end of the corridor at the end of Section 1, two other full access intersections are anticipated farther along the corridor to connect to the Will T Connector, and another is anticipated to connect to Lookout Road.

Within Section 3 of the corridor (Lookout Road to Frank Sound Road), the intersection locations differ due to differences in the locations of the alternatives, but the intent of the connections remains the same. The intersection locations in Section 3 are provided primarily for access to future developments south of the corridor. Each of the Build alternatives also includes a full access intersection connecting to Frank Sound Road.

Figure 12 shows the proposed intersection locations along Alternatives B1, B2, and B3. Additional details related to the intersection types, locations, and lane configurations will be further developed once a Preferred Alternative has been selected.

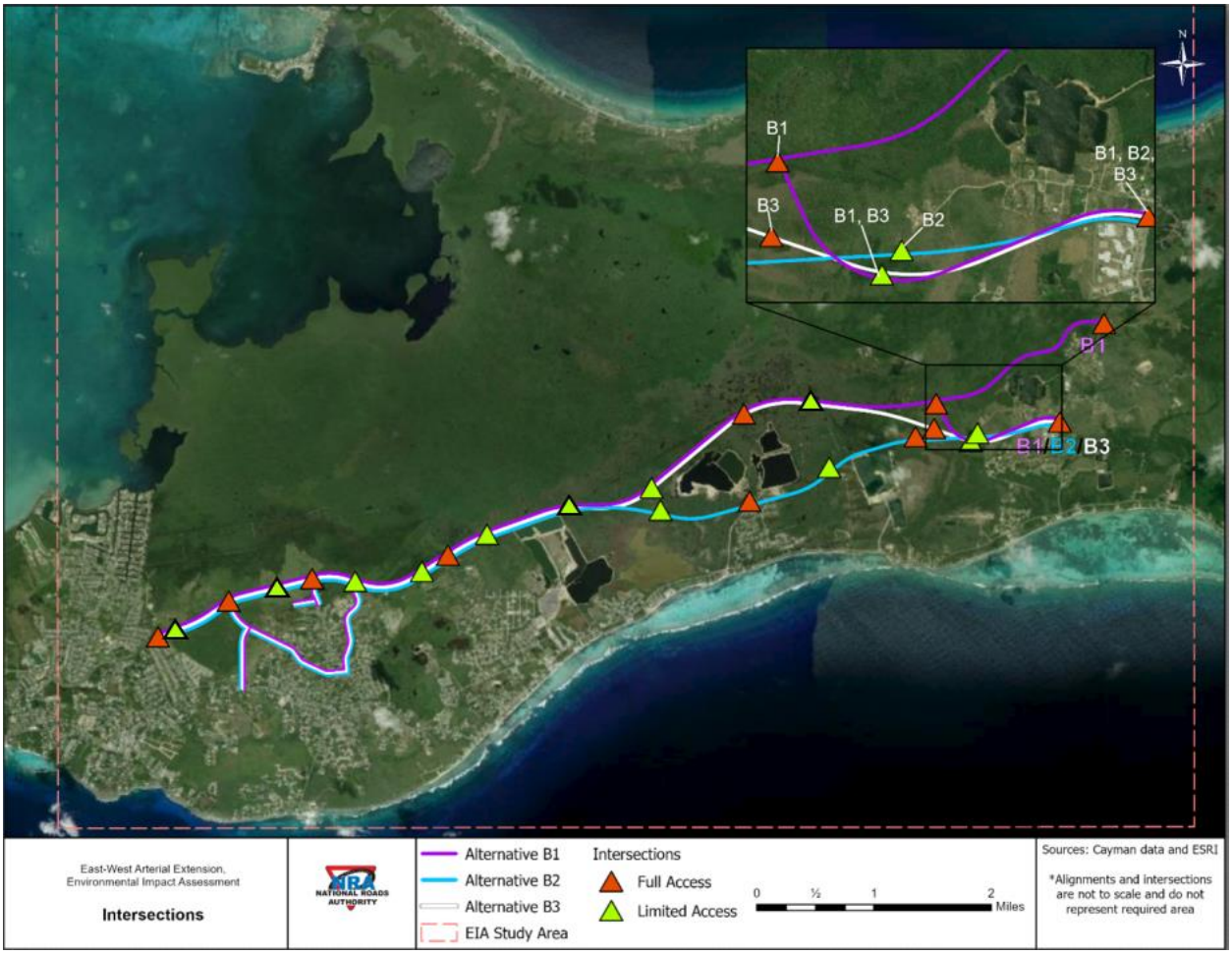


Figure 12: Conceptual Intersection Locations for Build Alternatives B1, B2, and B3

4.5 Bridges

The need for elevated structures along the new roadway corridor has been analysed as a component of the alternatives analysis process. The primary need for bridges along Alternatives B1, B2, and

B3 is to maintain hydraulic connectivity across the proposed roadway embankment in order to minimize hydrologic impacts to the Central Mangrove Wetland, avoid flooding of adjacent properties, and minimize the duration of flooding along the roadway corridor after major storm events. In addition, bridges were also investigated to minimize impacts to environmental and cultural resources, although in many cases avoidance of these resources was achievable through shifting the location of the roadway alignments.

A series of hydraulic and hydrologic studies have been performed to evaluate the number, location, and size of hydraulic openings in the roadway embankment needed to accommodate both rainfall and storm surge events (refer to the Hydrology and Drainage report for more detailed information on the methodology used in the hydraulic and hydrologic studies). Bridges or cross culverts (box culverts or pipes) are potential options for providing the anticipated hydraulic openings. The type of structure provided at each opening location may depend on a variety of factors including, but not limited to, the required opening size, geotechnical conditions, and impacts to the environment and natural resources. **Table 9** presents the number and size of the proposed bridge openings anticipated for each of the Build alternatives and the No-Build scenario. In addition, **Figure 13** presents a map of the conceptual bridge opening locations identified for each alternative.

In addition to the bridge openings identified in this report, smaller hydraulic openings in the form of pipes or small box culverts may also be needed at certain locations throughout the corridor to address localized drainage needs. Further determination of additional drainage needs will be investigated during the analysis of the Preferred Alternative as applicable.

Table 9: Summary of Bridge Openings for Each Alternative

Alternative	Bridge Openings		
	Number	Length*	Bridge Function
No-Build	N/A	N/A	N/A
B1	7	330 feet (100.6 m)	Hydraulic Connectivity
	10	150 feet (45.7 m)	Hydraulic Connectivity
	1	30 feet (9.1 m)	Mastic Trail Crossing
B2	7	330 feet (100.6 m)	Hydraulic Connectivity
	9	150 feet (45.7 m)	Hydraulic Connectivity
B3	7	330 feet (100.6 m)	Hydraulic Connectivity
	8	150 feet (45.7 m)	Hydraulic Connectivity

**Length is clear opening between abutment faces.*

Typical sections for the bridge crossings were developed in conjunction with the roadway typical sections and are presented in **Attachment B** of this report. The ultimate bridge typical section shown for the year 2074 consists of a single vehicular bridge carrying four general purpose travel lanes (divided with median barrier) along with two dedicated bus lanes separated from the travel lanes by traffic barrier. In addition, a separate bridge is proposed to accommodate the proposed sidewalk and separate micromobility path. Since traffic demands do not necessitate the ultimate typical section in the initial build year, typical sections have been developed for Sections 2 and 3 for the years 2026, 2036, 2046, and 2074 to depict the initial construction in each Section and to illustrate how the facility is anticipated to be expanded over time to accommodate increased demand (details provided in **Section 2: Shortlist of Alternatives** of this report).

As the initial construction for both Sections 2 and 3 of the project includes two travel lanes, a series of bridge widenings will be necessary at each bridge location in subsequent build years to achieve the ultimate typical section for the vehicular bridge. In addition, a separate bridge to accommodate the two proposed pedestrian features (sidewalk and separate micromobility path) will be constructed at each location at the time the pedestrian features are added to the corridor. Accommodating the pedestrian features on a separate bridge will allow the structure to be designed for lighter loads associated with pedestrian traffic as well as lighter maintenance or emergency vehicles and will also help minimize horizontal alignment transitions for these features. Although there are challenges associated with widening existing bridges including maintenance and protection of existing traffic and protection of the existing structure from movement or damage during the construction operations, bridge widening is common practice in the expansion of transportation facilities. Monitoring the stability of existing bridges will take place during any future construction phases involving bridge widening or new bridge construction in close proximity to an existing structure.

In terms of the additional features to be added to the corridor including highway lighting, utilities, and the solar array canopy, there will be unique considerations for each of these items at the bridge locations. If lighting is required on the bridges, traffic barrier mounted light poles can be used consistent with the approach roadway lighting; however, provisions for future lighting (conduits, mounting hardware, etc.) would need to be included in the initial traffic barrier construction to minimize reconstruction at the time of lighting installation. In addition, utilities may be accommodated in a number of ways depending on the utility type. Potential options would include, but are not limited to: buried facilities, utility conduits in the bridge concrete traffic railing, deck mounted utility hangers between bridge beams, utility supports attached to the outside of the bridge traffic railing and/or deck slab, and aerial utility crossings. Regarding the potential solar array, for the purposes of this study it is anticipated that the solar array would be terminated at each end of each of the bridges and would not be extended across the bridge deck due to the substantial wind loading this feature would otherwise transfer to the bridge.

Based on the anticipated opening lengths of 150 feet (45.7 m) and 330 feet (100.6 m) needed for hydraulic purposes, a bridge structure has been assumed at each of the openings in lieu of a box culvert. The required hydraulic clearance established for the project is 3 feet (0.9 m) above the 50-year design high water elevation, measured between the lowest horizontal member of the bridge and the water surface elevation. The bridges built with the initial construction of the corridor will be constructed at an elevation such that any planned future bridge widening will satisfy the required hydraulic clearance.

Since the roadway vertical profile will need to be raised at each bridge location to meet the required hydraulic clearance, it is desirable to use a shallow structure depth to avoid further increases in the vertical profile elevation. Therefore, for this evaluation a cast-in-place flat slab structure has been assumed with typical span lengths in the range of 30 to 40 feet (9.1 to 12.2 m), which would result in a slab depth less than 2 feet (0.6 m). Potential options to support the slabs include reinforced concrete wall piers and abutments or reinforced concrete pile bents. Based on the available existing geotechnical information, it appears that rock exists at shallow depths throughout the majority of the project corridor, which should allow for the use of shallow spread footing foundations at most of the bridge locations. In areas where the rock elevation is deeper, deep foundations (i.e. piles)

may be necessary. Both deep and shallow foundations will be evaluated as appropriate based on-site conditions and loading requirements. A similar structure type is assumed at the Mastic Trail crossing, consisting of a single span flat slab structure providing a minimum of 10 feet (3.0 m) vertical clearance over the trail to accommodate pedestrian traffic.

Additional details related to the bridge types will be further determined during the analysis of the Preferred Alternative. Intersections and structure locations may need adjusted in the 30% design to avoid conflict and eliminate any sight visibility concerns from structures being too close to intersecting traffic.

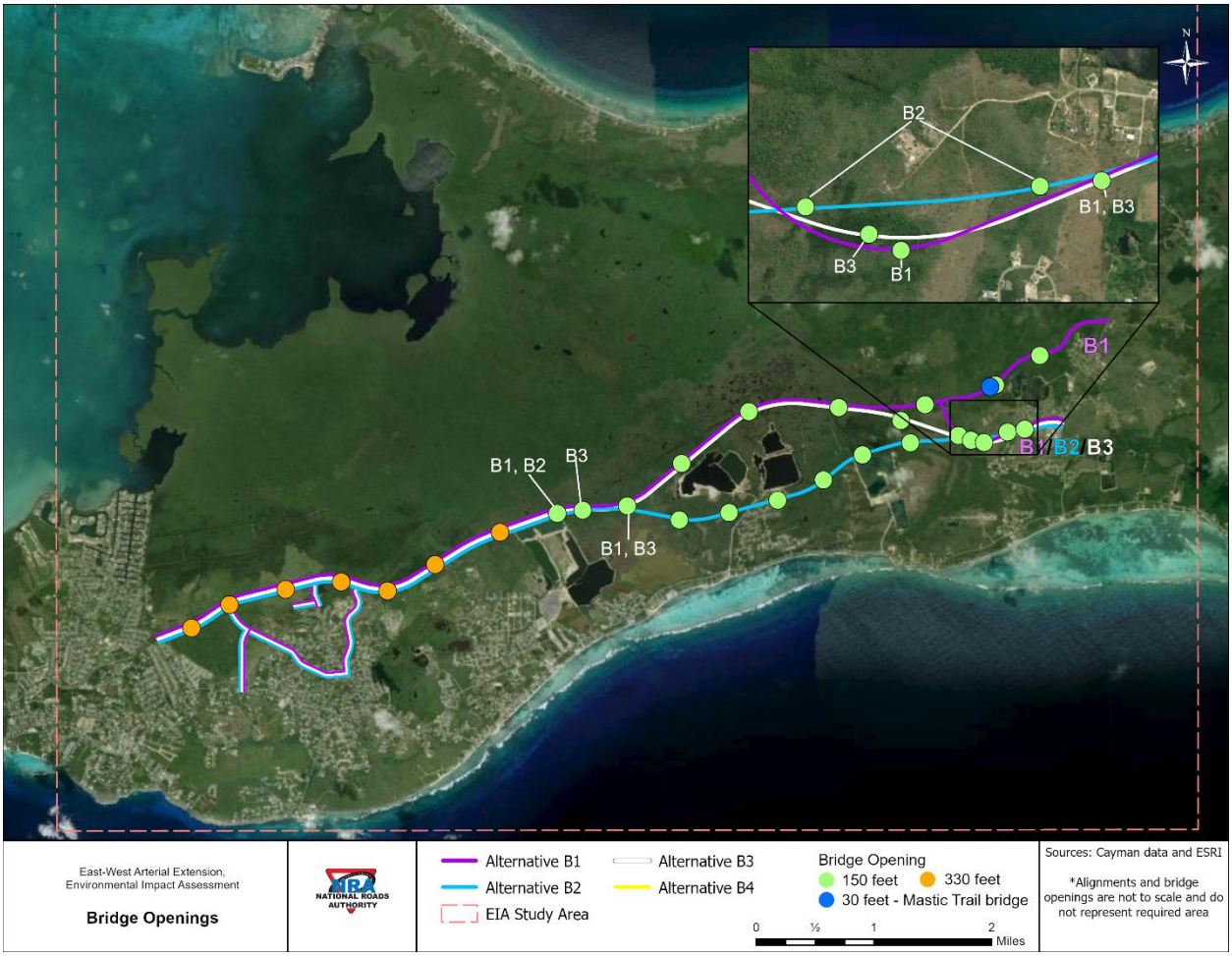


Figure 13: Conceptual Bridge Locations for Build Alternatives B1, B2, and B3

4.6 Sidewalk and Micromobility Path

For Build alternatives B1, B2, and B3, a wide sidewalk and a separate micromobility pathway are potential features that would run parallel with and adjacent to the proposed roadway corridor. As indicated in the ToR, the needs for pedestrian facilities as well as facilities for alternative modes of transportation due to the variety of means of travel on the island were identified. A wider than typical sidewalk of 10 feet (3.0 m) in width can accommodate many pedestrians for both travel and leisure. Walking, jogging, and slow speed bicycles are all potential users of the wide sidewalk. In addition, a separate asphalt paved, 14-feet (4.3-m) wide micromobility path is proposed

alongside the sidewalk, separated by a buffer space. Micromobility refers to transportation using lightweight vehicles, especially electric ones, such as scooters, bikes, carts, and other similar devices. Since the size and speed of these devices and vehicles can differ significantly from a walking pedestrian or a slower, conventional bicycle, a separate pathway is proposed for safety and efficiency. **Table 10** shows a sample of some of the devices and vehicles that may utilize this pathway as seen in *The basics of micromobility and related motorized devices for personal transport* published by the Pedestrian and Bicycle Information Center.

Table 10: Common Micromobility Devices (Sandt, 2019)

Device	Electric standing or sitting scooters (e scooters)	Electric bicycles (e-bikes)			Other[1]
		 			
		Class 1 Pedal assist (pedalec)	Class 2 Throttle assist	Class 3 Pedal assist (pedalec) at higher speed	
Example brands	**Shared:** Bird, Lime, and many others **Owned:** Inboard Glider, Segway 9Bot	**Shared:** Lime, Mobike, Ofo, Pace, Spin, and many others **Owned:** Most major bike brands; multiple passenger versions include Organic Transit (ELF) and Yuba	**Owned:** Several bike brands (less common than Class 1 and 3)	**Owned:** Several major brands; multiple passenger versions include Better Bike (PEBL), and Podride	**Owned:** Boosted, Inboard, Mellow Boards, Metroboard
Weight	Typically < 50 lbs	Typically < 100 lbs; multiple passenger versions near 200 lbs	Typically < 100 lbs	Typically < 100 lbs; multiple passenger versions near 200 lbs	< 50 lbs
Occupants	Single rider	Usually a single rider; some cargo e-bikes or bike cars designed for multiple riders	Typically designed for single riders	Usually a single rider; some designed for multiple riders	Single rider
Power supply	Electric motor typically < 750 watts	Electric motor typically < 750 watts	Electric motor typically < 750 watts	Electric motor typically < 750 watts	Electric motor typically < 750 watts
Product speed[2]	20 MPH or less; some cities apply additional speed restrictions	20 MPH or less	20 MPH or less	28 MPH or less	Most are 20 MPH or less though some can go up to 30 MPH
Operating space	Varies by place;[3] some cities restrict in crowded places	Varies by place;[3] usually allowed on bike transportation facilities and paths	Varies by place;[3] usually allowed on bike transportation facilities and paths	Varies by place;[3] some States restrict access on bike paths	Varies by place[3]
Regulated by	Consumer Product Safety Commission (CPSC), for personally owned devices[4]	CPSC (only for personally owned devices)	CPSC (only for personally owned devices)	CPSC (only for personally owned devices)	CPSC (only for personally owned devices)

[1] This category includes e-skateboards; e-skates; e-boards or other self-balancing devices (sometimes called hoverboards or balance wheels).

[2] Speed intended for usage by manufacturer; this may be regulated by State or local ordinances and may differ from actual operating speeds or modifications made by the device user.

[3] In some circumstances, paths may have restrictions based on the Federal or State regulations, or the source of funding. These restrictions are often marked at the entrance to the facility, but not always.

[4] CPSC is a regulatory body that identifies if a product is safe to sell in the U.S. under the Consumer Product Safety Act. It does not regulate who can purchase a device or where or when devices can be legally ridden.

[5] Moped/scooter/motorcycle definitions are highly variable by State. For example, in North Carolina, there is no separate category for scooter; "scooters" may be mopeds or motorcycles depending on engine capacity. These devices and motorcycles are often regulated at the Federal level through the Consumer Product Safety Commission, although they are not regulated by the Federal Motor Vehicle Safety Standards (FMVSS). Still, States may define and regulate them at the State level and enforce regulations through the Department of Motor Vehicles (DMV) or other mechanism.

The establishment of dedicated pedestrian and bicycle facilities adjacent to the vehicular travel lanes was identified as one of the CSFs for the project. **Table 11** summarizes the qualitative impact of each alternative to provide for these facilities for safe pedestrian and bicycle travel.

Table 11: Provide Opportunity for Enhanced and Safe Pedestrian and Bicycle Travel Summary Table

CSF*	No-Build	B1	B2	B3
Establish dedicated pedestrian and bicycle facilities adjacent to vehicular travel lanes (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial

**As identified in the Longlist Evaluation*

No-Build: The No-Build scenario would not improve walk, bike, or micromobility facilities along any existing roadways, so the impact to non-vehicular access is determined to be "Neutral."

***Alternatives B1, B2, B3*:** In terms of pedestrian and bicycle travel, the target for this criterion focuses on the opportunity to accommodate safe pedestrian and bicycle travel (i.e., space requirements/amenities); it does not assess user behaviour. Overall, Alternatives B1, B2, and B3 would have a "Large Beneficial" impact by (1) providing dedicated sidewalks within the new roadway corridor connecting Hirst Road to Frank Sound Road, (2) providing a parallel micromobility path separate from vehicular traffic that can be used by cyclists, pedestrians, or emerging modes such as e-bikes or electric scooters, which enhances accessibility between the western and northern/eastern areas of the island, (3) reducing the volume of traffic using existing Shamrock Road/Bodden Town Road, thereby lowering the level of traffic stress on the existing roadway network, resulting in more pedestrians and cyclists potentially feeling more comfortable traveling on the existing roadway network, and (4) improving multimodal access to key destinations such as the Mastic Trail, Clifton Hunter High School, and Bodden Town Valu-Med Pharmacy. Additional information regarding pedestrian and bicycle travel can be found in the Traffic Technical Report.

4.7 Right of Way (ROW) and Acquisitions

Alternatives B1, B2, and B3 would impact land parcels along the entire length of the proposed facility, in some instances resulting in a partial take (where part of the property would be purchased and impacted, but part of the parcel would remain) or full taking (where the full parcel would be purchased and impacted) of that land parcel. **Table 12** provides a summary of the estimated total acreage impacted for each of the Build alternatives and No-Build scenario. A further breakdown of the impacts for each alternative can be found in **Attachment E**. The monetary cost of these takings and relocations is further discussed in the Cost Benefit Analysis for the EWA EIA Shortlist Evaluation.

In some instances, the structure on the parcel would be impacted and in other instances it would not be. **Table 13** summarizes how each alternative is estimated to impact residential, commercial, and emergency service structures.

Table 12: Summary of Parcel Impacts for Alternatives B1, B2, and B3

Alternative	Total Impact Area Acres (Hectare)
No-Build	0
B1	286.78 (116.06 hectare)
B2	253.2 (102.47 hectare)
B3	247.86 (100.31 hectare)

Table 13: Structural Acquisitions for Alternatives B1, B2, and B3

	No-Build	B1	B2	B3
Residential Structures	0	2	3	2
Commercial Structures	0	0	0	0
Emergency Structures	0	1	1	1
Total Structure Impacts	**0**	**3**	**4**	**3**

4.8 Constructability

Constructability refers to the ease of construction or the time, effort, and complexity involved with the construction process. There are several factors that influence constructability for Alternatives B1, B2, and B3. For each of the Build alternatives, the proposed corridor passes through areas that contain mangroves and wetted areas as well as areas of peat, which is an organic, mucky material. These peat areas vary in size and depth throughout the proposed corridor paths. To safely construct the roadway embankment over these areas and ensure that the proposed roadway and its embankment remain stable, special action would need to be undertaken to remove the presence of the peat material. One potential approach would be to excavate out the peat and replace it with a stabilized subgrade material. The excavation itself would be in large quantity and a slow process to ensure that the peat is fully excavated and then removed from the site. Additionally, a large amount of subgrade material would be required to fill the void left from the peat excavation. This fill material would also have to be laid and compacted in place. Since most of these areas are within heavily vegetated and wetted areas, access roads for equipment and personnel would need to be constructed and maintained to carry out this effort. As mentioned, this process of peat removal would need to occur at various locations along the entire length of the corridor with deeper areas requiring more excavation, material, and time. Another approach for possible consideration is the use of geotechnical methods that could stabilize the subsurface without removing the peat. These options may include but are not limited to using layers of geogrids or open cellular foundation mattress systems which may be constructed over the peat areas without any peat removal possibly accelerating the construction schedule and cutting costs. In order to further determine the feasibility of these approaches, additional geotechnical evaluation is required. For the purpose of this evaluation, it is assumed that the peat would be fully removed.

The ability to provide for the necessary areas required for construction staging and for construction activities was identified as one of the Engineering Constraints for the project. **Table 14** summarizes the qualitative evaluation on providing the areas necessary for construction.

Table 14: Provide for the Areas Necessary for Construction Summary Table

Engineering Constraint*	No-Build	B1	B2	B3
Provide areas required for construction staging and for construction activities *(while maintaining traffic/property access)*	Neutral	Slight Adverse	Slight Adverse	Slight Adverse

**As identified in the Longlist Evaluation*

No-Build: The No-Build scenario was included as a benchmark from which to evaluate and compare the construction impacts of the Build alternatives so the impact for the No-Build scenario for construction would be "Neutral."

***Alternatives B1, B2, B3*:** In terms of providing for the areas necessary for construction, the target for this criterion is to provide the areas required for construction staging and construction activities, while maintaining traffic/property access. Overall Alternatives B1, B2, and B3 would have a "Slight Adverse" impact by providing adequate space for maintenance of traffic and property access during construction as it is a new roadway facility, with minor anticipated construction related inconveniences.

5. Utilities

As previously described in **Section 2: Shortlist of Alternatives**, a few potential features of the EWA extension include transit transportation considerations, lighting/utilities, and a solar panel canopy. These features are not within the ambit of the NRA and their inclusion within the corridor would be dependent on the appropriate responsible entity. The following further describes the utilities and solar panel canopy.

Each of the Build alternatives B1, B2, and B3 includes accommodations for both existing and future utilities. Within the typical section of each of the Build alternatives specific space has been allotted on both the north and south sides of the corridor to allow for the construction of several utilities, such as but not limited to, sanitary sewer, water, fibre, and electricity. Typical sections for each alternative are included in **Attachment B** of this report. In addition, a number of electrical duct banks are possible to run alongside and within the roadway section to allow for highway lighting and accommodate the potential solar panel canopy. High mast, electric lines may also utilize area on the northern side of the corridor to transfer power across the island. Sanitary sewer and water lines may act similarly but in an area on the southern side of the corridor.

Utilities crossing need to be considered at structure locations. The are multiple options for the utilities to cross the structure openings. One option is the utilities may simply be buried under ground. Alternate options include mounting the utilities to the outside of the bridge barrier or the

utilities could have their own structure. The appropriate place for the utility crossings will need to be determined during a later design phase when more information is available.

The ability to accommodate utility expansion was identified as one of the CSFs for the project. **Table 15** summarizes the qualitative impact of each alternative for accommodating utilities.

Table 15: Accommodate Utility Expansion Summary Table

CSF*	No-Build	B1	B2	B3
Accommodate utility expansion (electricity, fibre, water, central sewage) **	Neutral	Large Beneficial	Large Beneficial	Large Beneficial

**As identified in the Longlist Evaluation*

*** These criteria are to provide opportunities to accommodate these features. It is outside of the ambit of the NRA to provide utilities or public transportation.*

No-Build: The No-Build scenario was included as a benchmark from which to evaluate and compare the ability to accommodate utilities expansion of the Build alternatives so the impact for the No-Build scenario for this criterion would be "Neutral."

***Alternatives B1, B2, B3*:** In terms of accommodating utilities expansion, the target of this criterion is to have the ability to accommodate utility expansion needs between Woodland Drive and Frank Sound Road. It is outside of the ambit of the NRA to provide and install utilities. Overall, Alternatives B1, B2, and B3 would have a "Large Beneficial" impact by (1) including a new roadway through an undeveloped area; therefore, the land needed could be acquired to accommodate utility expansion between Woodland Drive and Frank Sound Road, (2) including area for the inclusion of underground utility ducts that could run the length of the new roadway corridor, and (3) reducing the amount of above ground utilities that could be affected by storm events.

Solar Array (Solar Panel Canopy)

A preliminary assessment for a solar photovoltaic (PV) canopy was conducted for each of the Build alternatives. This assessment is included as **Attachment C** of this Engineering Evaluation Report. The assessment provides a preliminary PV system size, a Class 5 (+/- 30%) cost estimate, and an energy production forecast estimate.

For Alternatives B1, B2, and B3 this solar panel canopy was evaluated for a 6 mile (9.6 km) long section. The concept solar canopy consists of a 40-feet (12.2-m) wide array of solar panels located over top of the proposed micromobility path and sidewalk. The cost breakdown analysis consists of a Class 5 financial estimate in USD +/- 30%. The estimated capital expenditure (CAPEX) to build this system is estimated at approximately $78,154,056 US ($65,649,407 CI). To operate and run the system, an annual operational expenditure (OPEX) cost is estimated to be $380,201 US ($319,369 CI). The 22.23-megawatt solar array would be anticipated to offset approximately 703,556 tons of CO_2 emissions over a 30-year period.

Based on available electricity consumption and source data from WorldMeters.info for Cayman Islands in 2016, the 22.23 MW PV canopy would offset 703,556.1 tons of CO_2 emissions over a 30-year period. The average energy production would save the Cayman Islands 2,556,400 gallons (9,677,026 litres) of diesel fuel every year, and supply 5.6% of the Cayman Islands annual electricity demand based on year 2016 available data.

A cost benefit analysis of the solar panel canopy can be found as part of the separate Shortlist Evaluation document.

6. Transit

Current public transit services are provided through the Ministry of Planning, Agriculture, Housing, Infrastructure, Transport & Development's Public Transport Unit. The Public Transport Unit is directed by the Public Transport Board and oversees the issuance of permits for the operation of public passenger vehicles and the staffing and safety of public transport services (**Figure 14**). (Public Transport Unit (caymantransport.ky))

Figure 14: Grand Cayman Public Buses
Source: explorecayman.com 1

Currently twelve routes serve West Bay, George Town, Bodden Town, North Side, and East End. All routes begin and end at the bus depot on Edward Street in George Town. Bus routes are both numbered and named. A listing and brief description of these routes is provided in **Table 16**.

Table 16: Existing Public Bus Routes

Route Number	Name	Description
1WB	Yellow	From bus depot north to West Bay, serving West Bay Road, Hell, Cayman Turtle Centre, and Governor's Residence.
2WB	Green	From bus depot north to West Bay along West Bay Road with different routing in West Bay than route 1.
3WB	Purple	From bus depot north to West Bay along Esterly Tibbetts Highway, connecting to airport
4B	Bright Blue	From bus depot circulating through central George Town, connecting to Government Hospital, Sports Complex, and University College
5A	Pink	From bus depot to airport
5B	Pink	From bus depot to airport
7A	Red	From bus depot to East End via Crewe Road, Shamrock Road, passing through Bodden Town
7B	Light Green	From bus depot to East End, but first serving South Sound Road past Smith Cove rather than Crewe Road (route 7A)
8A	Orange	From bus depot to North Side via Crewe Road, Shamrock Road (not serving East End)
8B	Light Green	From bus depot to North Side via South Sound Road (rather than Crewe Road), East-West Arterial
9A	Dark Blue	From bus depot to North Side around Queens Highway through East End
9B	Light Green	From bus depot to North Side first serving South Sound Road, Shamrock Road, around Queens Highway through East End

These routes are shown in **Figure 15** along with the locations of Alternatives B1, B2, and B3.

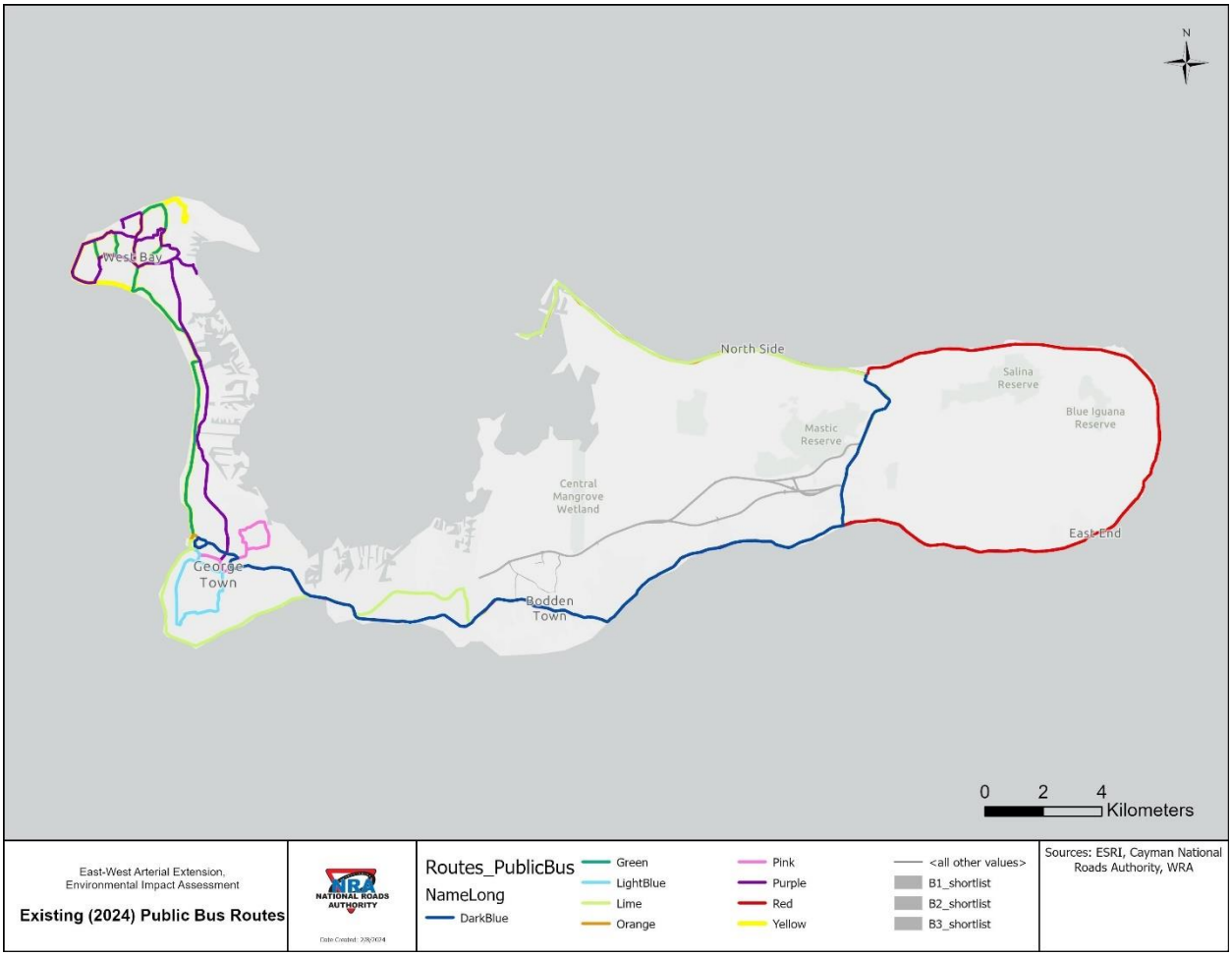


Figure 15: Existing (2024) Public Bus Routes

There are over 100 bus stops throughout Grand Cayman. Transit shelters are generally provided at stops, typically on one side of the road (**Figure 16**). Since each Build alternative is anticipated to ultimately have two travel lanes in each direction, future transit stops and shelters are recommended to be considered on each side of the roadway transit section. Pedestrians would utilize at grade crossings of the bus travel lanes to access the bus stops.

Figure 16: A Grand Cayman Bus Stop
Source: signsolutions.ky

This analysis examines the inclusion of transit infrastructure and services along Alternatives B1, B2, and B3 and integrating these services in ways that complement existing transit services. In addition, this analysis considers the Public Transport Board's policies and plans for continuing to improve transit service across the island. The Public Transport Board has a five-year Strategic Plan which is based on seven goals:

1. Governance
2. Strategic & Future Planning
3. Education & Training
4. Human & Financial Resources
5. Internal Stakeholder Engagement
6. External Community Engagement
7. Innovation

In addition, a Public Transport Strategy was adopted in 2022 (LTCT-PTU2022-001: Assessment of a Public Transport Strategy, by Deloitte). This strategy provides a longer-range vision of public transit on the island as described through strategic priority areas:

1. Increase utilization (includes capacity and quality of vehicles, dedicated bus lanes and more)
2. Improve customer experience (includes dedicated bus stops with adequate shelters and more)
3. Enhance human resources
4. Reduce emissions (includes transition toward use of electric vehicles)
5. Strengthen structural and organizational efficiencies

Collectively, the Strategic Plan and the Public Transport Strategy point toward the types of transit infrastructure and services which are most appropriate in the planned EWA project. Potential Transit Features for Build alternatives B1, B2, and B3 include:

- Modification or addition of transit routes and services
- Inclusion of transit stops and shelters along the EWA
- Inclusion of appropriate transit customer amenities (shelters, benches, lights, rider information such as routes, schedules, and real-time arrival information)
- Planning for future clean transit vehicles and infrastructure such as:
    - Battery-electric vehicles
    - Bus shelters with solar powered lights
    - Solar infrastructure to collect and store electricity
    - Vehicle charging infrastructure – depot charging and potential on-route charging

6.1 Modification or Addition of Bus Routes

Each Build alternative (B1, B2, and B3) provides the same ability in meeting the provision for transit elements and services. Depending on the Ministry's objectives for frequency of transit service, new routes could be added to the system or existing routes could be modified to serve destinations along the EWA Extension. This analysis anticipates a scenario where two of the existing routes serving the east end of the island are relocated to utilize and serve the EWA. **Figure 17** shows one proposal where the Orange and Dark Blue routes are modified to serve the EWA. Currently, all routes serving Bodden Town and East End travel along Shamrock Road. Modifying the Orange and Dark Blue routes would leave four other routes still serving Shamrock Road.

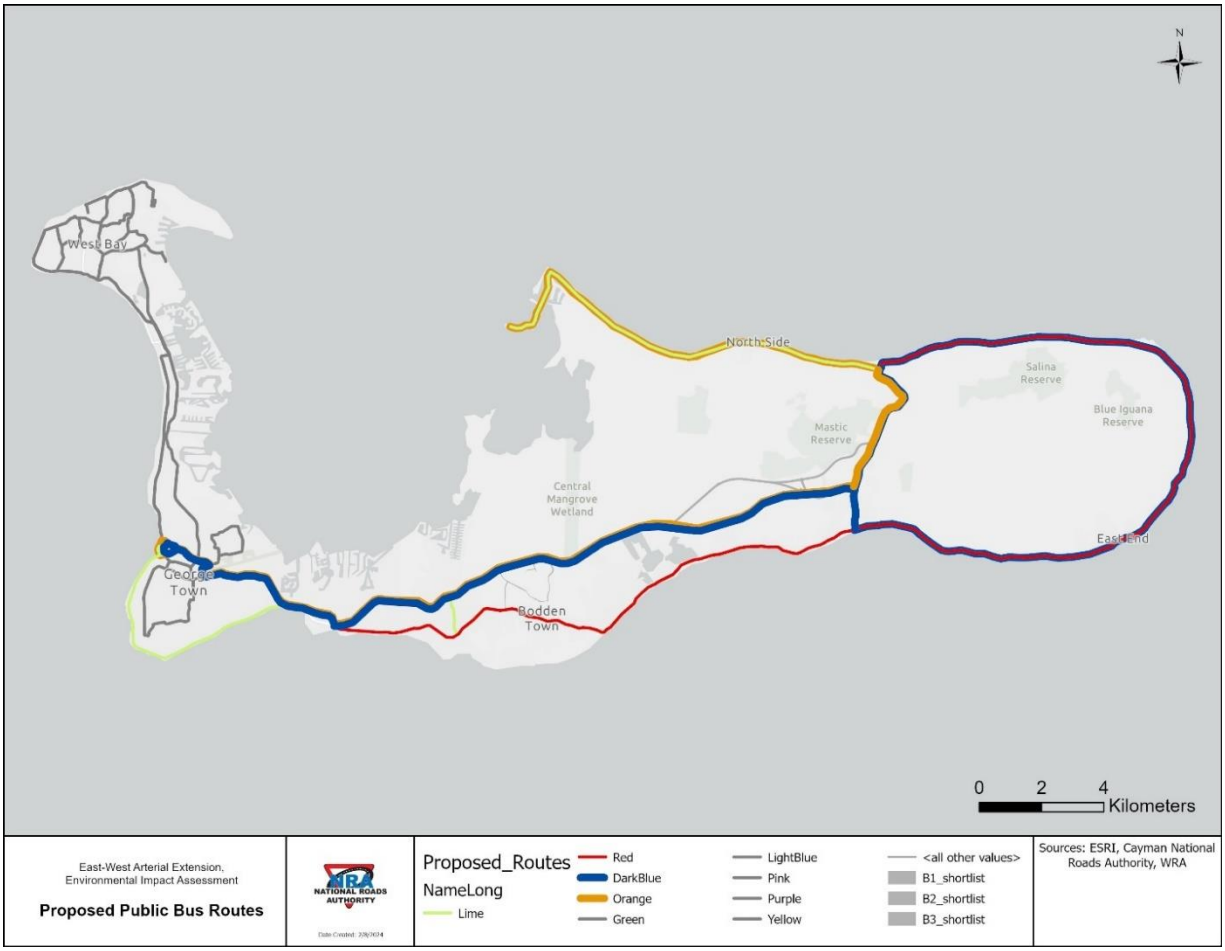


Figure 17: Proposed Public Bus Routes

6.2 Transit Stops and Shelters

The addition of new transit service along Build alternatives B1, B2, and B3 would require the installation of new bus stops and shelters (**Table 17**). As mentioned previously, along the four-lane sections, bus stops and shelters are recommended on each side of the roadway with two stops and shelters in each location. Pedestrian crosswalks will likely be necessary to provide safe places for pedestrians to cross the divided roadway. Therefore, the exact shelter locations should be coordinated with final roadway design. A preliminary assessment of the possible locations of number of stops and shelters was completed to assess the order-of-magnitude costs of transit elements and to determine if the overall costs are significantly different between alternatives.

Existing bus stops in the vicinity of Sections 1 and 2 are shown in **Figure 18**. Preliminary stop locations were also identified along Sections 1 and 2 based on the location of intersections and proximity to nearby neighbourhoods or other destinations. Five locations were identified as shown in **Figure 18**. (Five locations x two stops per location = 10 bus stops and 10 bus shelters.)

Table 17: Bus Stops and Shelters

EWA Section	Number of Bus Stops with Shelters	Estimated Cost US $ (CI$)
1 and 2	10	$250,000 US ($210,000 CI)
3	14	$350,000 US ($294,000 CI)
Total	**24**	**$600,000** US ($504,000 CI)

Estimated construction of a bus stop with a shelter can range from $15,000 - $75,000 US ($12,600 - $63,000 CI) per location based on the level of customization and customer amenities. Bus shelter amenities may include items such as but not limited to benches, trash bins, lights, rider information (static route maps, or real-time arrival information) and more. For this analysis a cost of $25,000 US ($21,000 CI) per location was used as an assumption. The number of stops and shelters is estimated in **Table 16**. These quantities are based on the locations shown in **Figure 18** plus four additional shelters assumed to be constructed commensurate with planned developments in the vicinity of Lookout Drive.

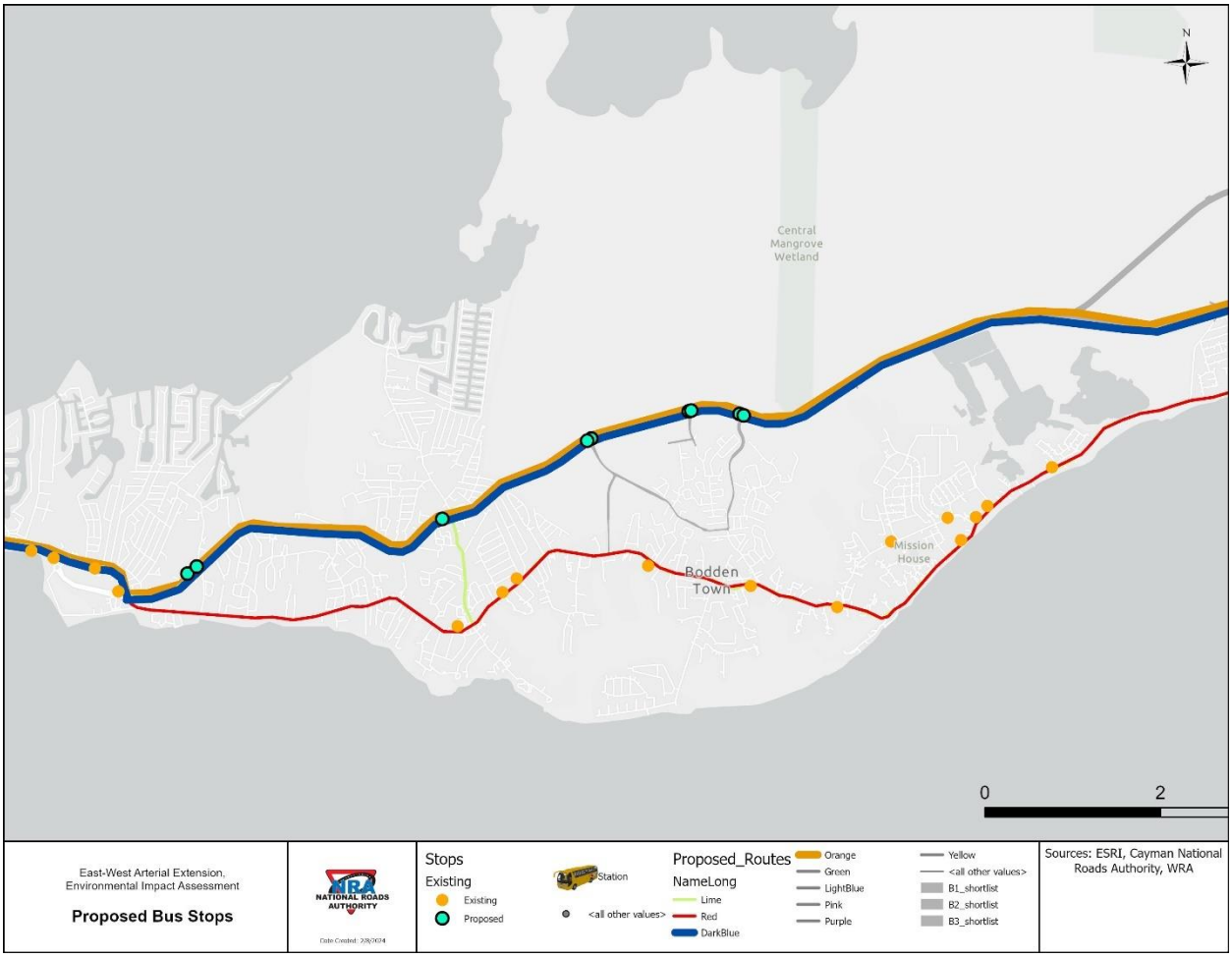


Figure 18: Existing and Proposed Bus Stops

6.3 Transit Customer Amenities

As mentioned in the previous section, there are many possible transit customer amenities available (**Figures 19** and **20**) that can be considered for the EWA corridor. Some practical and helpful amenities recommended for consideration at new stops and shelters include covered shelters with lights and rider information. Modern LED lighting uses less electricity than older technologies and can even be solar powered. Shelters can have roof-mounted solar panels and batteries to extend the lighting late into the night. The solar array discussed previously in this report is also a potential source for powering the lights and real-time rider information. Transit shelters should have information about bus routes and schedules at a minimum. Electronic, real-time rider information is also recommended to enhance the rider experience. These "smart" shelters can be equipped to display the location and predicted arrival time of the next bus – useful information to a waiting customer.

Figure 19: Example of a Public Bus Stop With an Electronic Schedule Display
Source: TourDigital

Figure 20: Example of a Public Bus Stop with Safety Lighting
Source: Handi-Hut.com

6.4 Planning for Clean and Sustainable Transit

Transit service in the new EWA corridor provides an opportunity to further implement the Public Transport Board's vision for clean, efficient, and sustainable transit. To further compliment solar-powered lights and customer information electronics, consideration can also be given to future transit vehicles using battery electric propulsion. Battery electric vehicles have been growing in the vehicle mix as the technologies have been rapidly advancing. Advancements in battery technology, charging systems, electric grid resiliency and operational planning have all contributed to the continued growth in the use of battery electric buses. (FTA Report No. 0253 – Procuring and Maintaining Battery Electric Buses and Charging Systems – Best Practices)

Using battery electric transit vehicles, however, does require careful system planning. In particular, the requirements for range and for recharging public transit vehicles is an important consideration. Battery electric buses may not be a practical solution in locations with very cold weather, hilly terrain, and long routes; however, Grand Cayman may be well suited for battery electric buses or vans based on the climate, flat terrain, and relatively short route distances.

While depot-charging (charging buses at the bus depot) may be an acceptable approach to charging, future bus routes on the EWA to East End and North Side (which are the longer routes) should consider the use of on-route quick charging (**Figures 21** and **22**). This type of charging is capable of returning most of the vehicle's battery charge much faster than traditional depot-charging. Ideally, the battery electric vehicle would recharge at each end of its route – at the bus depot and at an end-of-the-line station on the east end of the island.

Battery Electric Bus (BEB) Charging

1. BEB range can vary from less than 100 miles (161 km) to over 200 miles (322 km) depending on the size of the battery pack and many operating variables (terrain, temperature, use of on-board heating, etc.). So, careful planning is required to match vehicle capabilities with the operating expectations, considering the length of bus routes, daily hours of service, and hours of downtime for charging.
2. Depot charging can typically provide 40-125 kW and charge time may vary between 1-8 hours.
3. On-route fast charging may deliver higher power (125-500 kW) with reduced charge time of 5-20 minutes per charge. On-route charging may allow the use of vehicles with small onboard batteries and allow vehicles to remain in service for an entire day. Planning is necessary, however, to ensure that vehicle dwell time at an on-route charger (typically at an end-of-the-line station) is adequate to replenish the batteries.
4. Regardless of the charging strategy, system planning must also consider back-up charging in the event of a wide-spread power outage.

Figure 21: Example of Typical Bus Depot Charging
Source: EVSE Australia

Figure 22: Example of On-Route Quick Charging
Source: USDOT

The establishment of public transportation facilities and improved bus travel reliability was identified as one of the CSFs for the project. **Table 18** summarizes the qualitative impact of each alternative for providing for the opportunity to safely accommodate and expand public transportation.

Table 18: Safely Accommodate and Expand Public Transportation Summary Table

CSF*	No-Build	B1	B2	B3
Establish public transportation facilities and improve bus travel reliability**	Neutral	Large Beneficial	Large Beneficial	Large Beneficial

**As identified in the Longlist Evaluation*

*** These criteria are to provide opportunities to accommodate these features. It is outside of the ambit of the NRA to provide utilities or public transportation.*

No-Build: The No-Build scenario provides little opportunity to improve public transportation facilities along the existing east-west roadway network due to limited availability of space, so the impact to bus travel reliability is determined to be "Neutral."

***Alternatives B1, B2, B3*:** In terms of accommodating public transportation, this evaluation/ranking focuses on the ability to accommodate safe and efficient public transportation (i.e., space requirements); it does not include the specific design of a public transportation system (i.e., stops, fares, scheduling, etc.) or analysis of user behaviour. This criterion is an opportunity to provide for public transit features within the proposed new roadway corridor. It is outside of the ambit of the NRA to provide public transportation. Overall, Alternatives B1, B2, and B3 would have a "Large Beneficial" impact by (1) including a new roadway through an undeveloped area; therefore,

ROW could be acquired to accommodate a Dedicated Bus Lane between Woodland Drive and Frank Sound Road, and (2) including the necessary dedicated transit stops along the new roadway corridor.

7. Cost Estimate

The section describes the cost estimates that have been prepared for Build alternatives B1, B2, and B3 as well as the No-Build scenario. Each estimate includes estimated costs for construction of the new facility and maintenance & rehabilitation repairs for the identified 50-year time cycle. ROW/property acquisition costs are also included and are described in **Section 7.2: Right of Way (ROW) Costs** of this report. Other costs that will also need to be considered are the costs associated with utility relocations and mitigation measures. These costs will be evaluated and estimated, as applicable, for the Preferred Alternative. Costs associated with features outside the ambit of the NRA (i.e. utilities, solar panel canopy, bus shelters) are not included within the estimated costs. See the separate Cost Benefit Analysis for present value estimates.

7.1 Construction Costs

To determine the construction costs for the alternatives, a preliminary list of construction materials and activities required to build the proposed project was developed. These materials and activities reflect the items that are quantifiable at this stage of the project design and are considered to have the largest impact on cost. These items were quantified for each build year scenario previously described in **Tables 1** and **2** for the years 2026, 2036, 2046, 2060, and 2074. Additionally, materials and activities related to the identified 50-year time cycle of the facility, such as maintenance and reconstruction, were also considered. The items quantified for the roadway construction include excavation, embankment material and rock for the slopes of the roadway, asphalt and rock for the roadway pavement, concrete for sidewalks, curbs and medians, concrete barrier, paint for pavement markings, highway lighting, and a drainage and stormwater allowance. Drainage and stormwater management will be further evaluated as part of the Preferred Alternative. Construction cost estimate sheets can be found in **Attachment D**.

To determine the excavation and required fill material for the roadway embankment, a 3D model was created from the proposed alignment, profile, and typical sections utilizing Bentley OpenRoads Designer, a computer modelling and roadway design software. This model was used in conjunction with the surveyed terrain of the project area to produce a model that reflects how the proposed roadway corridor would interact with the existing area. To determine the peat removal volumes, a vertical profile of the bottom of peat areas was created based on the test pit data collected for the areas along the original gazetted corridor. Using this profile, a 3D model of the peat depth layer was created and then the computer software was used to calculate volumes of excavation and fill from the generated model. See the Geo-Environmental Technical Report for additional information regarding underlying geology, including maps of peat depth along the corridor.

A preliminary pavement structure for the roadway was determined based on previous similar projects constructed by the NRA on the island. The total area of material for the pavement structure was then quantified by overlaying the lane configuration of the roadway onto the proposed alignments and creating a closed, measurable shape file that reflects the proposed shape of the

roadway pavement surface. The structure for the proposed concrete curb, sidewalk, micromobility pathway and median barrier were also determined using this methodology. Speciality items that include highway lighting were determined based on a set distance along the proposed alignment for spacing purposes as well as total pavement area per each lighting structure.

Construction costs for the proposed bridges along the corridor were determined based on a unit cost per square foot (metre) of bridge deck area. To establish a typical square foot (metre) unit cost for this analysis, conceptual bridge geometry was developed for a representative bridge type and quantities were developed for the major cost items including concrete, reinforcing steel, traffic barriers, and slope protection. The total cost of the representative bridge was calculated based on these quantities, and the resulting cost per square foot (metre) was applied to the proposed number of bridges for each of the Build alternatives. For future build years where widening existing bridges would be necessary to construct additional travel lanes, a 20% cost premium was placed on the widened portions of the structures to account for the increased cost of bridge widening versus new construction.

The No-Build scenario estimate includes the use of the existing roadway footprint from the end of Section 1 of the EWA now under construction, along Hirst Road, then along Shamrock Road to Bodden Town Road, and finally continuing to the intersection with Frank Sound Road. These sections of existing road were considered the most comparable route within the existing road network (No-Build scenario) to that of the other Build alternatives. The total pavement area was then used to calculate estimated rehabilitation quantities/costs throughout the build years. Similar to the Build alternatives, pavement resurfacing was considered for the build years, as well as one iteration of total reconstruction.

Unit rate costs were developed using HCSS HeavyBid, a professional construction estimating software package utilized by over 50,000 estimating professionals and 44 of the top 50 ENR Heavy Civil Contractors in the US. In order to generate unit rate costs, current labour, equipment, and materials rates were entered into an estimation database developed specifically for the EWA Project. Crews were then developed, and job task activities were generated to represent the anticipated work to be undertaken as part of the EWA Project. These include activities such as asphalt paving, bridge structure construction, drainage construction, and earthwork excavation and backfill. Using crews populated with labour, equipment, and materials unique for each activity, production rates were established based on past performance data from dozens of other similar projects, and these production rates were applied to representative quantities to develop costs incurred in performing the work. The software package also includes calculations for fuel and maintenance costs of equipment, labour overtime calculations, workmen's compensation costs, and taxes, fees, and tariffs. All of this information was compiled within the software to produce a comprehensive and extensive analysis of actual anticipated cost expenditures for the project, which were exported as unit rate costs and then applied to the various quantity variations across Alternatives B1, B2, and B3 and the No-Build scenario.

Table 19 (a and **b)** presents the estimated construction and maintenance costs for the No-Build scenario, as well as each of the Build alternatives B1, B2, and B3 broken down by build year. The

No-build costs include maintenance updates to the coastal road only. Maintenance for the build alternatives includes maintenance of the components from the previous build years.

Table 19a: Construction and Maintenance Costs for Alternatives B1, B2, and B3 (US Dollars)

		New Construction Cost	Maintenance Construction Cost	Total Construction Cost Subtotal By Year	Estimated Construction Cost Subtotal	Contingency (%)	Total Estimated Construction Cost (US$)
No Build Summary	**2026 Totals:**	$0.00	$11,283,931.54	$11,283,931.54	$59,713,524.54	20%	$71,656,229.45
	2036 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
	2046 Totals:	$0.00	$14,577,798.38	$14,577,798.38			
	2060 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
	2074 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
Alternate B1 Summary	**2026 Totals:**	$236,461,638.13	$0.00	$236,461,638.13	$751,369,526.61	20%	$901,643,431.93
	2036 Totals:	$150,965,173.15	$17,785,263.36	$168,750,436.51			
	2046 Totals:	$131,962,249.52	$25,533,020.45	$157,495,269.97			
	2060 Totals:	$0.00	$30,525,031.91	$30,525,031.91			
	2074 Totals:	$100,401,121.67	$57,736,028.42	$158,137,150.09			
Alternate B2 Summary	**2026 Totals:**	$211,924,577.94	$0.00	$211,924,577.94	$675,066,949.15	20%	$810,080,338.98
	2036 Totals:	$142,551,915.69	$15,162,565.93	$157,714,481.62			
	2046 Totals:	$123,018,337.55	$22,487,171.10	$145,505,508.64			
	2060 Totals:	$0.00	$26,659,592.89	$26,659,592.89			
	2074 Totals:	$93,644,146.63	$39,618,641.42	$133,262,788.05			
Alternate B3 Summary	**2026 Totals:**	$212,007,580.38	$0.00	$212,007,580.38	$678,218,670.56	20%	$813,862,404.67
	2036 Totals:	$139,599,273.05	$15,418,971.30	$155,018,244.35			
	2046 Totals:	$123,854,993.41	$22,950,142.55	$146,805,135.97			
	2060 Totals:	$0.00	$27,228,629.23	$27,228,629.23			
	2074 Totals:	$85,041,015.20	$52,118,065.43	$137,159,080.63			

** Further cost breakdown information is provided in Attachment D of this report.*

***Anticipated components included in each year are shown in Tables 1 and 2 of this report*

Table 19b: Construction and Maintenance Costs for Alternatives B1, B2, and B3 (CI Dollars)

		New Construction Cost	Maintenance Construction Cost	Total Construction Cost Subtotal By Year	Estimated Construction Cost Subtotal	Contingency (%)	Total Estimated Construction Cost (CI$)
No Build Summary	**2026 Totals:**	$0.00	$9,478,502.49	$9,478,502.49	$50,159,360.62	20%	$60,191,232.74
	2036 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
	2046 Totals:	$0.00	$12,245,350.64	$12,245,350.64			
	2060 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
	2074 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
Alternate B1 Summary	**2026 Totals:**	$198,627,776.03	$0.00	$198,627,776.03	$631,150,402.35	20%	$757,380,482.82
	2036 Totals:	$126,810,745.45	$14,939,621.22	$141,750,366.67			
	2046 Totals:	$110,848,289.60	$21,447,737.18	$132,296,026.78			
	2060 Totals:	$0.00	$25,641,026.80	$25,641,026.80			
	2074 Totals:	$84,336,942.20	$48,498,263.87	$132,835,206.08			
Alternate B2 Summary	**2026 Totals:**	$178,016,645.47	$0.00	$178,016,645.47	$567,056,237.28	20%	$680,467,484.74
	2036 Totals:	$119,743,609.18	$12,736,555.38	$132,480,164.56			
	2046 Totals:	$103,335,403.54	$18,889,223.72	$122,224,627.26			
	2060 Totals:	$0.00	$22,394,058.03	$22,394,058.03			
	2074 Totals:	$78,661,083.17	$33,279,658.80	$111,940,741.96			
Alternate B3 Summary	**2026 Totals:**	$178,086,367.52	$0.00	$178,086,367.52	$569,703,683.27	20%	$683,644,419.92
	2036 Totals:	$117,263,389.36	$12,951,935.89	$130,215,325.25			
	2046 Totals:	$104,038,194.47	$19,278,119.75	$123,316,314.21			
	2060 Totals:	$0.00	$22,872,048.55	$22,872,048.55			
	2074 Totals:	$71,434,452.77	$43,779,174.96	$115,213,627.73			

** Further cost breakdown information is provided in Attachment D of this report.*

***Anticipated components included in each year are shown in Tables 1 and 2 of this report.*

7.2 Right of Way (ROW) Costs

To determine the cost of acquiring ROW to construct Alternatives B1, B2, and B3, a corridor width of 220 feet (67.1 m) was used as the maximum possible disturbance area to determine impacts. For this analysis a property and parcel map provided by the NRA was utilized to determine which properties and how much of the properties would be impacted by each of the Build alternatives. Each parcel was analysed individually with some properties requiring partial takes of the area and others requiring most or all of the property area for a parcel. The presence of homes, commercial buildings, and other structures such as fences, walls, gates, and landscaping were also considered as part of the property impact as well as the effort required to demolish the existing structures. Additional property considerations within each of the Build alternative corridors included the presence of wetlands, parrot habitat, and impact to the National Trust lands. For these factors, the Cayman Islands Land & Survey Department Valuation Office determined and provided an estimated cost per square foot (metre) as well as additional costs for impact to buildings and other structures. A breakdown of the square foot (metre) impact and cost for each parcel impacted can be found in **Attachment E** for each of the Build alternatives.

Table 20 presents the estimated ROW costs for each of the Build alternatives B1, B2, and B3 and No-Build scenario.

Table 20: Estimated ROW Costs

	No-Build	B1	B2	B3
Estimated Cost* 2023 US Dollars (CI Dollars)	$0	$22,542,686 ($18,935,856)	$21,509,800 ($18,068,232)	$20,158,564 ($16,933,193)

**Further cost breakdown information is provided in Attachment E of this report. Values shown for each alternative include Will T Connector costs.*

7.3 Total Costs

Overall estimated total costs were calculated from combining the estimated construction costs shown in **Table 19** and estimated ROW costs shown in **Table 20**, which includes any possible maintenance and rehabilitation costs for each of the Build alternatives B1, B2 and B3 and No-Build scenario through horizon year 2074. Further cost breakdown information is provided in **Attachment D** and **Attachment E**.

Table 21 presents the estimated total costs for each of the alternatives.

Table 21: Estimated Total Costs

	No-Build	B1	B2	B3
Estimated Construction and Maintenance Cost US Dollars (CI Dollars)	$71,656,230 ($60,191,233)	$901,643,432 ($757,380,483)	$810,080,339 ($680,467,485)	$813,862,405 ($683,644,420)
Estimated ROW Cost US Dollars (CI Dollars)	$0	$22,542,686 ($18,935,856)	$21,509,800 ($18,068,232)	$20,158,564 ($16,933,193)
Estimated Total Cost US Dollars (CI Dollars)	$71,656,230 ($60,191,233)	$924,186,118 ($776,316,339)	$831,590,139 ($698,535,717)	$834,020,969 ($700,577,613)

8. Shortlist Evaluation

8.1 Quantitative

Table 22 summarizes the results of the quantitative analysis of the Shortlist of Alternatives including the No-Build scenario and Build alternatives B1, B2, and B3. **Table 22** provides an evaluation of the primary east-west corridor (excluding the Will T Connector). These alternatives were evaluated in relation to the CSFs relevant to the engineering features and to the Engineering Constraints identified in the Final ToR and in the Longlist Evaluation. Further information on the evaluation of each of these criteria is provided in the previous sections of this report.

Table 22: Summary Table of Quantitative Engineering Features Evaluated

Feature	No-Build	B1	B2	B3
Corridor Width	Varies 24 feet (7.3 m) to 34 feet (10.4 m)	220 feet (67 m)	220 feet (67 m)	220 feet (67 m)
Mainline Corridor Length (excludes Will T Connector)	9.2 miles (14.8 km)	9.7 miles (15.5 km)	7.6 miles (12.2 km)	7.9 miles (12.7 km)
Vertical Profile	Varies	Roadway surface elevation above 50-year storm event. Bridge clearance 3 feet (0.9 m) above 50-year high water elevation	Roadway surface elevation above 50-year storm event. Bridge clearance 3 feet (0.9 m) above 50-year high water elevation	Roadway surface elevation above 50-year storm event. Bridge clearance 3 feet (0.9 m) above 50-year high water elevation
Number of Travel Lanes (Year 2026/2074)	2	2/4	2/4	2/4

Feature	No-Build	B1	B2	B3
Number of Bridges	0	18	16	15
Pedestrian Sidewalk	As Existing	Entire Length - Section 2 and Section 3	Entire Length - Section 2 and Section 3	Entire Length - Section 2 and Section 3
Micromobility Path	None	Entire Length - Section 2 and Section 3	Entire Length - Section 2 and Section 3	Entire Length - Section 2 and Section 3
Solar Array* Accommodations	None	6 miles (9.6 km) long	6 miles (9.6 km) long	6 miles (9.6 km) long
Utilities* Accommodations	Existing	Underground Utilities Ducts for Power and communication, Water Supply, & Sanitary Sewer. Aerial transmission power lines optional	Underground Utilities Ducts for Power and communication, Water Supply, & Sanitary Sewer. Aerial transmission power lines optional	Underground Utilities Ducts for Power and communication, Water Supply, & Sanitary Sewer. Aerial transmission power lines optional
Transit* Accommodations	None	2 Transit Lanes	2 Transit Lanes	2 Transit Lanes
Estimated Total Cost**	$71,656,230 ($60,191,233)	$924,186,118 ($776,316,339)	$831,590,139 ($698,535,717)	$834,020,969 ($700,577,613)
Constructability Considerations	None	Peat Removal or Subgrade Stabilization using Geotechnical Enhancements	Peat Removal or Subgrade Stabilization using Geotechnical Enhancements	Peat Removal or Subgrade Stabilization using Geotechnical Enhancements

* *These criteria are to provide opportunities to accommodate these features. It is outside of the ambit of the NRA to provide the solar array, utilities or public transportation.*

** *Includes estimated costs for construction, ROW, & Maintenance. Does not include estimated costs for mitigation and utilities relocation and the mitigation measures.*

8.2 Qualitative

The following **Table 23** summarizes the results of the qualitative analysis of the Shortlist of Alternatives including the No-Build scenario and three Build alternatives (B1, B2, and B3). These alternatives were evaluated in relation to the CSFs relevant to the engineering features and to the Engineering Constraints identified in the Longlist Evaluation. Further information on the evaluation of each of these criteria is provided in the previous sections of this report.

Table 23: Summary Table of Qualitative Assessment of CSFs and Engineering Constraints

	No-Build	B1	B2	B3
CSFs Relevant to the Engineering Features*				
CSF: Create an alternative travel route to the existing two-lane Bodden Town Road				
Provide an alternative roadway facility to accommodate travel in the event of a roadway closure (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial
CSF: Improve resiliency of existing roadway between North Side/East End and George Town/West Bay				
Improve resiliency of the travel route to flooding from sea level rise, storm surge, wave overtopping, and rainfall (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial
CSF: Accommodate utility expansion (electricity, fiber, water, central sewage) **				
Establish area adjacent to roadway to provide for utility needs	Neutral	Large Beneficial	Large Beneficial	Large Beneficial
CSF: Provide opportunity to safely accommodate and expand public transportation **				
Establish public transportation facilities and improve bus travel reliability (Also included in the Socioeconomic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial
CSF: Provide opportunity for enhanced and safe pedestrian and bicycle travel				
Establish dedicated pedestrian and bicycle facilities adjacent to vehicular travel lanes (Also included in the Traffic Assessment)	Neutral	Large Beneficial	Large Beneficial	Large Beneficial
CSF: Overall Qualitative Rating	**Neutral**	**Large Beneficial**	**Large Beneficial**	**Large Beneficial**
Engineering Constraints*				
Provide for sound geometric design conditions				
Amount of property affected to improve roadway to achieve sound geometric design conditions	Neutral	Slight Adverse	Slight Adverse	Slight Adverse
Provide for the areas necessary for construction				
Provide areas required for construction staging and for construction activities	Neutral	Slight Adverse	Slight Adverse	Slight Adverse
Engineering Constraints: Overall Qualitative Rating	**Neutral**	**Slight Adverse**	**Slight Adverse**	**Slight Adverse**

**As identified in the Longlist Evaluation*

*** These criteria are to provide opportunities to accommodate these features. It is outside of ambit of the NRA to provide utilities or public transportation.*

8.3 Monetary

Select inflation adjusted monetary values are presented in **Tables 18, 19,** and **20**. As part of the Cost Benefit Analysis prepared for this project, the engineering impacts of each alternative including the No-Build scenario and Build alternatives B1, B2, and B3 will be further monetized. See the separate Cost Benefit Analysis and Shortlist Evaluation Document for details regarding the engineering monetary valuation in relation to the overall project horizon year (2074).

9. Shortlist Evaluation Summary

This Shortlist Evaluation includes a quantitative analysis for the engineering features evaluated as shown in **Table 22** for the No-Build scenario and each of the Build alternatives (B1, B2, and B3). Also included in **Table 23** is a qualitative analysis of the engineering features in relation to the CSFs and the Engineering Constraints that were established in the Final ToR and in the Longlist Evaluation. The CSFs are the aspects of the project that are vital to its success. These are the main goals that the completed project would accomplish. The CSFs were developed based on the Final ToR for the EWA Extension. The Engineering Constraints include the necessities to construct the proposed project. The goal of the project is to construct a sound and resilient roadway that best meets the identified purpose and needs for the project. **Table 24** summarizes the qualitative results of each evaluation for the relevant CSFs to the engineering features and to the identified Engineering Constraints.

For the unavoidable impacts resulting from each of the Build alternatives, mitigation measures to aid in offsetting impacts may be possible. Mitigation measures have not been considered as part of this Shortlist Evaluation but will be investigated and identified for the Preferred Alternative and documented in the forthcoming Environmental Statement Document.

Table 24: Summary Table of Engineering Analysis

	No-Build	B1	B2	B3
CSFs: Overall Qualitative Rating	**Neutral**	**Large Beneficial**	**Large Beneficial**	**Large Beneficial**
Engineering Constraints: Overall Qualitative Rating	**Neutral**	**Slight Adverse**	**Slight Adverse**	**Slight Adverse**
Estimated Total Cost US Dollars (CI Dollars)	$71,656,230 ($60,191,233)	$924,186,118 ($776,316,339)	$831,590,139 ($698,535,717)	$834,020,969 ($700,577,613)

The following summarizes the results of the engineering analysis:

- *No-Build* – The No-Build scenario was evaluated as the baseline for comparison against the Build alternatives, and the engineering evaluation results generally indicate that travel conditions will continue to deteriorate within the study area without any large-scale roadway infrastructure improvements. This alternative would also not satisfy any of the CSFs identified for the engineering features for this project. Any individual improvement projects to the existing roadway network would not result in the magnitude of impacts compared to any of the Build alternatives thus resulting in an overall **Neutral** qualitative rating.

- *Alternative B2* – Alternative B2 is anticipated to be the least impactful of the three Build alternatives, while meeting the CSFs. Although Alternative B2 has the same qualitative ratings as Alternative B1 and Alternative B3, Alternative B2 is anticipated to require less ROW and have lower total costs.

- *Alternative B3* – Alternative B3 is anticipated to be the second least impactful of the three Build alternatives, while meeting the CSFs. Although Alternative B3 has the same qualitative ratings as Alternative B1 and Alternative B2, Alternative B3 is anticipated to have the second highest total costs.

- *Alternative B1* - Alternative B1 is anticipated to be the most impactful of the three Build alternatives, while meeting the CSFs. Although Alternative B1 has the same qualitative ratings as Alternative B2 and Alternative B3, Alternative B1 is anticipated to have the highest impacts and costs due to the addition of a northern spur connection to Frank Sound Road which would include two additional bridges for waterway openings and a bridge over the existing Mastic Trail.

This Engineering Assessment is one in a series of Technical Reports that have been prepared for the Shortlist Evaluation. The level of impacts and the identification of the least impactful alternative will differ based on the resource/feature evaluated in each of the Technical Reports. Therefore, the least impactful alternative described in this evaluation summary and in each technical document **does not** move an alternative forward to the Preferred Evaluation nor does it constitute any special weighting or extra consideration in the Shortlist Evaluation Document. The comprehensive analysis of all the resources/features evaluated along with the rationale for the identification of the Preferred Alternative are presented in the Shortlist Evaluation Document.

References

A Policy on Geometric Design of Highways and Streets, 2018. American Association of State Highway and Transportation Officials, Washington D.C., 2018.

Cayman East-West Arterial Road Flood Modeling and Roadway Drainage Openings – Final Report. W.F. Baird & Associates Coastal Engineers Ltd. January 2024.

Guidebook for Deploying Battery Electric Buses, FTA Report No. 0254, Center for Urban Transportation Research, August 2023, https://www.transit.dot.gov/sites/fta.dot.gov/files/2023-08/FTA-Report-No-0254.pdf

Guide for the development of Bicycle Facilities. American Association of State Highway and Transportation Officials, Washington, D.C., 2012.

Guide for the Planning, Design, and Operation of Pedestrian Facilities. American Association of State Highway and Transportation Officials, Washington, D.C., July 2004.

Hydraulic and Hydrologic Studies of Proposed East-West Arterial Roadway Expansion. Remington & Vernick Engineers. February 2024.

Penn State College of Engineering, Larson Transportation Institute's Bus Research and Testing Center, various bus tests (a.k.a. Altonna tests), https://www.altoonabustest.psu.edu/index.aspx *Roadside Design Guide*. American Association of State Highway and Transportation Officials, Washington, D.C., 2011.

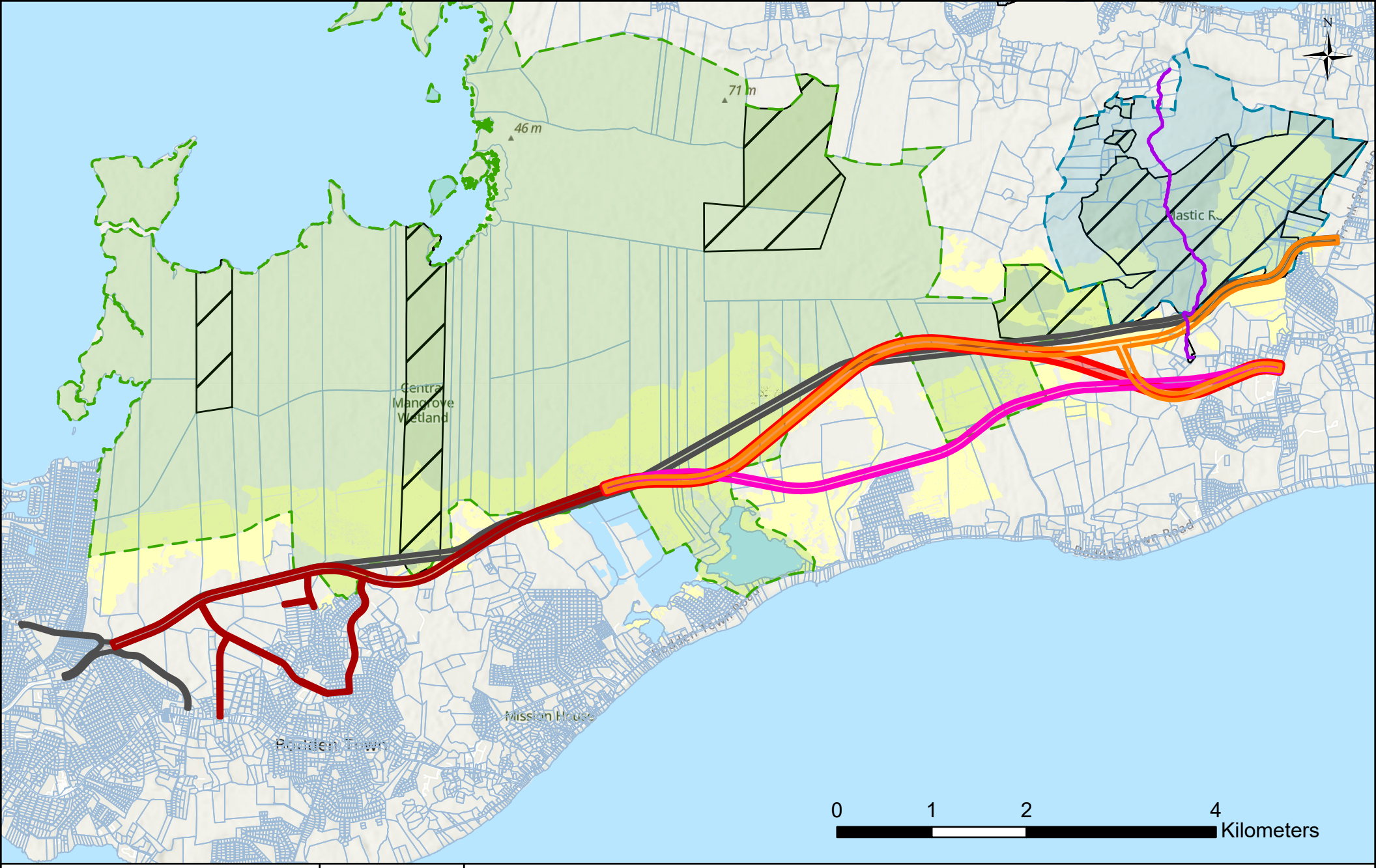
Roadside Design Guide. American Association of State Highway and Transportation Officials, Washington D.C., 4th Edition, 2011.

Sandt, L. *The basics of micromobility and related motorized devices for personal transport*. Pedestrian and Bicycle Information Center, October 2019, Chapel Hill, NC.

Urban Bikeway Design Guide. April 2011 Edition, National Association of City Transportation Officials, Washington, D.C., 2011.

Attachment A

Comparison to Original Gazetted Alternative

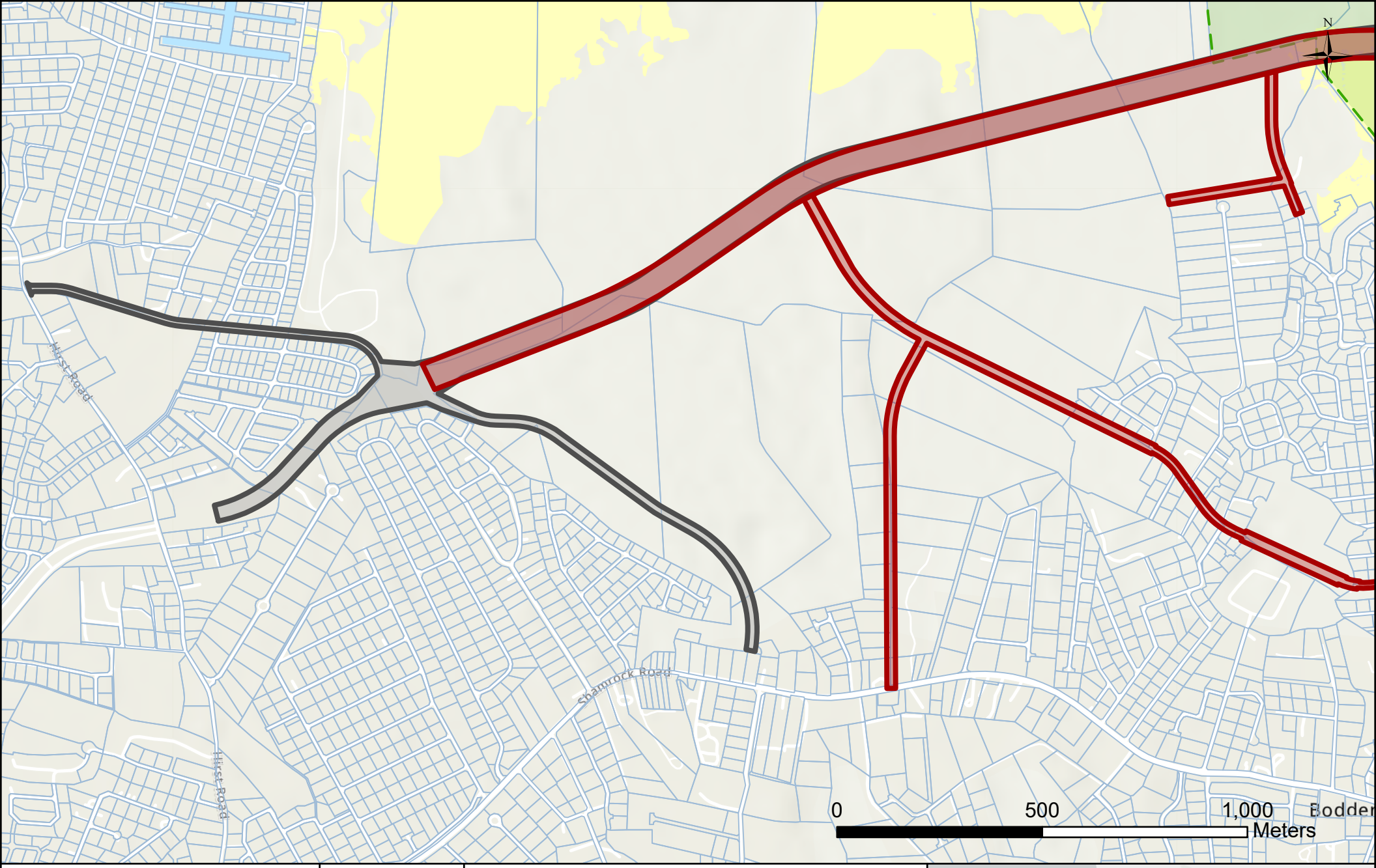


East-West Arterial Extension, Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3

NRA NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
- Central Mangrove Wetland
- National Trust Land
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail



East-West Arterial Extension,
Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3: Map 1 of 5

NRA NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
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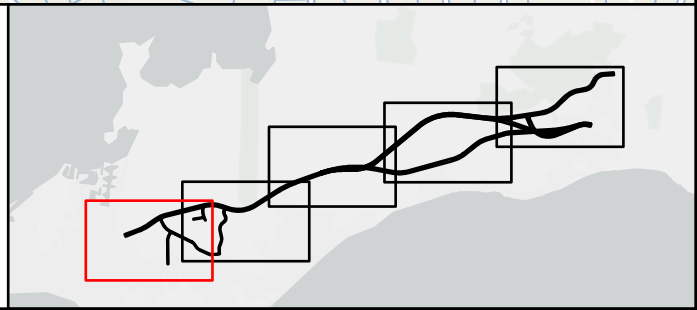
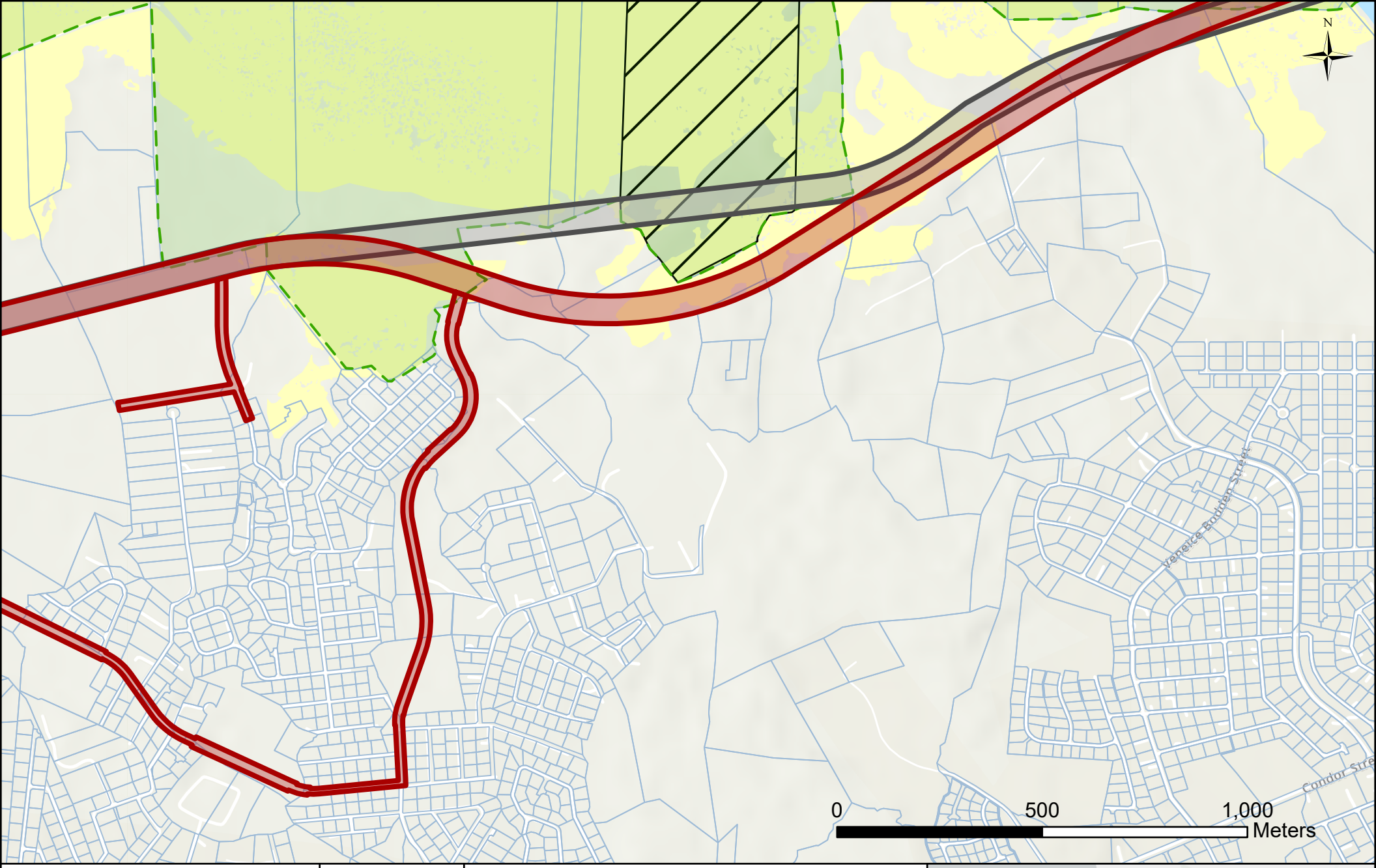
- National Trust Land
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail





East-West Arterial Extension,
Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3: Map 2 of 5

NRA
NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
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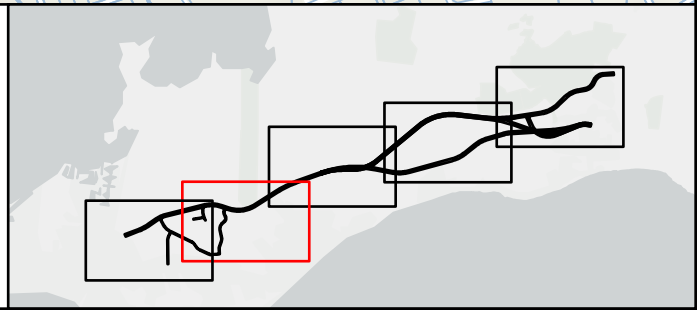
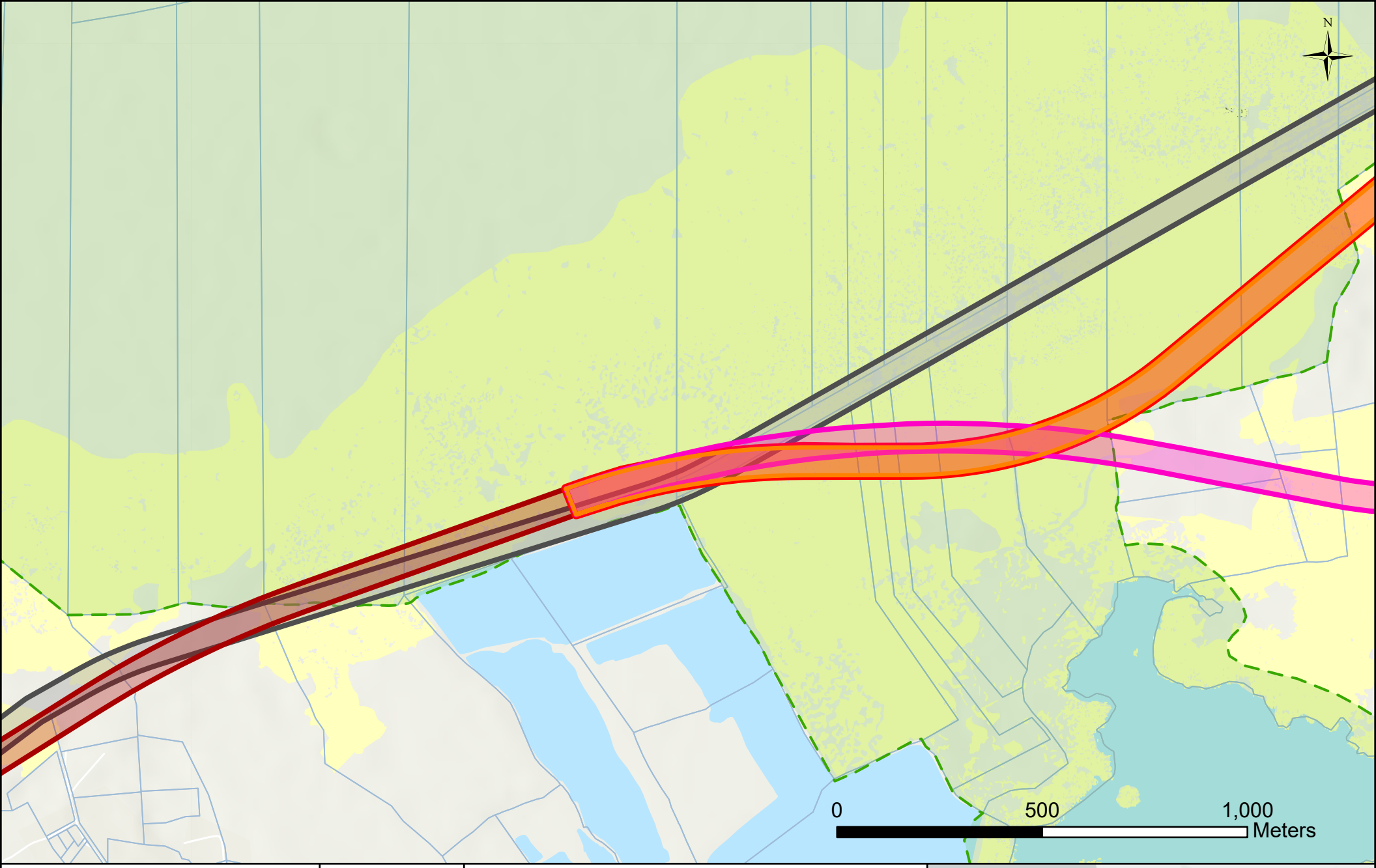
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail



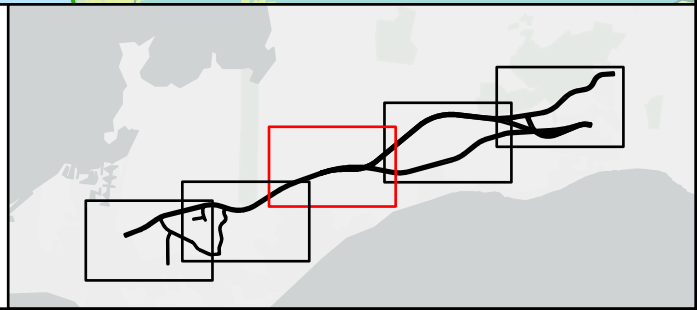


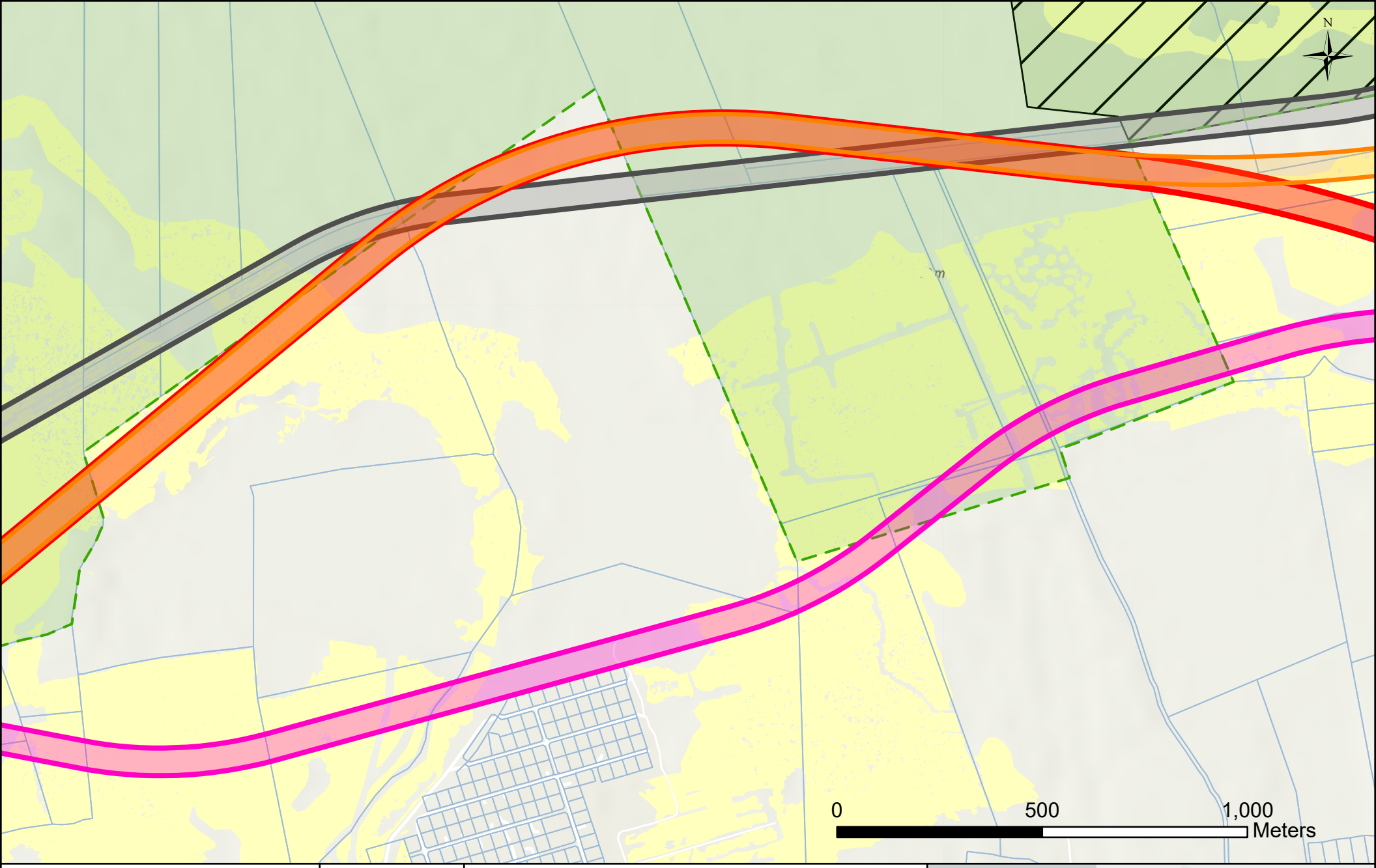
East-West Arterial Extension,
Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3: Map 3 of 5

NRA NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
- Central Mangrove Wetland
- National Trust Land
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail



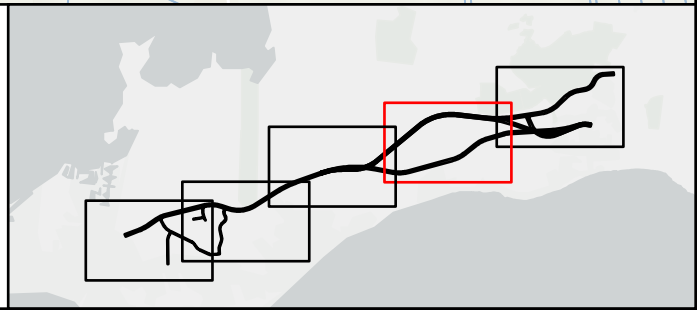


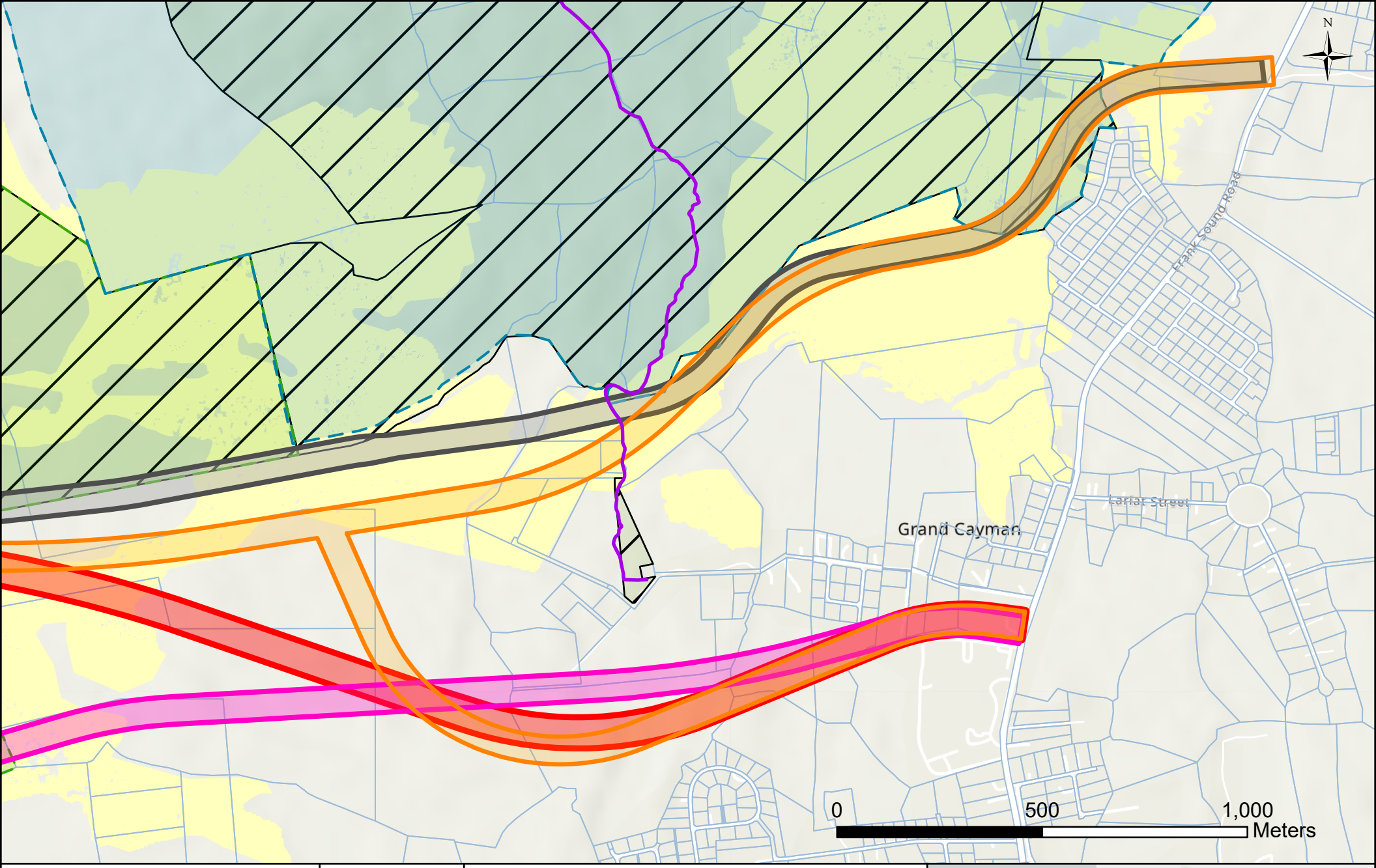
East-West Arterial Extension,
Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3: Map 4 of 5

NRA NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
- Central Mangrove Wetland
- National Trust Land
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail



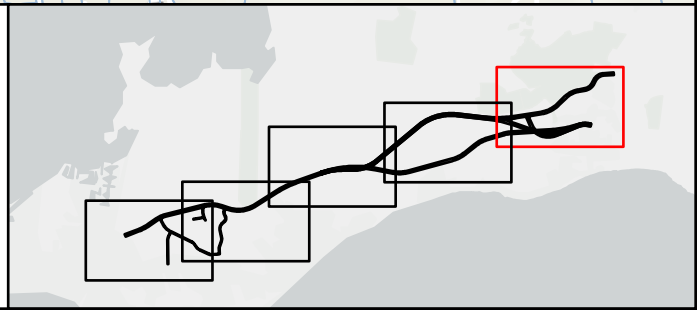


East-West Arterial Extension,
Environmental Impact Assessment

Gazetted Corridor and Alternatives B1 - B3: Map 5 of 5

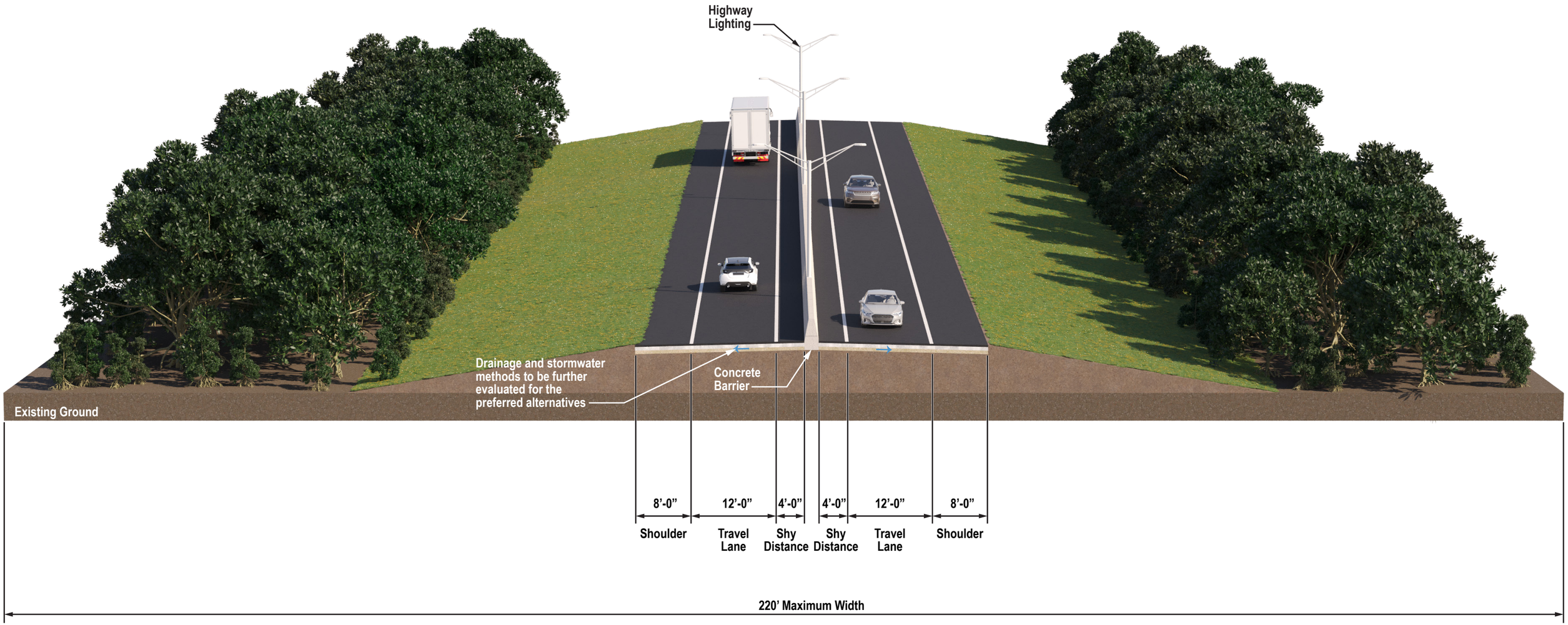
NRA NATIONAL ROADS AUTHORITY

- Section 2
- B1
- B2
- B3
- Original Gazetted Corridor
- Mastic Reserve
- Central Mangrove Wetland
- National Trust Land
- Parcels
- Parrot Nesting Habitat
- Parcels
- Mastic Trail



Attachment B

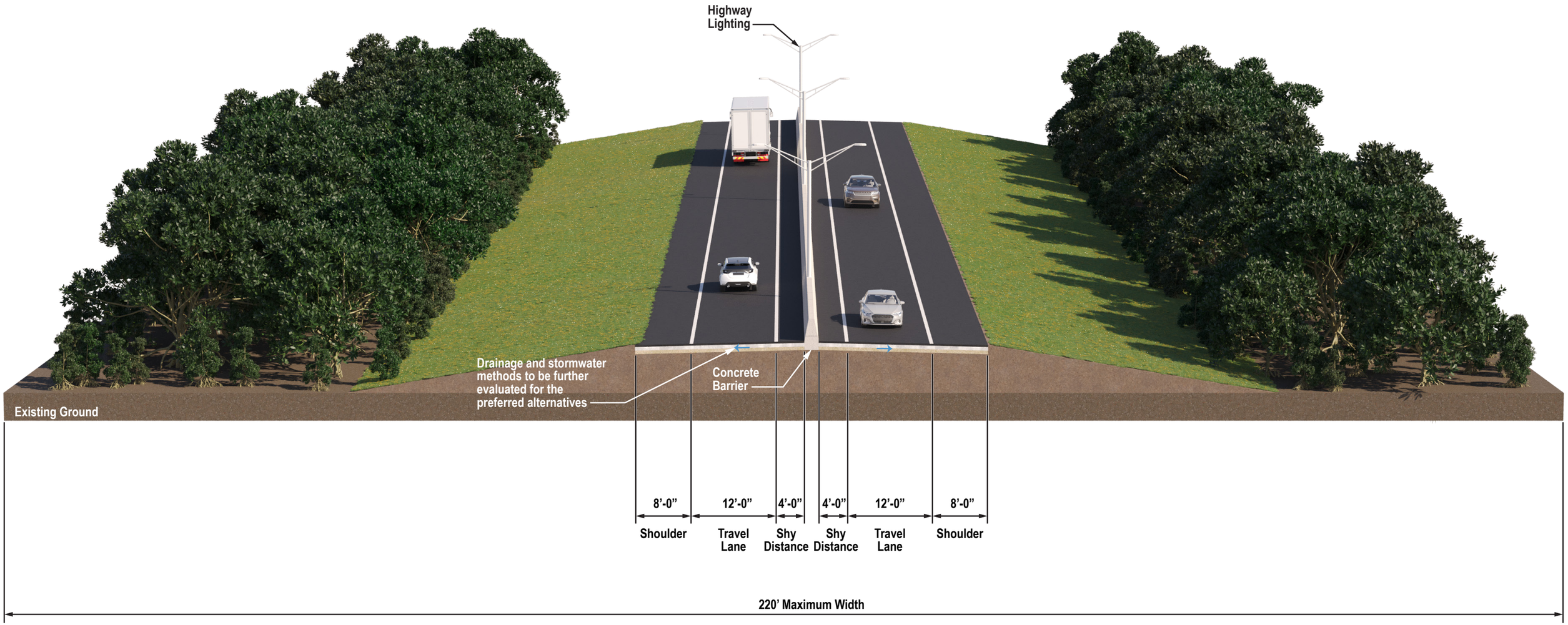
Typical Sections



East-West Arterial Typical Section (Section 2 - 2026 Build)

Alternatives B1/B2/B3 - Section 1 to Lookout Road

Not to Scale
West to East



East-West Arterial Typical Section (Section 3 - 2026 Build)

Alternatives B1/B2/B3 - Lookout Road to Frank Sound Road

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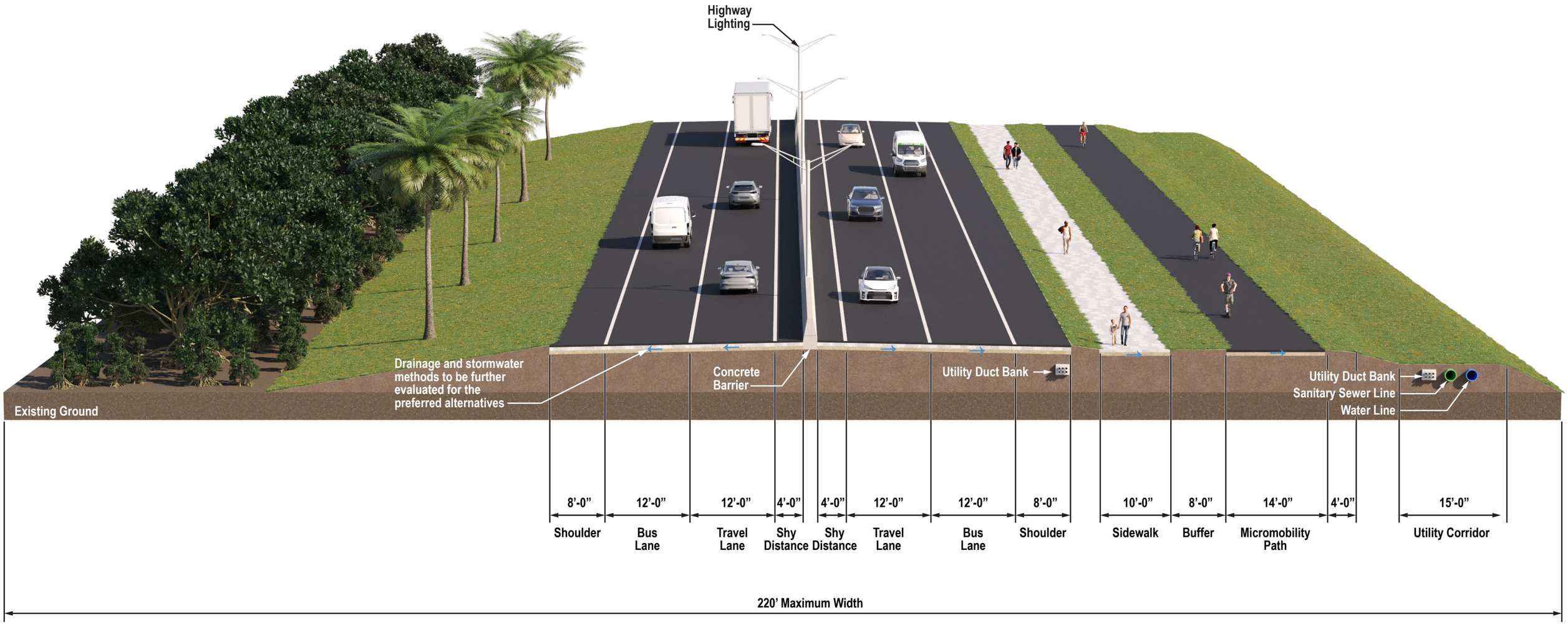
West to East



East-West Arterial Typical Section (Section 2 - 2036 Build)

Alternatives B1/B2/B3 - Section 1 to Lookout Road

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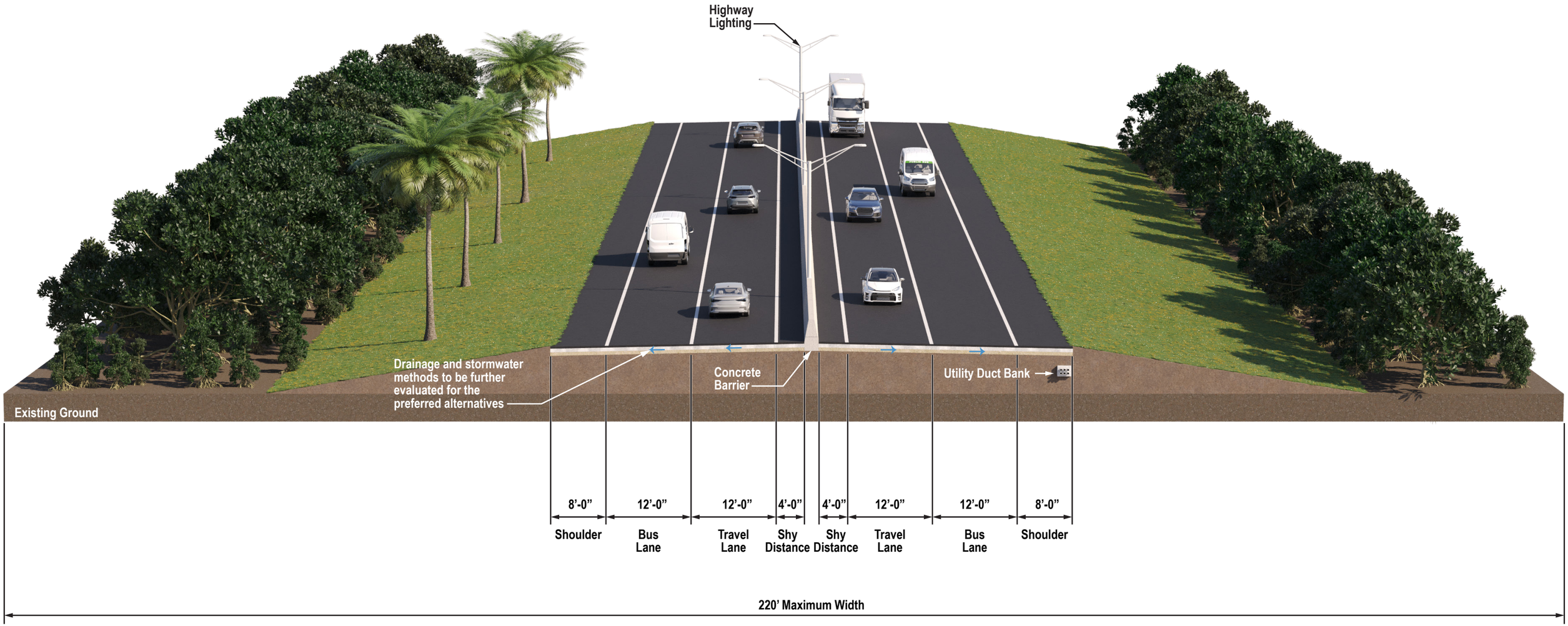

East-West Arterial Typical Section (Section 3 - 2036 Build)

Alternatives B1/B2/B3 - Lookout Road to Frank Sound Road

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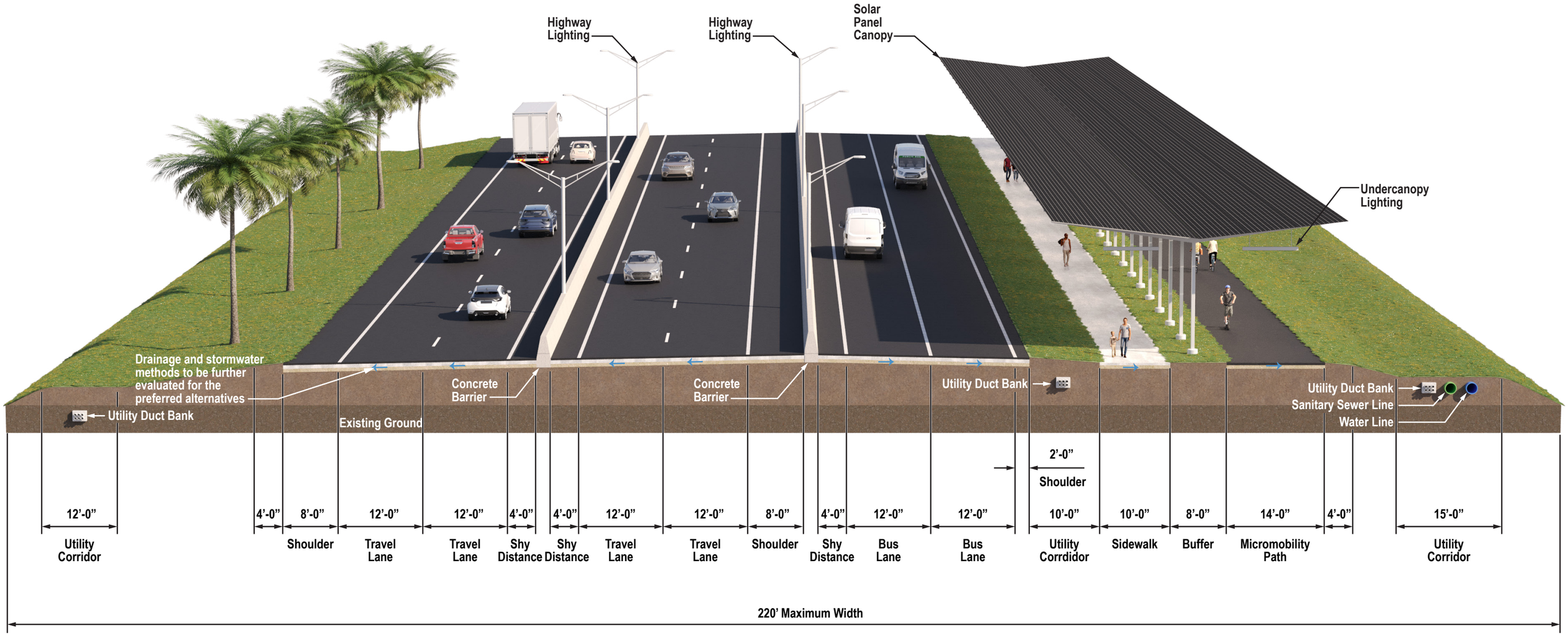

East-West Arterial Typical Section (Section 2 - 2046 Build)

Alternatives B1/B2/B3 - Section 1 to Lookout Road

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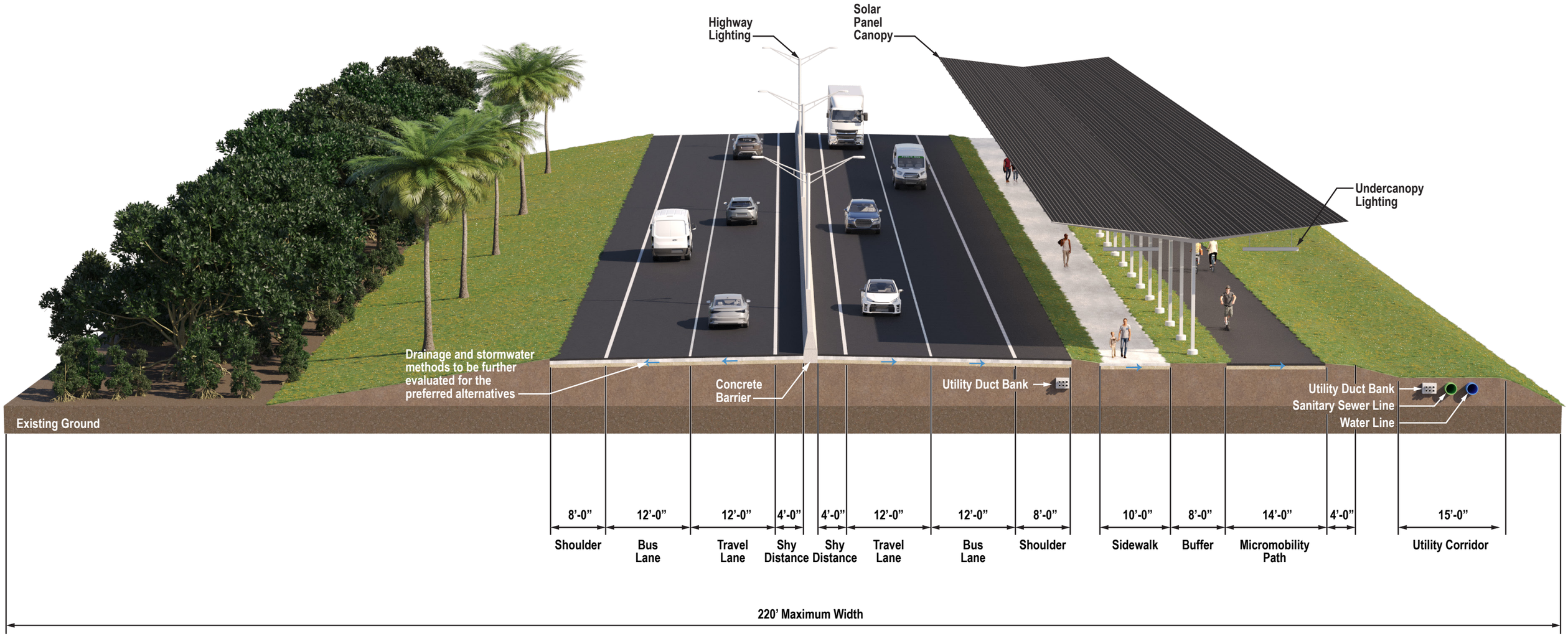
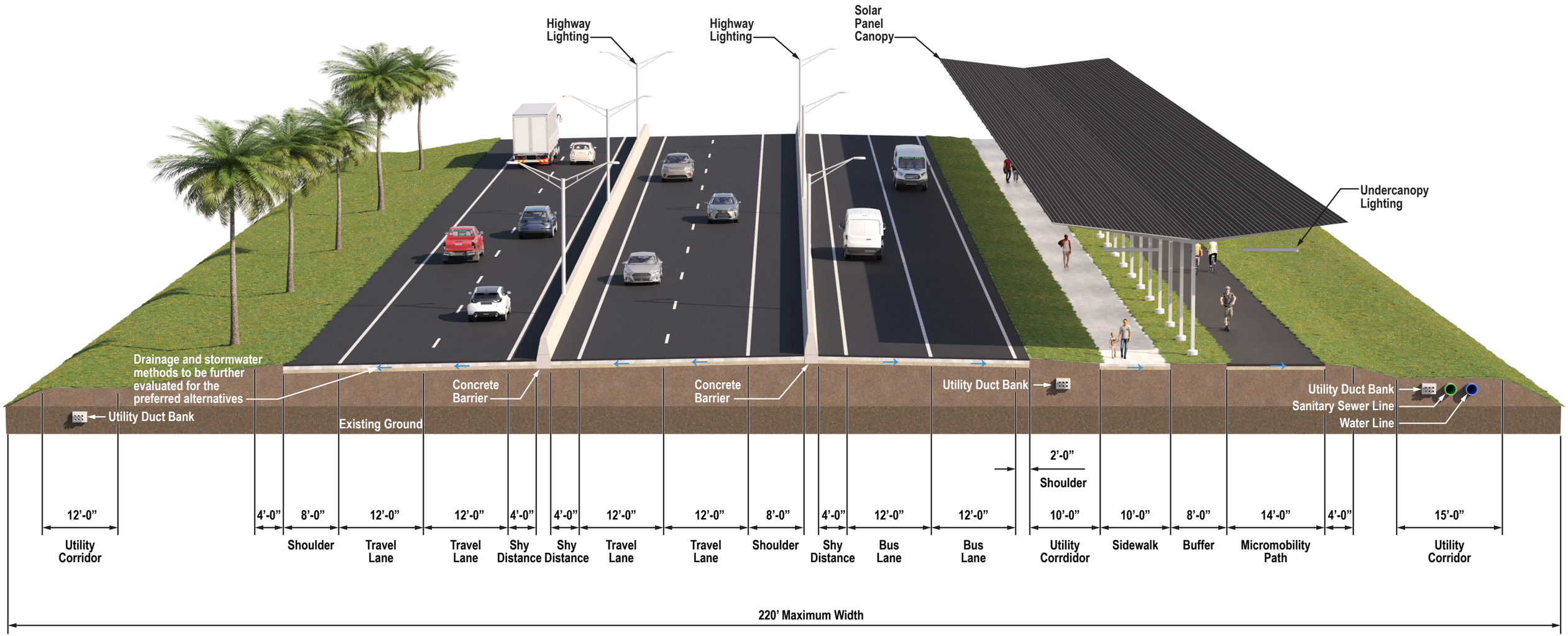
West to East



East-West Arterial Typical Section (Section 3 - 2046 Build)

Alternatives B1/B2/B3 - Lookout Road to Frank Sound Road

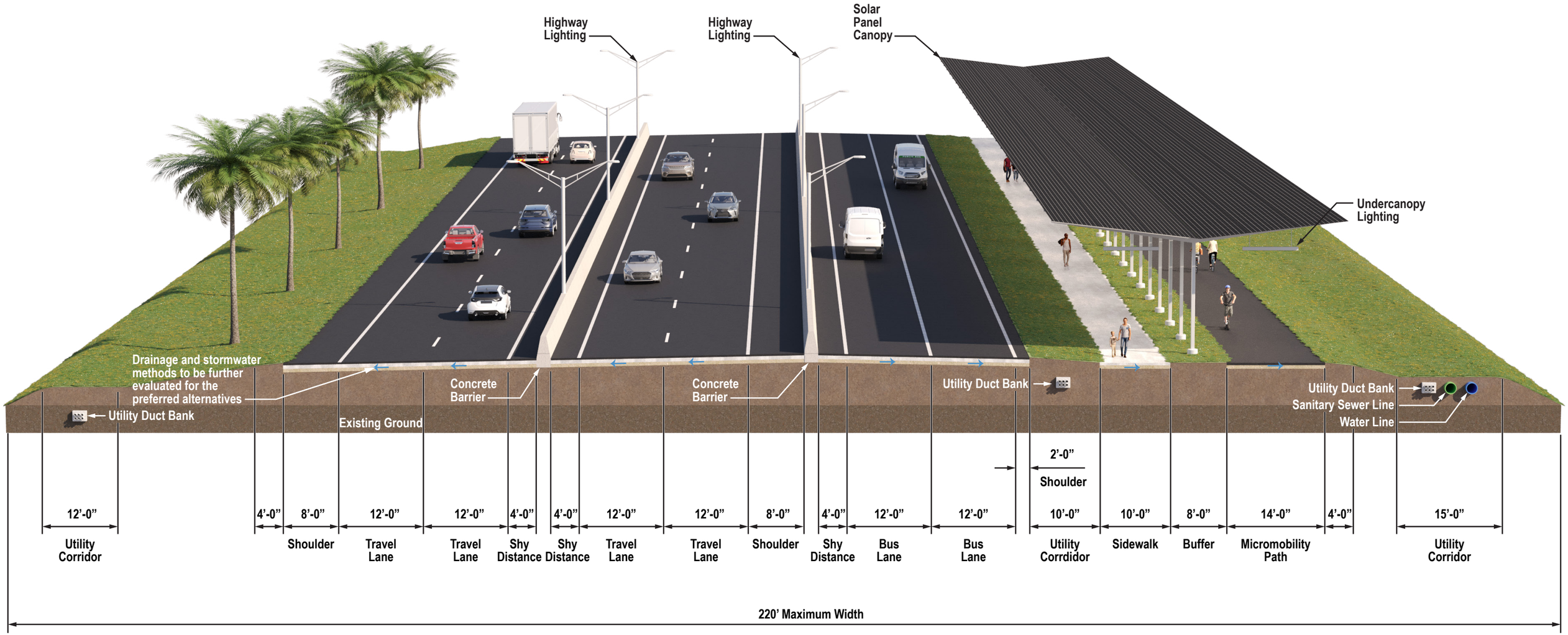
Not to Scale
West to East



East-West Arterial Typical Section (Section 2 - 2074 Build)

Alternatives B1/B2/B3 - Section 1 to Lookout Road

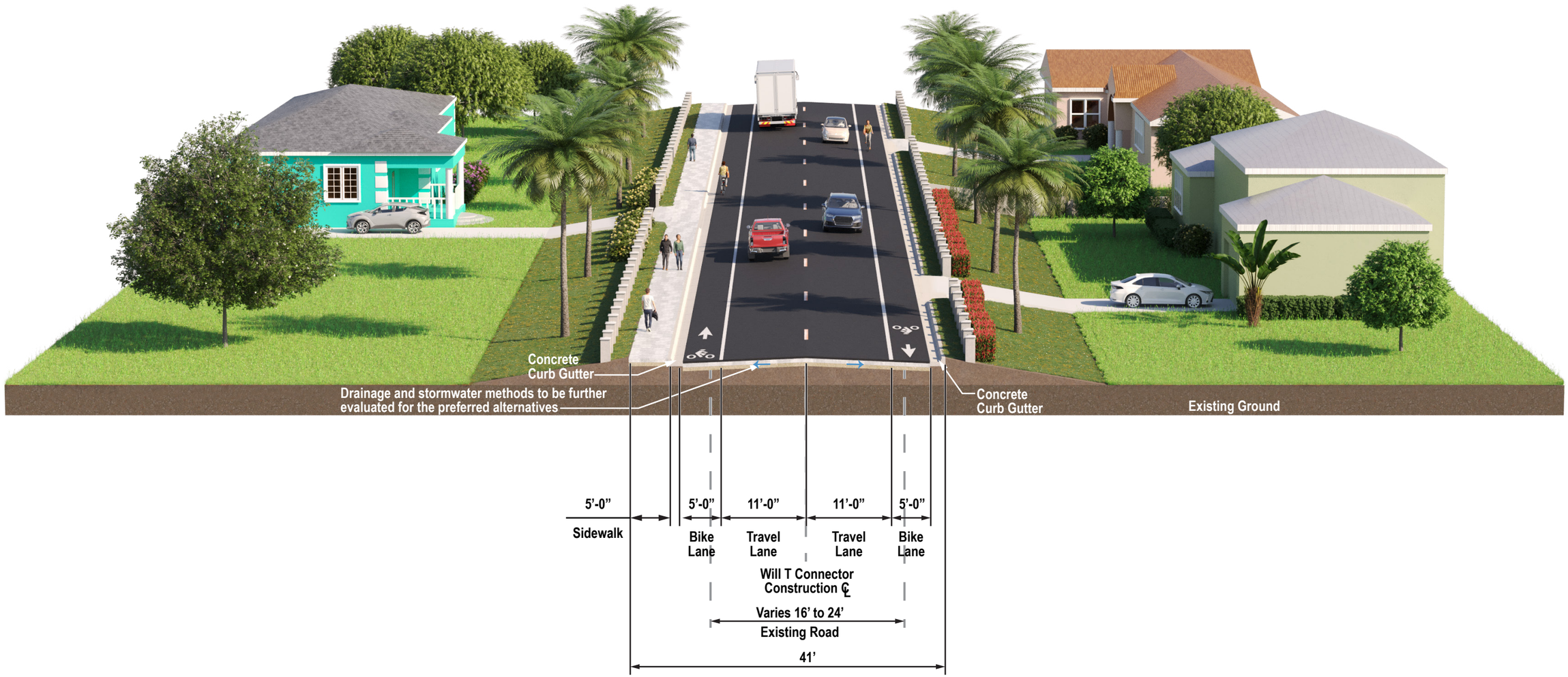
Not to Scale
West to East



East-West Arterial Typical Section (Section 3 - 2074 Build)

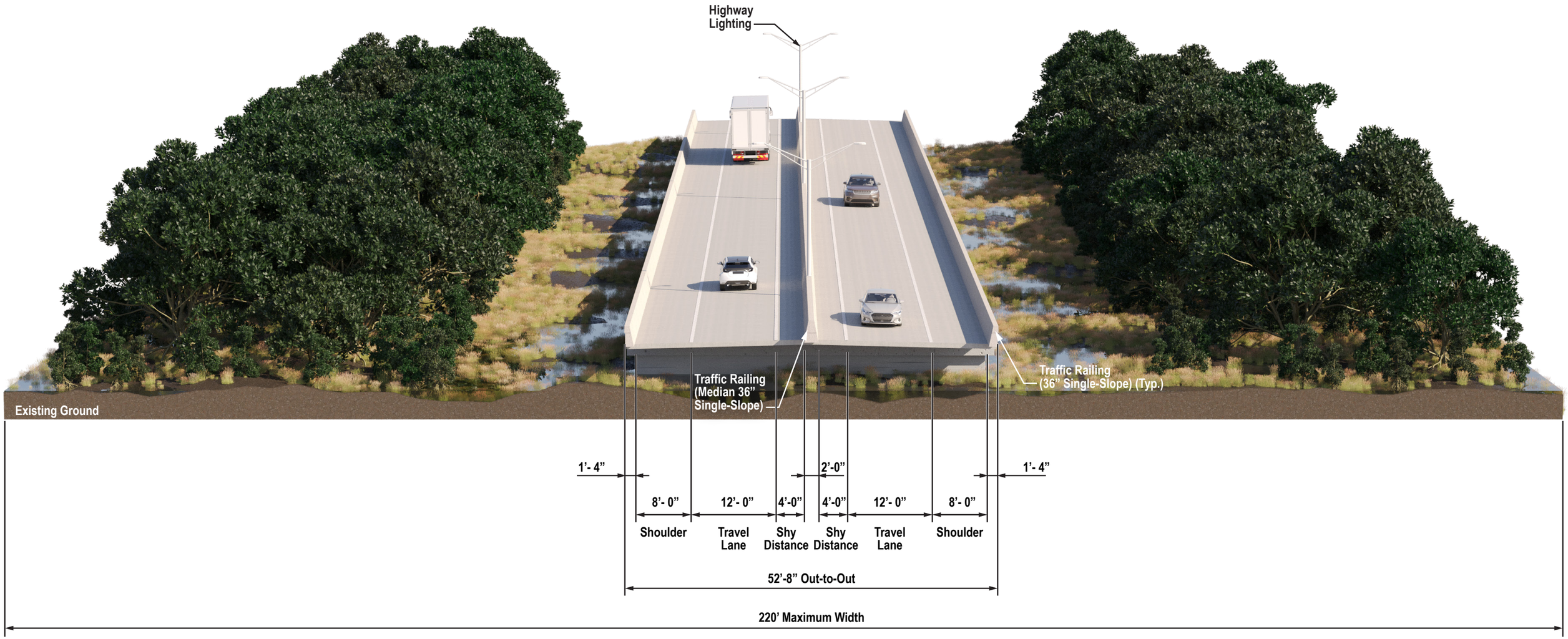
Alternatives B1/B2/B3 - Lookout Road to Frank Sound Road

Not to Scale
West to East



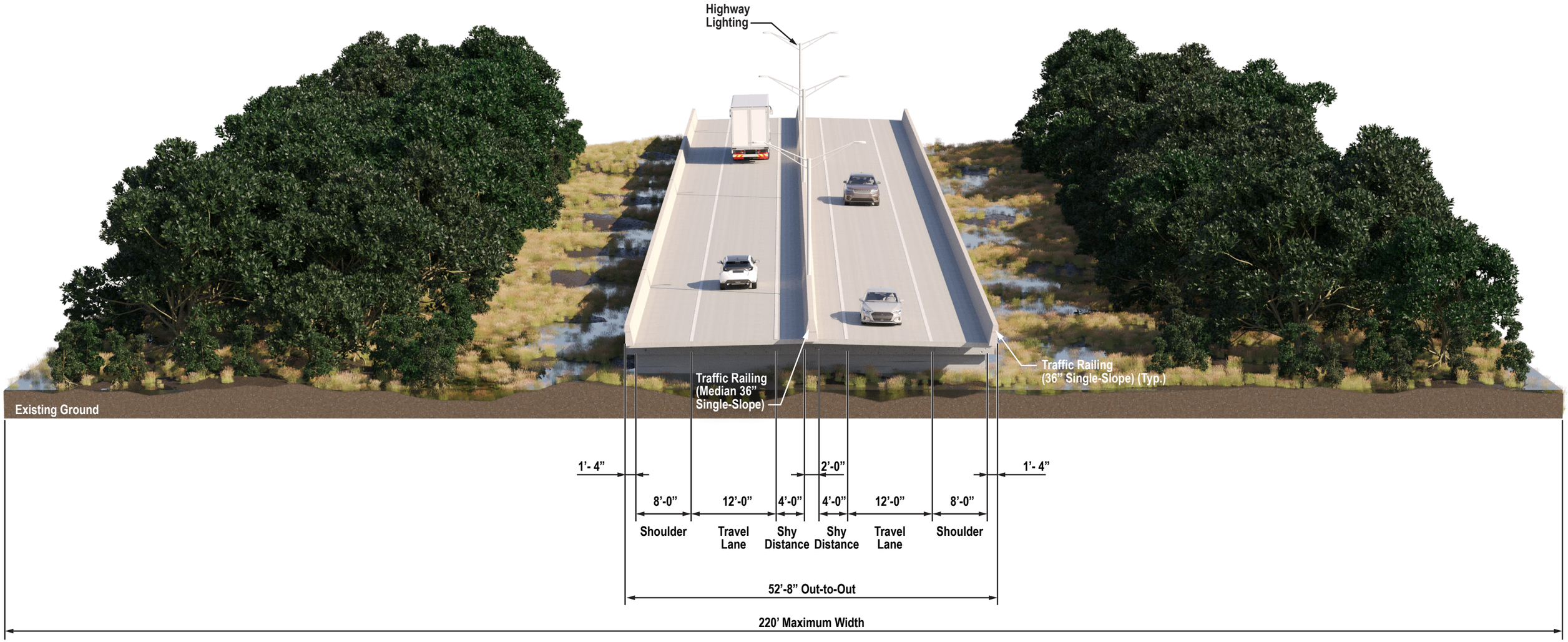
Will T Connector Typical Section

Not to Scale



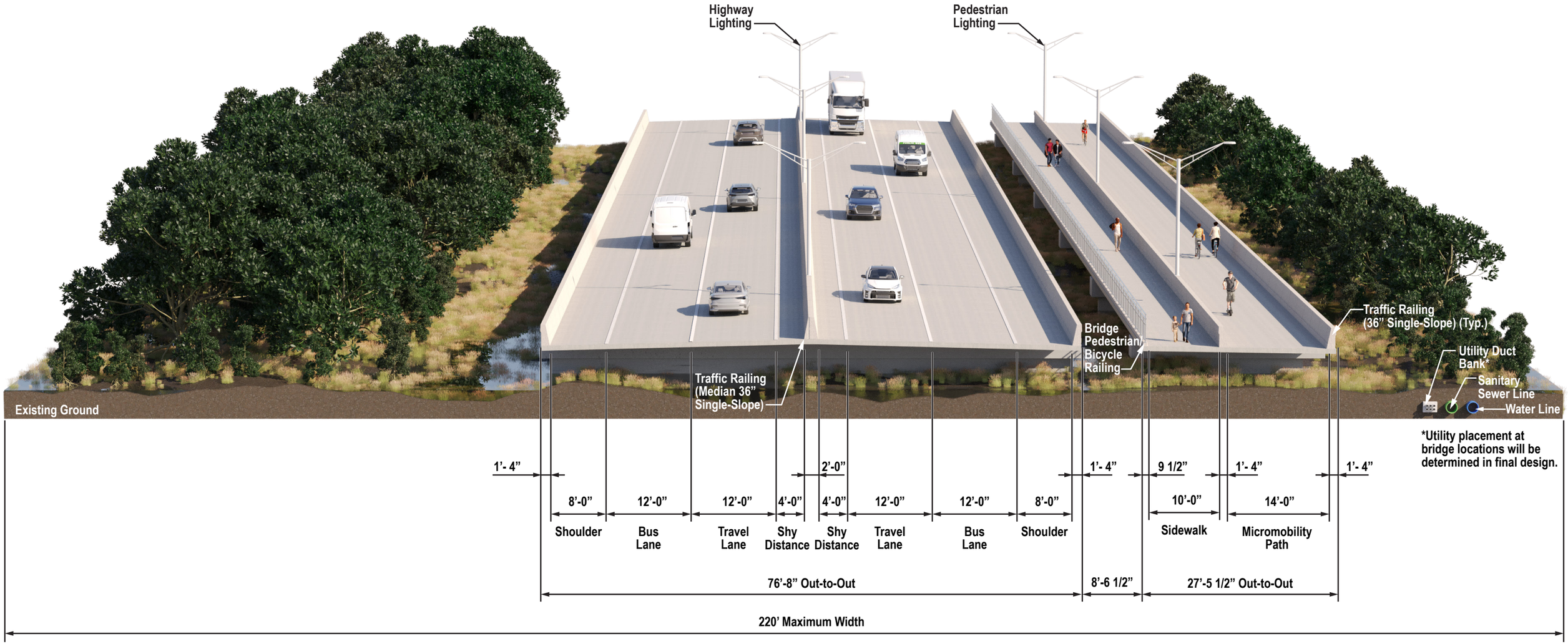
East-West Arterial Typical Section - Bridge Crossings (Section 2 - 2026 Build)

Not to Scale
West to East



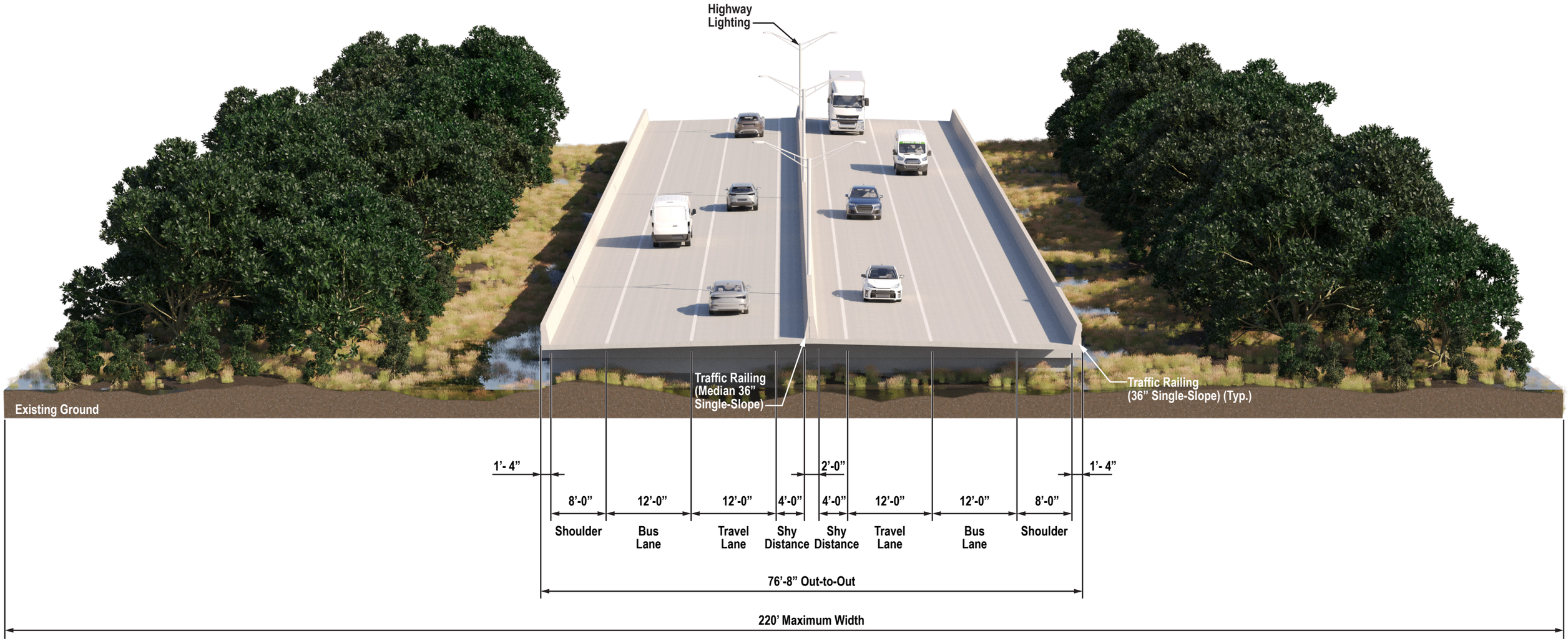
East-West Arterial Typical Section - Bridge Crossings (Section 3 - 2026 Build)

Not to Scale
West to East



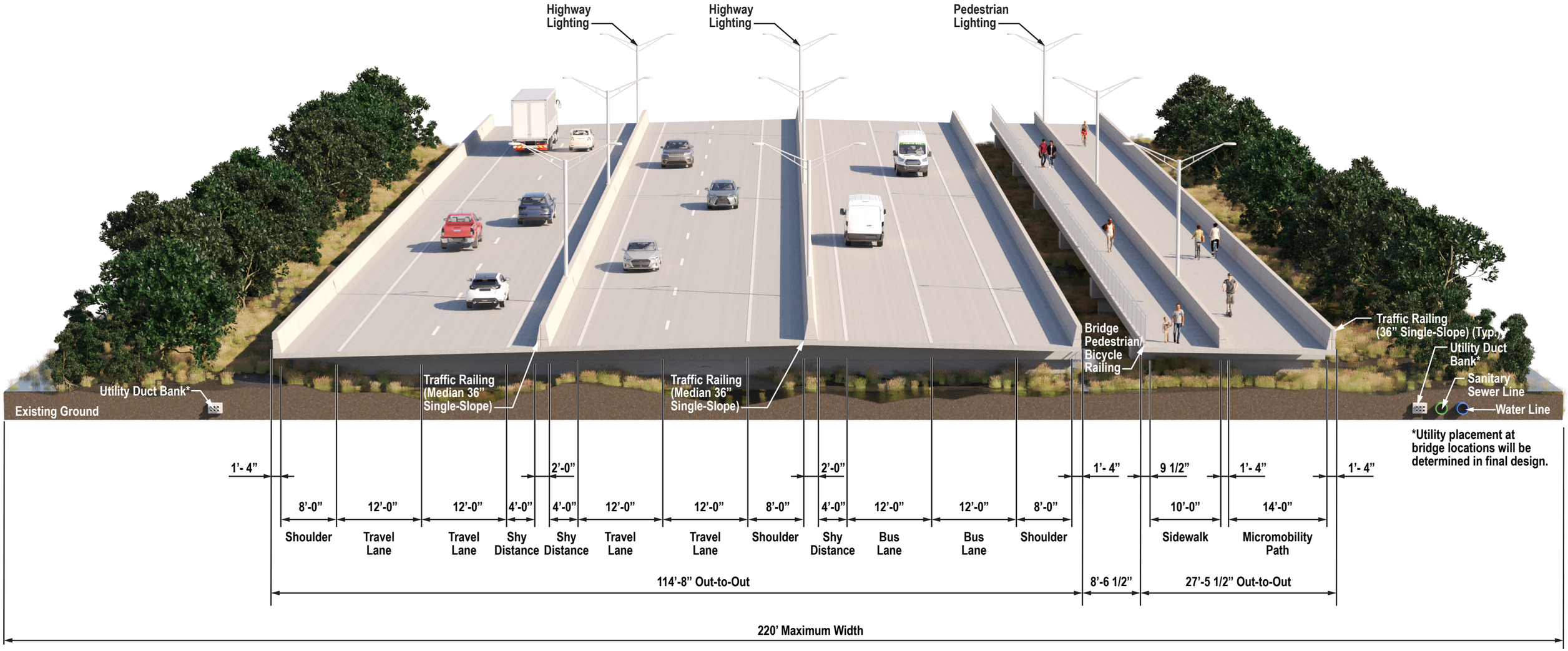
East-West Arterial Typical Section - Bridge Crossings (Section 2 - 2036 Build)

Not to Scale
West to East



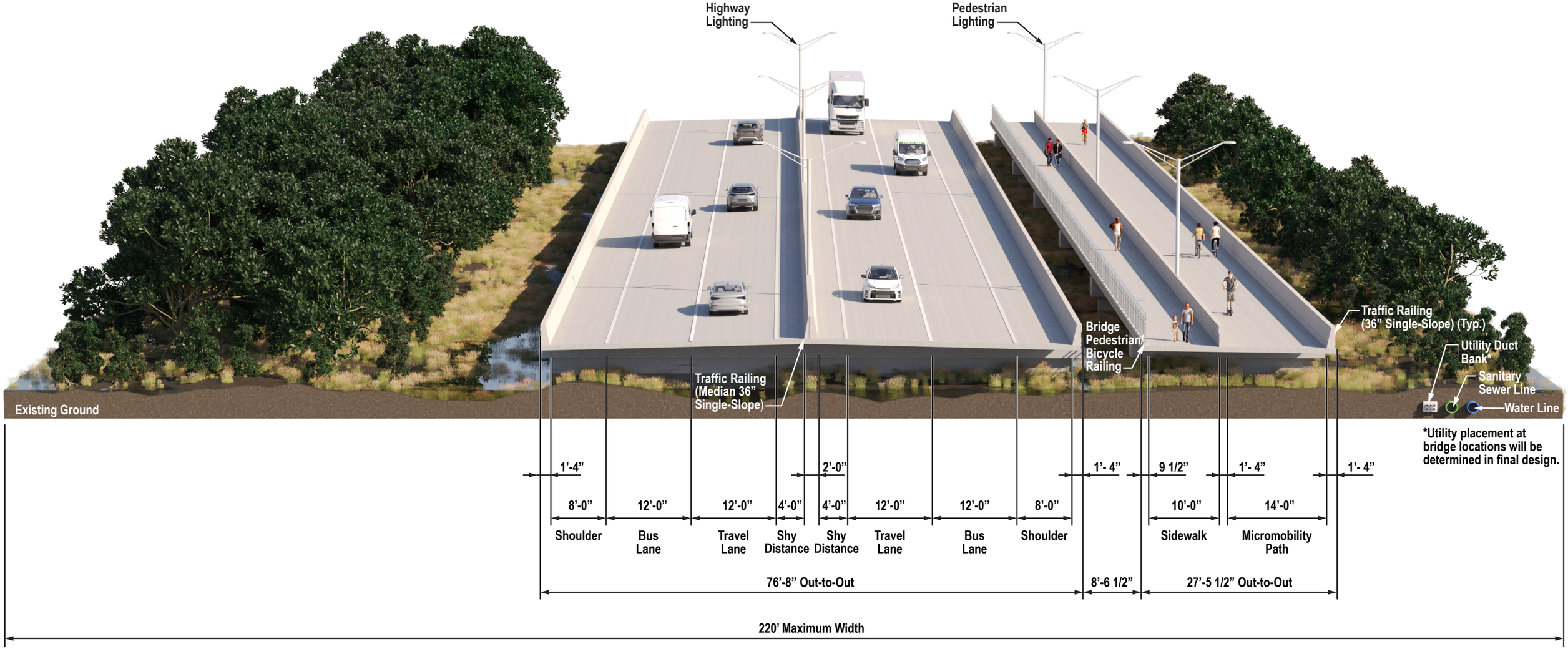
East-West Arterial Typical Section - Bridge Crossings (Section 3 - 2036 Build)

Not to Scale
West to East



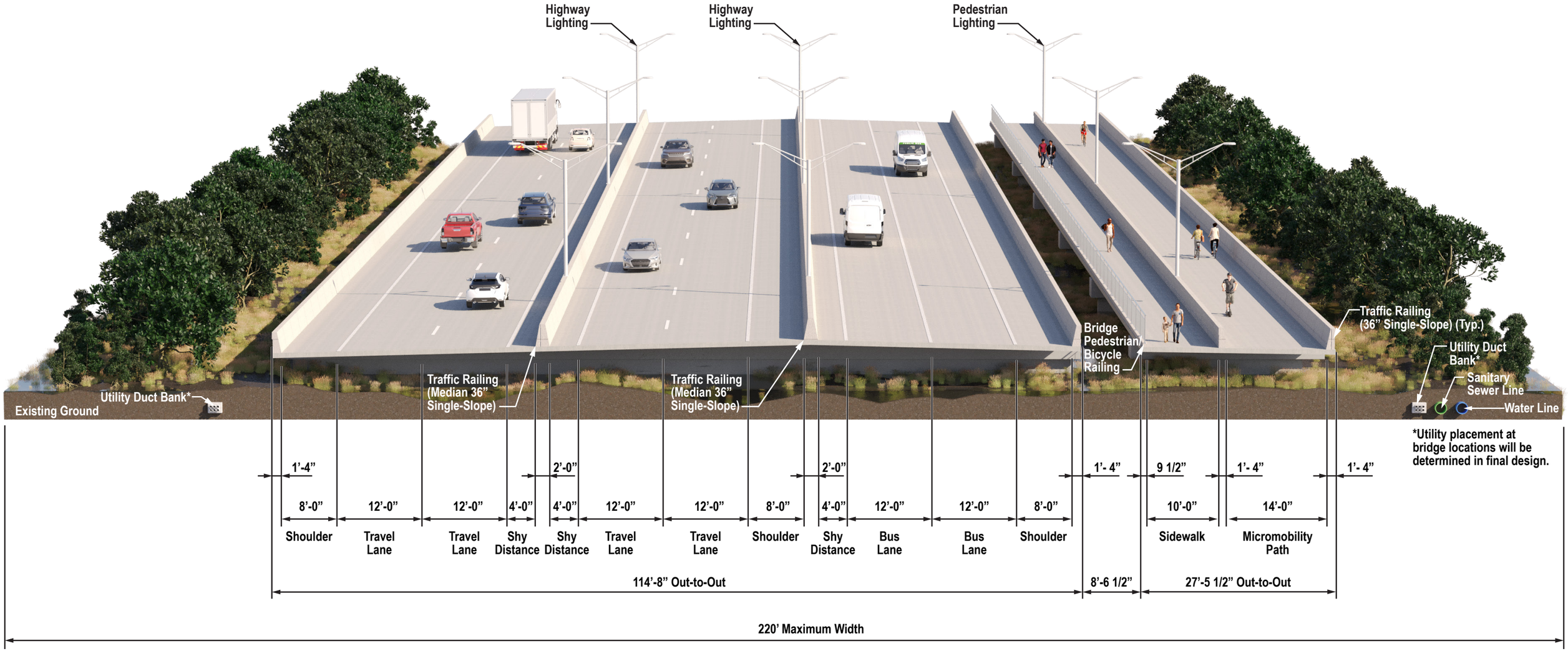
East-West Arterial Typical Section - Bridge Crossings (Section 2 - 2046 Build)

Not to Scale
West to East



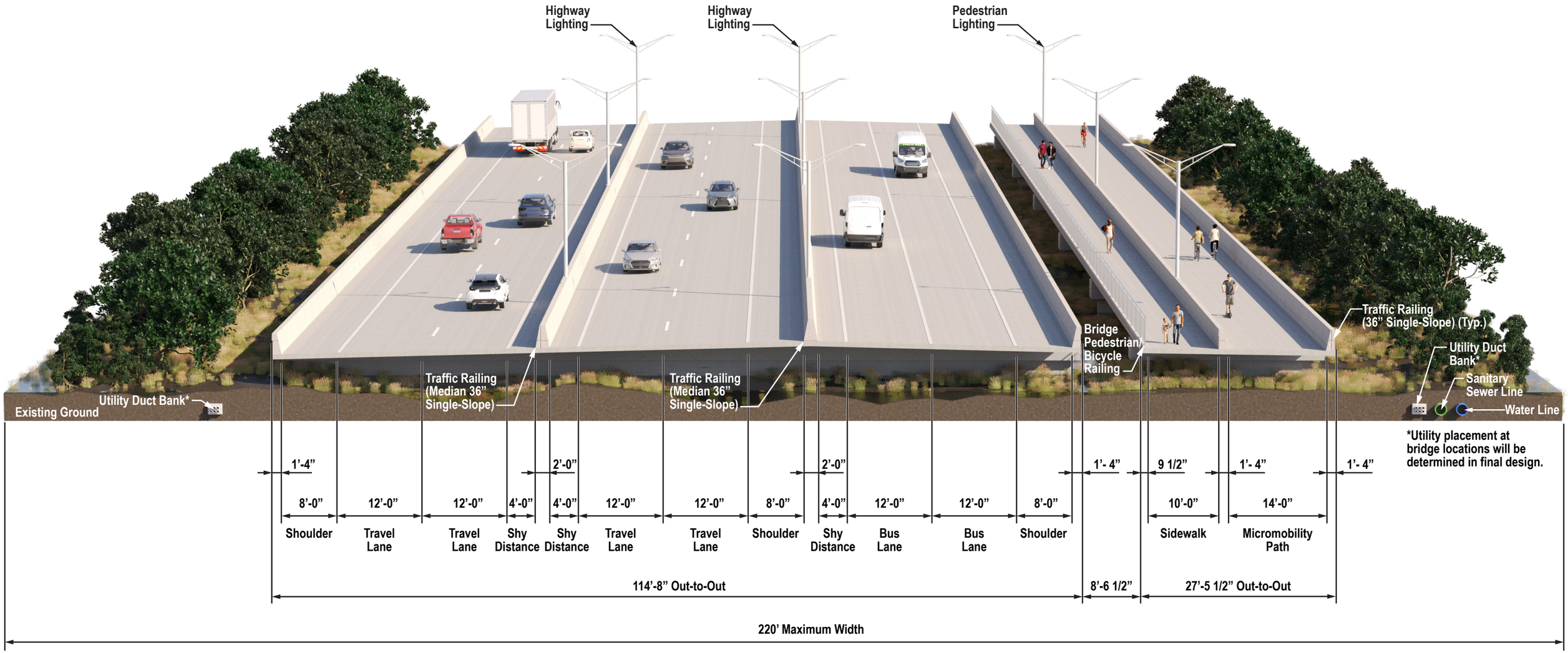
East-West Arterial Typical Section - Bridge Crossings (Section 3 - 2046 Build)

Not to Scale
West to East



East-West Arterial Typical Section - Bridge Crossings (Section 2 - 2074 Build)

Not to Scale
West to East



East-West Arterial Typical Section - Bridge Crossings (Section 3 - 2074 Build)

Not to Scale
West to East

Attachment C

Solar Array Memo

Stantec

Memo

To:	Whitman, Requardt & Associates, LLP	From:	Stantec Consulting Ltd. 100-300 Hagey Boulevard, Waterloo ON N2L 0A4
File:	18210907144_Cayman Islands	Date:	December 22, 2023
Reference:	Prefeasibility - Cayman Islands Pathway PV Canopy		

1.0 PRELIMINARY SOLAR PV ASSESSMENT

This assessment is for a solar photovoltaic (pv) canopy over a future 6 mile (9.65 km) long by 40 feet (12.19 m) wide micro-mobility path and sidewalk at Grand Cayman Island. The assessment provides a preliminary pv system size, a class 5 (+/- 30%) cost estimate, and an energy production forecast estimate.

For the Solar PV assessment Stantec determined the solar array size based on the available area. The concept solar canopy consists of 74.514 m long segments containing 8 strings of bifacial modules with 31 modules per string. Where the solar modules would be connected to string inverter positioned underneath the canopy, and the string inverters could be connected to underground utility transformers along the utility corridor.

Table 1: PV system summary

PV System Item	6 Mile PV Canopy
AC size (MW)	19.350
DC size (MW)	22.234
Module Power (Watts DC)	695 Bifacial
Quantity of Modules	31,992
Inverter Power (kWac)	150
Quantity of Inverters	129
Quantity of Canopy Sections	129
Racking Type	Y-shape canopy
Module tilt and Azimuth	Tilt 5°, Azimuth varies by road segment

2.0 COST BREAKDOWN ANALYSIS

The cost breakdown analysis consists of a Class 5 Financial Estimate in USD +/- 30%. The estimated CAPEX (Capital Expenditure) to build this system is approximately $78,154,056. To operate and run the system, an annual OPEX (Operational Expenditure) cost is estimated to be $380,201.

2.1 CAPEX

The CAPEX calculation is provided in high level categories and includes the entire development process from design, to procurement, construction and commissioning. The cost assessment is based on NREL's 2021 industry benchmark pricing report and includes a 1.5x multiplier to take into account shipping the equipment to the island and re-enforcement adders to better withstand local conditions of salt and hurricanes. Table 2.1 shows the breakdown of costs:

Table 2.1: CAPEX for Cayman Islands solar canopy

***Costs based on NREL 2021 industry benchmark pricing**

Sl. no	Items	Per unit cost (USD/W_{DC})	Total cost (USD)
1	Module	0.50	11,006,047.80
2	Inverter	0.11	2,334,616.20
3	Canopy Structure and PV Racking	1.50	33,351,660.00
4	Balance of plant	0.35	7,670,881.80
5	Design	0.10	2,223,444.00
6	Project management	0.30	6,670,332.00
7	Installation	0.30	6,670,332.00
8	Overhead, tax, profit	0.34	7,559,709.60
9	Permitting	0.03	667,033.20
TOTAL		**3.52**	**78,154,056.60**

The cost attributed to “Canopy Structure and PV Racking” in the estimate includes the canopy foundation, structures, rails and fasteners for the solar panels. The “Balance of plant” includes the capital cost for all other equipment, inclusive of electrical cables, conduits, combiner boxes, disconnects, transformers, SCADA equipment, connectors, bolts, etc.

2.2 OPEX

Operations and Maintenance (O&M) costs in the PV O&M cost model include preventative maintenance, scheduled at regular intervals, as well as corrective maintenance to replace components. The O&M cost per year shown in table 2.2 is in today’s dollars and does not include any inflation. To forecast future years, inflation and escalations can be added as needed.

Table 2.2: OPEX for Cayman Islands solar canopy

***Costs based on NREL 2021 industry benchmark pricing**

Sl. no	Items	Per unit cost (USD/kW_{DC}/year)	Total cost (USD/ year)
1	Preventive maintenance Corrective maintenance Monitoring Insurance	17.10	380,201.40
TOTAL		**17.10**	**380,201.40**

3.0 PV ENERGY GENERATION

For the system modelling and energy generation, the following placeholder equipment items were used: Canadian Solar CS7N-695TB-AG Module, and SMA Sunny highpower SHP150-US-20-PEAK3 inverter. Generation of the annual energy production was simulated using PVsyst software. The solar radiation resource was obtained from SolarAnywhere which provides the long-term average from satellite images for the exact project location and is considered a bankable source in the industry. Table 3 shows the 30 years average energy production forecast inclusive of the system’s annual degradation.

Table 3: 30 years energy production forecast

Year	EUseful (GWh)	PR (%)
1	39.51	87.28
2	39.38	86.99
3	39.22	86.64
4	39.05	86.25
5	38.85	85.82
6	38.62	85.31
7	38.36	84.73
8	38.08	84.13
9	37.81	83.51
10	37.53	82.91
11	37.29	82.37
12	37.08	81.91
13	36.88	81.47
14	36.70	81.06
15	36.52	80.68
16	36.38	80.36

17	36.26	80.09
18	36.13	79.81
19	35.98	79.49
20	35.81	79.10
21	35.56	78.54
22	35.22	77.81
23	34.86	77.01
24	34.48	76.16
25	34.08	75.28
26	33.69	74.43
27	33.32	73.61
28	32.95	72.79
29	32.58	71.97
30	32.21	71.15

4.0 ENVIRONMENTAL ASSESSMENT

Based on available electricity consumption and source data from WorldMeters.info for Cayman Islands in 2016, the 22.23 MW PV canopy would offset 703,556.1 tons of CO_2 emissions over a 30 year period.

The average energy production would save the Island 2,556,400 gallons of diesel fuel every year, and supply 5.6% of the Islands annual electricity demand based on year 2016 available data.

5.0 ALTERNATIVE 2-MILE-LONG PV CANOPY

An alternative being considered is to develop a 2 mile long PV canopy instead of a 6 miles long PV canopy. A shorter canopy would have a lower overall capital cost and could even serve as a phase 1 pilot project for a potential future expansion.

For prefeasibility purposes, the unit energy generation of a shorter canopy would be the same as the 6 mile long canopy, with a value of 1,864 kWh/kWdc for the first year of energy production, and an annual degradation factor of 0.4% per year for subsequent years.

The unit cost of a shorter canopy would be lower due to a smaller economy of scale. For prefeasibility purposes the following table serves as a guide:

CANOPY LENGTH (miles)	POWER SIZE (MW DC)	UNIT CAPITAL COST ESTIMATE (USD/Watt)
1 to 2	3.6 to 7.4	4.5 to 4.05
2 to 4	7.4 to 14.8	4.05 to 3.75
4 to 6	14.8 to 22.2	3.75 to 3.52

6.0 NEXT STEPS

This preliminary solar PV assessment provides the estimated system size, cost and energy generation amount. This information can be utilized by the project developers to decide whether to proceed or not with the project. The next steps for developing the solar PV canopy would be:

1. Initial permitting requirements consultation with the City and the local utility company;
2. Secure project funding as needed;
3. Detailed engineering design and analysis; and,
4. Construction & Commissioning.

APPENDIX A: PVsyst – Simulation Report

APPENDIX B: Hourly generation report (Excel format)

Version 7.4.0

PVsyst - Simulation report

Grid-Connected System

Project: Cayman Island Solar Canopy

Variant: Solar Canopy with 40 feet shade

Feasibility Revised Version 1

System power: 22.23 MWp

19.300843304782436 -81.2383075991375 - Cayman Islands

Tasin Rahman

Stantec consulting ltd (Canada)

PVsyst V7.4.0
VC1, Simulation date:
12/21/23 18:37
with v7.4.0

Project summary

Geographical Site
19.300843304782436 -81.2383075991375
Cayman Islands

Situation

Latitude	19.35 °N
Longitude	-81.25 °W
Altitude	3 m
Time zone	UTC-5

Project settings
Albedo 0.35

Meteo data
19.300843304782436 -81.2383075991375
Solar Anywhere, satellite data, SUNY model - TMY

System summary

Grid-Connected System
Simulation for year no 1

Feasibility Revised Version 1

PV Field Orientation

Fixed planes	2 orientations
Tilts/azimuths	5 / 180 ° 5 / 0 °

Near Shadings
According to strings
Electrical effect 80 %

User's needs
Unlimited load (grid)

System information

PV Array

Nb. of modules	31992 units
Pnom total	22.23 MWp

Inverters

Nb. of units	129 units
Pnom total	19.35 MWac
Pnom ratio	1.149

Results summary

Produced Energy	39513376 kWh/year	Specific production	1777 kWh/kWp/year	Perf. Ratio PR	87.28 %

Table of contents

Attachment A

PVsyst V7.4.0
VC1, Simulation date:
12/21/23 18:37
with v7.4.0

General parameters

Grid-Connected System — **Feasibility Revised Version 1**

PV Field Orientation

Orientation		Sheds configuration		Models used	
Fixed planes	2 orientations			Transposition	Perez
Tilts/azimuths	5 / 180 °			Diffuse	Imported
	5 / 0 °			Circumsolar	separate

Horizon	Near Shadings		User's needs
Free Horizon	According to strings		Unlimited load (grid)
	Electrical effect	80 %	

PV Array Characteristics

PV module

Manufacturer	CSI Solar
Model	CS7N-695TB-AG 1500V
(Original PVsyst database)	
Unit Nom. Power	695 Wp
Number of PV modules	31992 units
Nominal (STC)	22.23 MWp

Inverter

Manufacturer	SMA
Model	Sunny Highpower SHP150-US-20-PEAK3
(Original PVsyst database)	
Unit Nom. Power	150 kWac
Number of inverters	129 units
Total power	19350 kWac

Array #1 - PV Array 1

Orientation	#1		
Tilt/Azimuth	5/180 °		
Number of PV modules	15996 units	Number of inverters	65 units
Nominal (STC)	11.12 MWp	Total power	9750 kWac
Modules	516 Strings x 31 In series		
At operating cond. (50°C)		Operating voltage	855-1450 V
Pmpp	10.31 MWp	Pnom ratio (DC:AC)	1.14
U mpp	1134 V		
I mpp	9094 A		

Array #2 - PV array #2

Orientation	#2		
Tilt/Azimuth	5/0 °		
Number of PV modules	15996 units	Number of inverters	64 units
Nominal (STC)	11.12 MWp	Total power	9600 kWac
Modules	516 Strings x 31 In series		
At operating cond. (50°C)		Operating voltage	855-1450 V
Pmpp	10.31 MWp	Pnom ratio (DC:AC)	1.16
U mpp	1134 V		
I mpp	9094 A		

Total PV power

Nominal (STC)	22234 kWp
Total	31992 modules
Module area	99378 m²

Total inverter power

Total power	19350 kWac
Number of inverters	129 units
Pnom ratio	1.15

Array losses

Array Soiling Losses

Average loss Fraction 2.4 %

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
2.5%	3.6%	4.6%	5.7%	4.0%	1.3%	2.4%	1.4%	0.6%	0.4%	1.0%	1.6%

Thermal Loss factor

Module temperature according to irradiance
Uc (const) 26.0 W/m²K
Uv (wind) 1.2 W/m²K/m/s

DC wiring losses

Global array res. 0.68 mΩ
Global wiring resistance 0.34 mΩ
Loss Fraction 0.5 % at STC

Module Quality Loss

Loss Fraction -6.0 %

Module mismatch losses

Loss Fraction 1.0 % at MPP

Strings Mismatch loss

Loss Fraction 0.1 %

Module average degradation

Year no 1
Loss factor 0.4 %/year

Mismatch due to degradation

Imp RMS dispersion 0.4 %/year
Vmp RMS dispersion 0.4 %/year

IAM loss factor

Incidence effect (IAM): Fresnel, AR coating, n(glass)=1.526, n(AR)=1.290

0°	30°	50°	60°	70°	75°	80°	85°	90°
1.000	0.999	0.987	0.962	0.892	0.816	0.681	0.440	0.000

Spectral correction

FirstSolar model
Precipitable water estimated from relative humidity

Coefficient Set	C0	C1	C2	C3	C4	C5
Monocrystalline Si	0.85914	-0.02088	-0.0058853	0.12029	0.026814	-0.001781

System losses

Unavailability of the system

Time fraction 3.0 %
10.9 days,
3 periods

AC wiring losses

Inv. output line up to MV transfo

Inverter voltage 600 Vac tri
Loss Fraction 1.55 % at STC

Inverter: Sunny Highpower SHP150-US-20-PEAK3

Wire section (129 Inv.) Copper 129 x 3 x 70 mm²
Average wires length 123 m

MV line up to Injection

MV Voltage 13.4 kV
Wires Copper 3 x 400 mm²
Length 874 m
Loss Fraction 0.50 % at STC

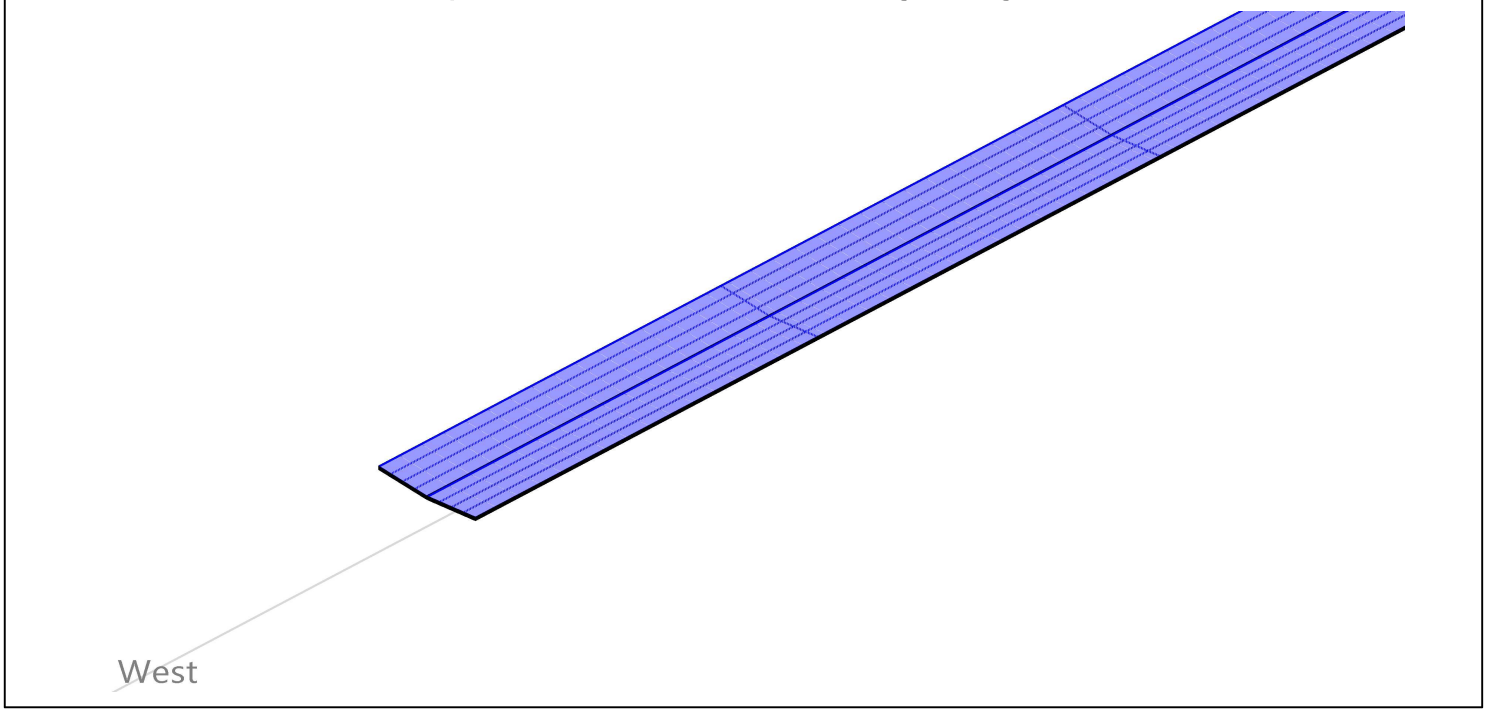
AC losses in transformers

MV transfo

Medium voltage	13.4 kV
Transformer parameters	
Nominal power at STC	21.85 MVA
Iron Loss (24/24 Connexion)	20.97 kVA
Iron loss fraction	0.10 % at STC
Copper loss	226.78 kVA
Copper loss fraction	1.04 % at STC
Coils equivalent resistance	3 x 0.17 mΩ

Near shadings parameter

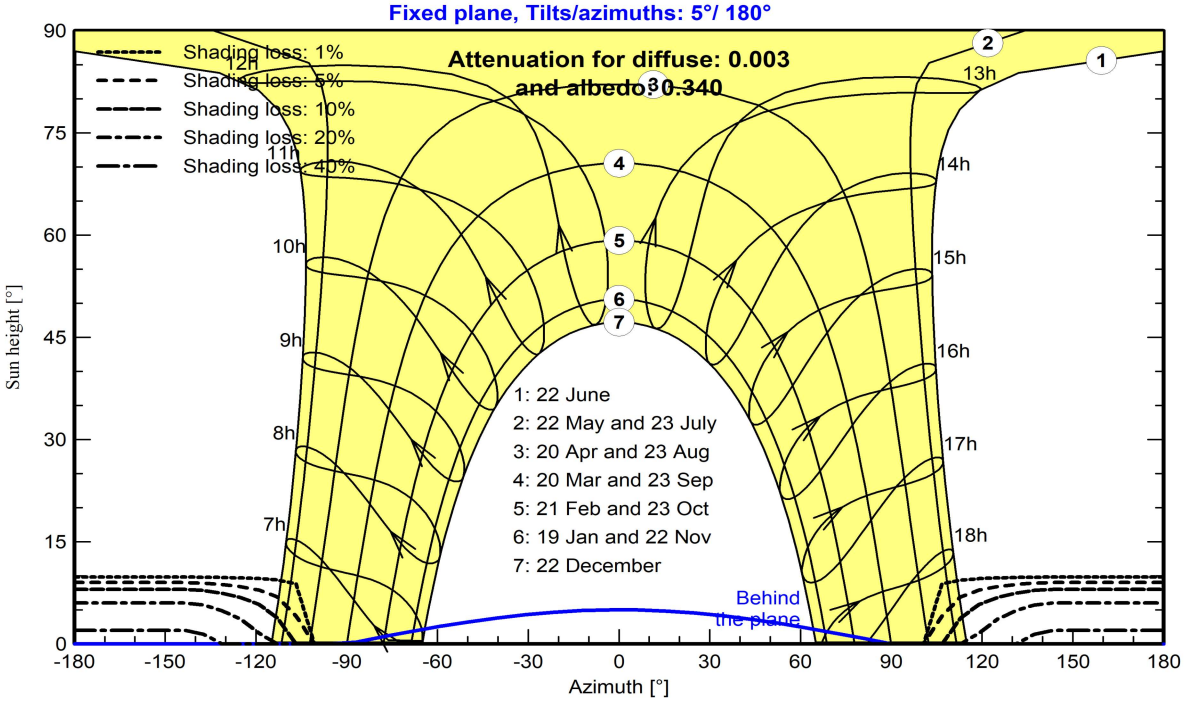
Perspective of the PV-field and surrounding shading scene



Iso-shadings diagram

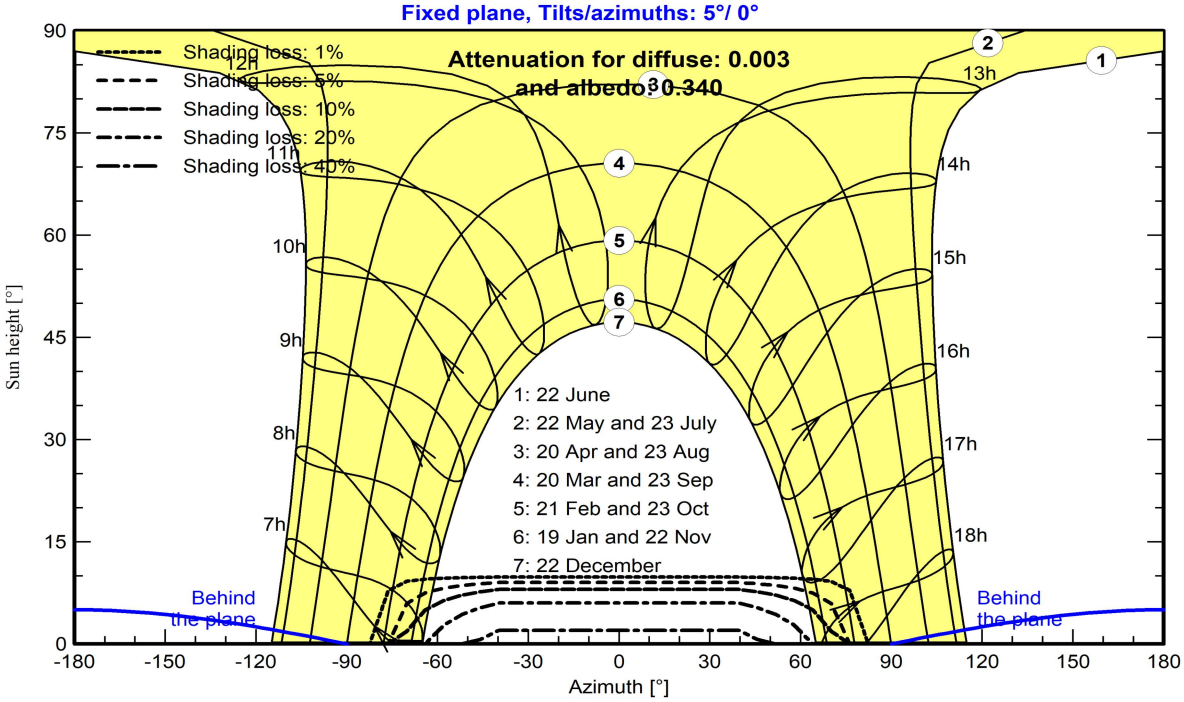
Orientation #1

Fixed plane, Tilts/azimuths: 5°/ 180°



Orientation #2

Fixed plane, Tilts/azimuths: 5°/ 0°



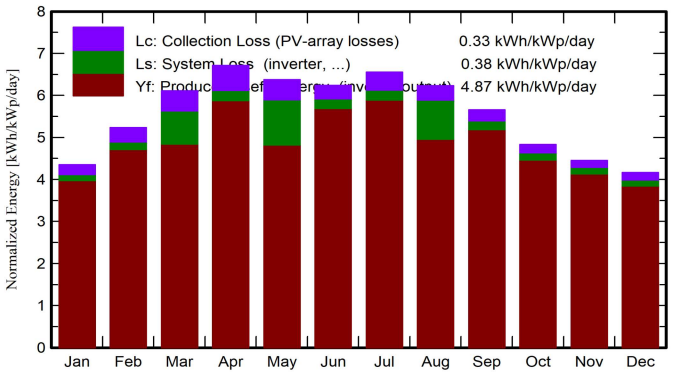
PVsyst V7.4.0
VC1, Simulation date:
12/21/23 18:37
with v7.4.0

Main results

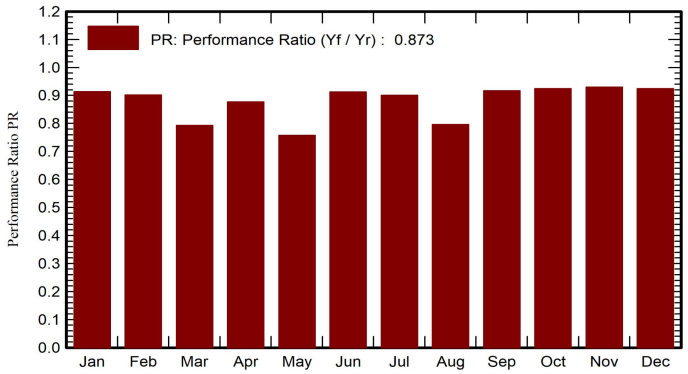
System Production

Produced Energy	39513376 kWh/year	Specific production	1777 kWh/kWp/year
		Perf. Ratio PR	87.28 %

Normalized productions (per installed kWp)



Performance Ratio PR



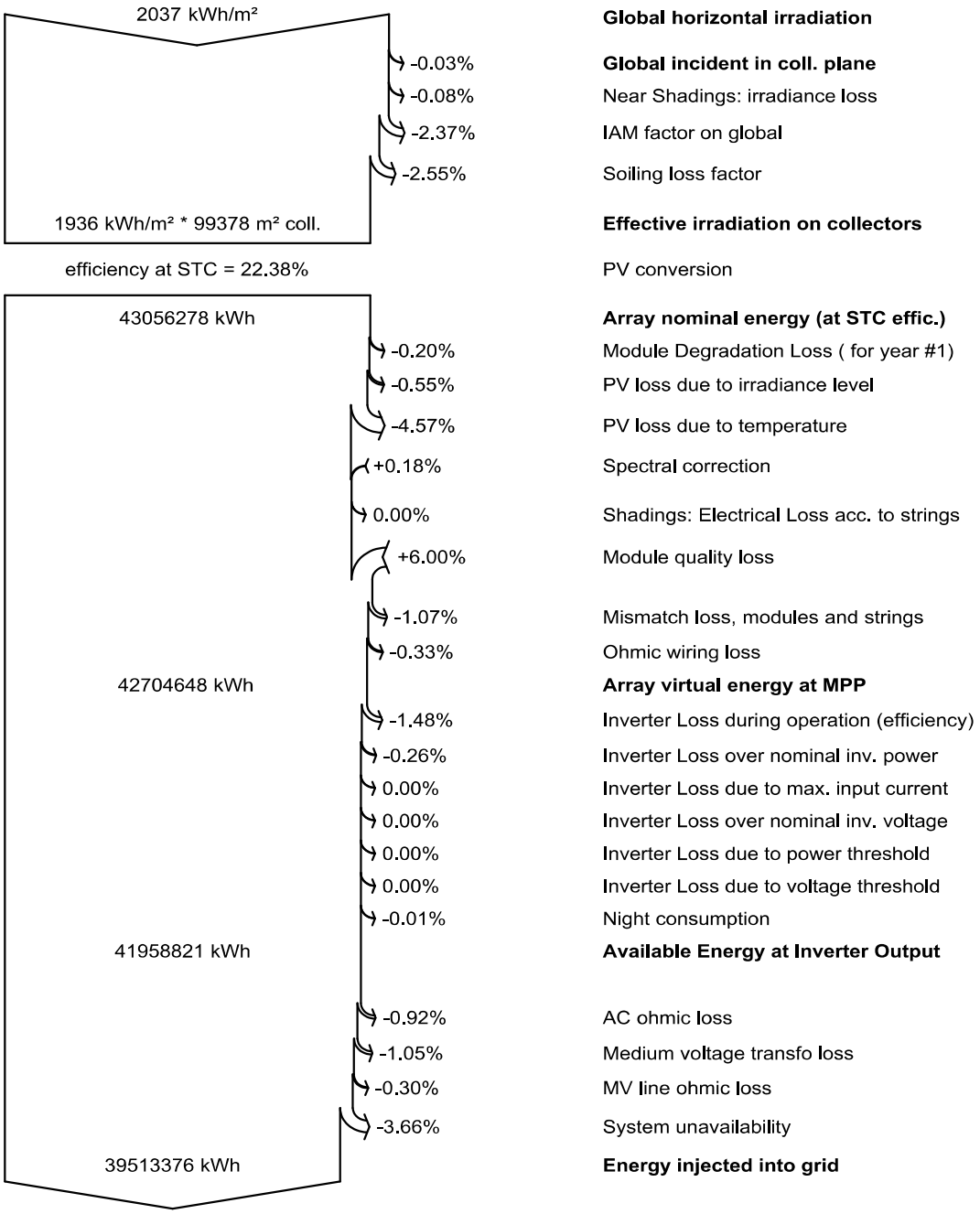
Balances and main results

	GlobHor kWh/m²	DiffHor kWh/m²	T_Amb °C	GlobInc kWh/m²	GlobEff kWh/m²	EArray kWh	E_Grid kWh	PR ratio
January	135.1	50.52	25.82	135.0	127.0	2843432	2741755	0.913
February	146.6	46.60	25.73	146.5	137.2	3050233	2935661	0.901
March	189.5	57.42	25.75	189.5	176.4	3885248	3339921	0.793
April	201.3	62.36	26.10	201.3	186.0	4083968	3924903	0.877
May	197.7	72.89	27.45	197.7	185.9	4067413	3326966	0.757
June	187.4	66.42	27.58	187.3	181.2	3953411	3800824	0.913
July	203.2	66.65	28.45	203.1	194.3	4228156	4065790	0.900
August	193.2	63.95	27.97	193.1	186.7	4063766	3420453	0.797
September	169.8	53.47	27.70	169.8	165.2	3601851	3461779	0.917
October	149.9	50.21	27.81	149.9	145.3	3198904	3079513	0.924
November	133.5	45.23	25.93	133.5	128.0	2864414	2759620	0.930
December	129.2	46.47	25.79	129.2	122.5	2754237	2656192	0.925
Year	2036.5	682.19	26.85	2036.0	1935.6	42595034	39513376	0.873

Legends

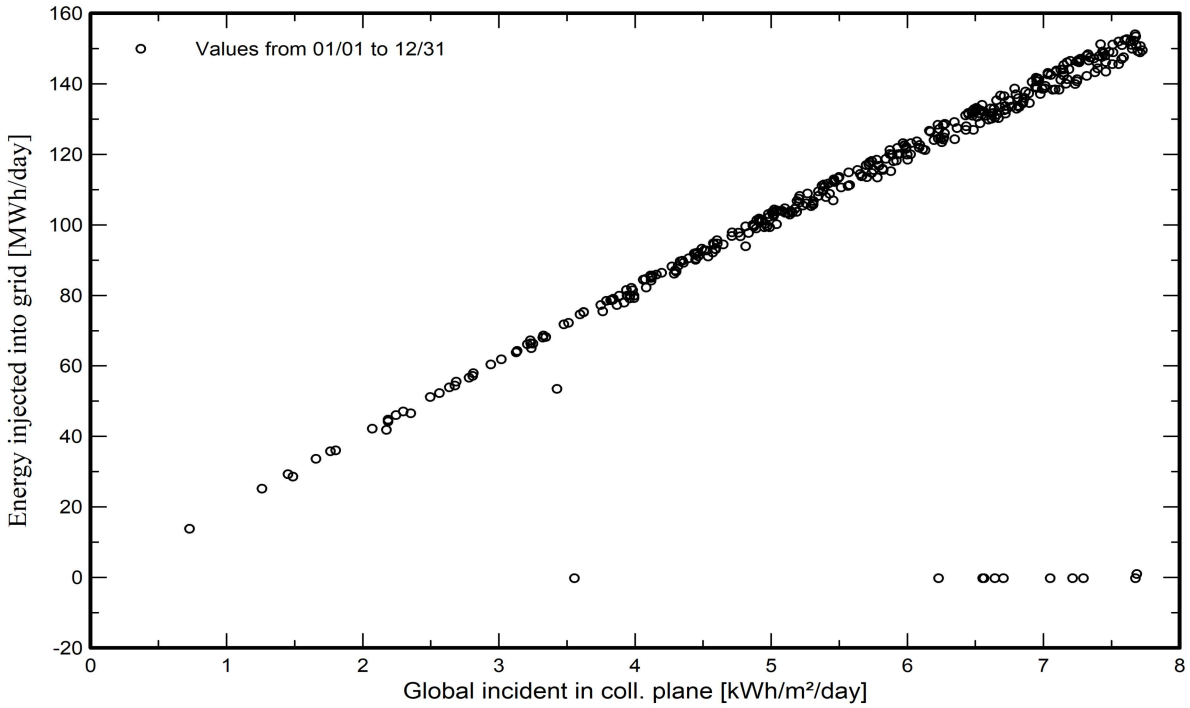
GlobHor	Global horizontal irradiation
DiffHor	Horizontal diffuse irradiation
T_Amb	Ambient Temperature
GlobInc	Global incident in coll. plane
GlobEff	Effective Global, corr. for IAM and shadings
EArray	Effective energy at the output of the array
E_Grid	Energy injected into grid
PR	Performance Ratio

Loss diagram

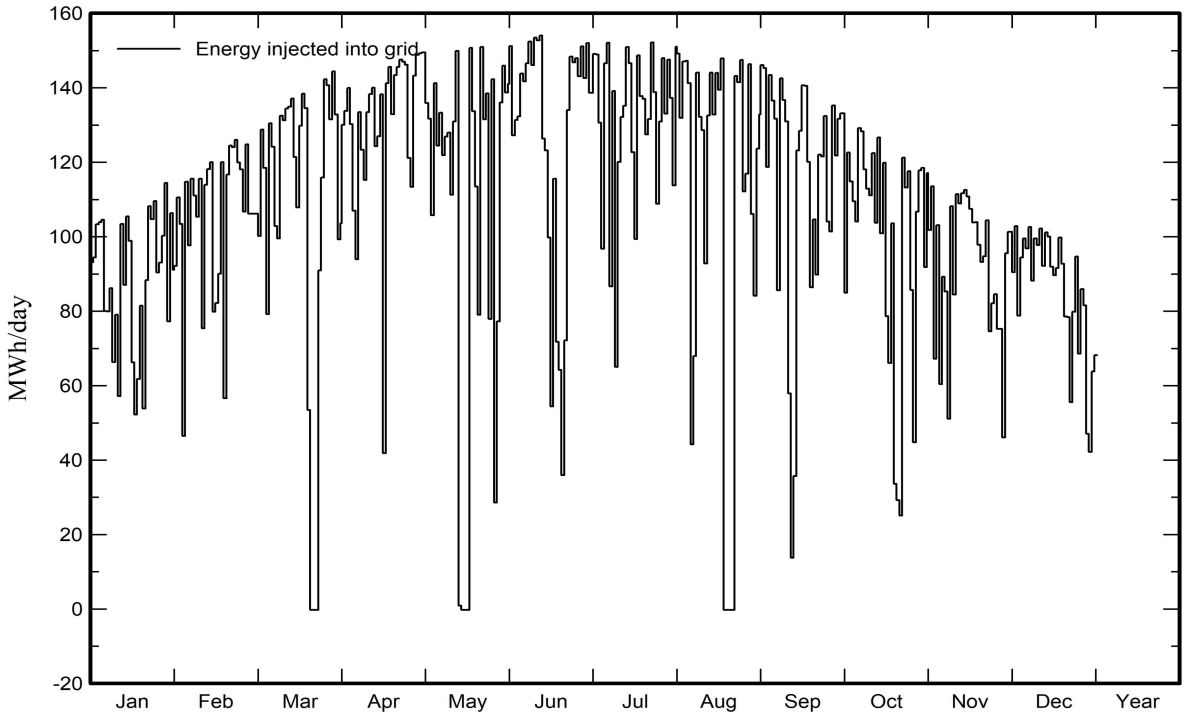


Predef. graphs

Daily Input/Output diagram



Daily System Output Energy



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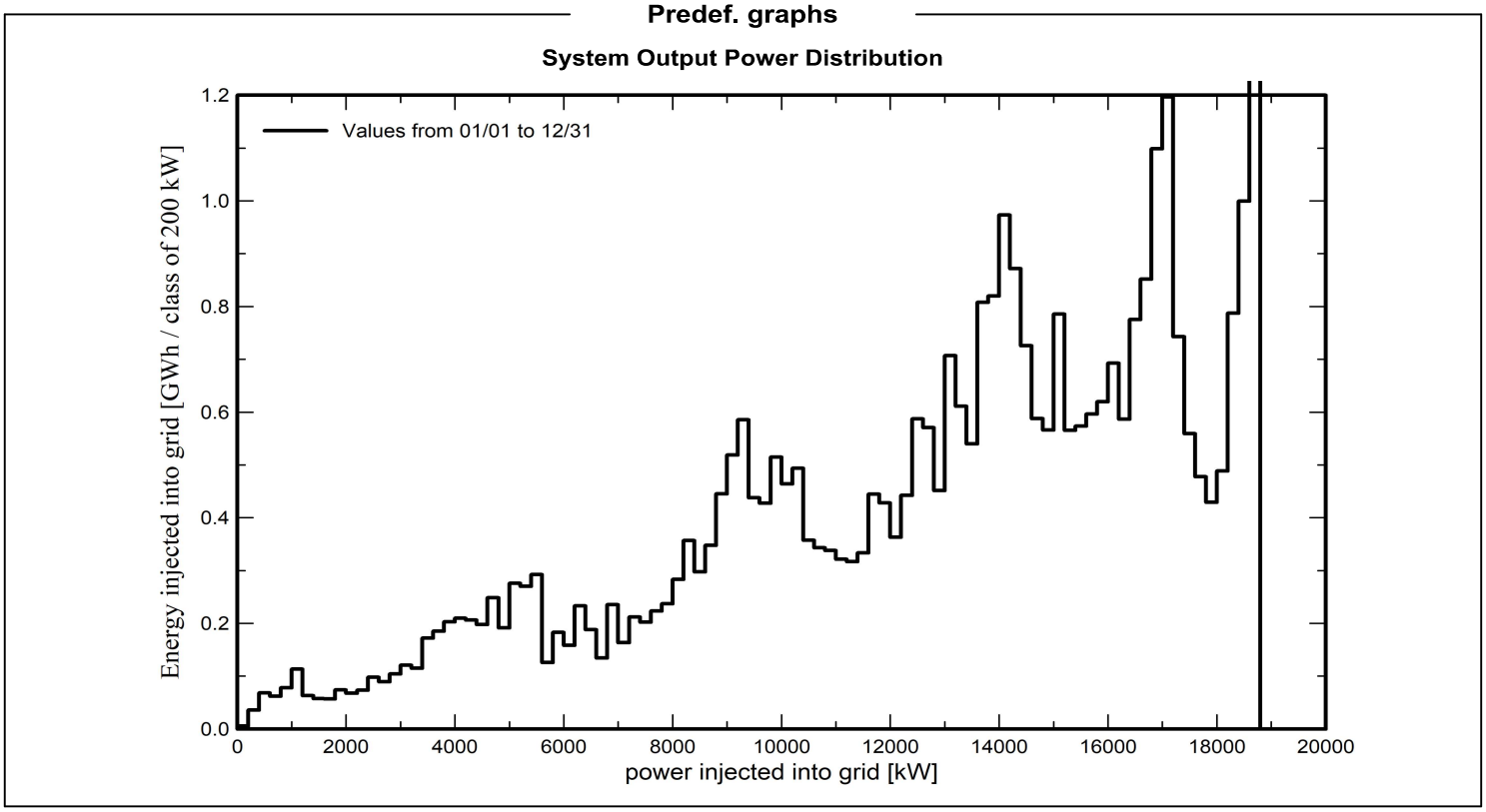
Predef. graphs



Aging Tool

Aging Parameters

Time span of simulation 30 years

Module average degradation

Loss factor 0.4 %/year

Mismatch due to degradation

Imp RMS dispersion 0.4 %/year

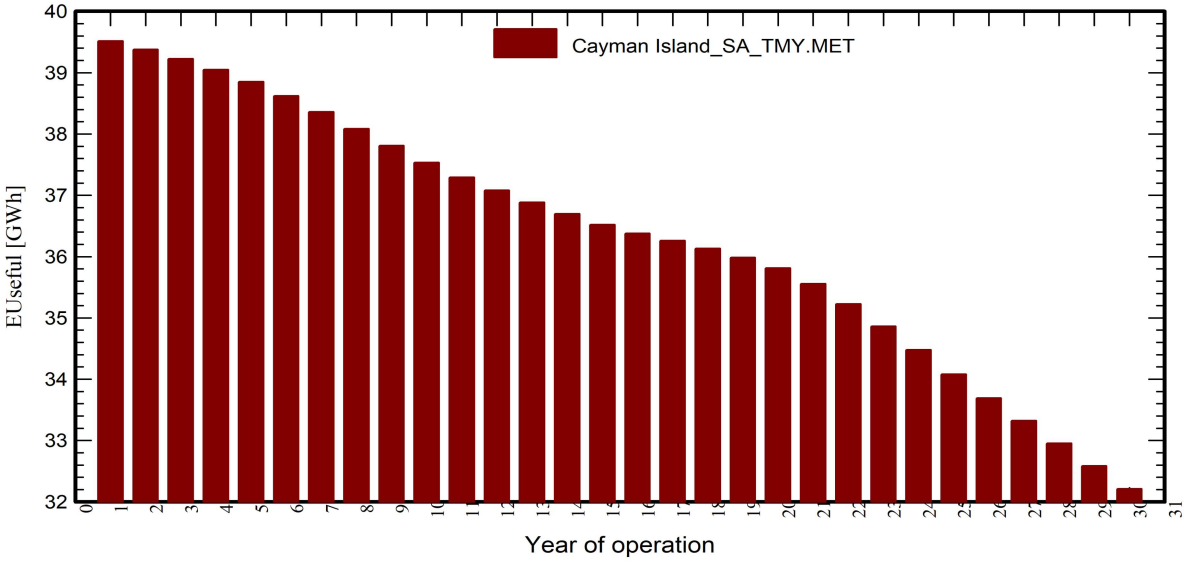
Vmp RMS dispersion 0.4 %/year

Meteo used in the simulation

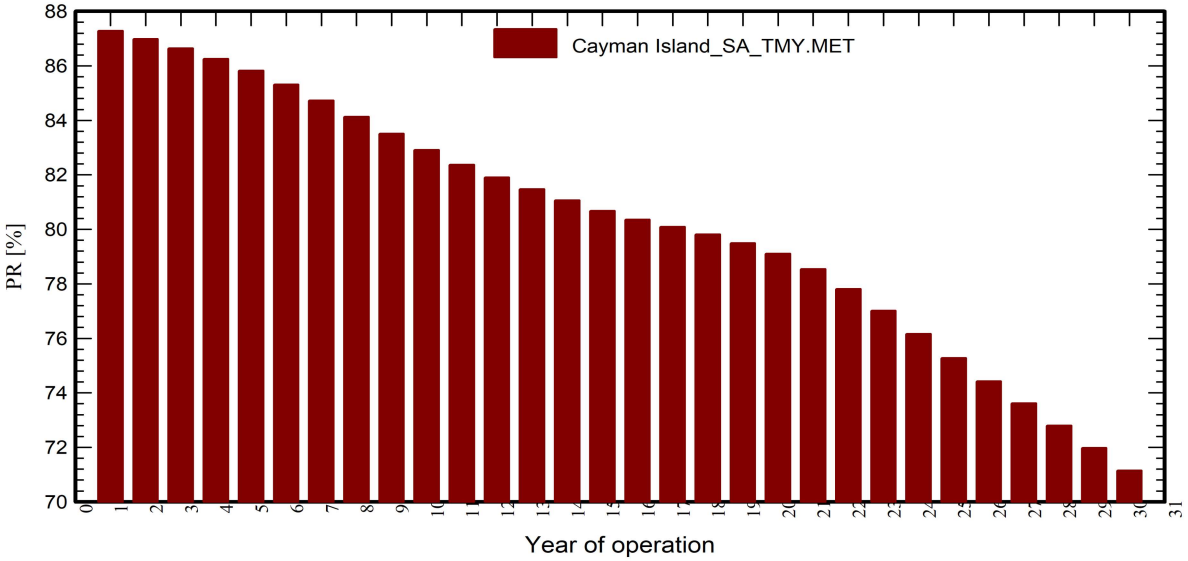
Cayman Island SA TMY

Years reference year

Useful out system energy



Performance Ratio



PVsyst V7.4.0
VC1, Simulation date:
12/21/23 18:37
with v7.4.0

Aging Tool

Aging Parameters

Time span of simulation 30 years

Module average degradation

Loss factor 0.4 %/year

Mismatch due to degradation

Imp RMS dispersion 0.4 %/year

Vmp RMS dispersion 0.4 %/year

Meteo used in the simulation

Cayman Island SA TMY

Years reference year

	EUseful	PR	PR loss
Year	GWh	%	%
1	39.51	87.28	-0.17
2	39.38	86.99	-0.51
3	39.22	86.64	-0.90
4	39.05	86.25	-1.35
5	38.85	85.82	-1.85
6	38.62	85.31	-2.43
7	38.36	84.73	-3.09
8	38.08	84.13	-3.78
9	37.81	83.51	-4.48
10	37.53	82.91	-5.17
11	37.29	82.37	-5.79
12	37.08	81.91	-6.32
13	36.88	81.47	-6.82
14	36.70	81.06	-7.29
15	36.52	80.68	-7.73
16	36.38	80.36	-8.09
17	36.26	80.09	-8.40
18	36.13	79.81	-8.72
19	35.98	79.49	-9.09
20	35.81	79.10	-9.53
21	35.56	78.54	-10.17
22	35.22	77.81	-11.01
23	34.86	77.01	-11.92
24	34.48	76.16	-12.89
25	34.08	75.28	-13.90
26	33.69	74.43	-14.87
27	33.32	73.61	-15.81
28	32.95	72.79	-16.74
29	32.58	71.97	-17.68
30	32.21	71.15	-18.62

P50 - P90 evaluation

Meteo data

SourceSolar Anywhere, satellite data, SUNY model	
Kind	Monthly averages
TMY - Multi-year average	
Year-to-year variability(Variance)	4.0 %
Specified Deviation	
Climate change	0.0 %

Simulation and parameters uncertainties

PV module modelling/parameters	1.0 %
Inverter efficiency uncertainty	0.5 %
Soiling and mismatch uncertainties	1.0 %
Degradation uncertainty	1.0 %

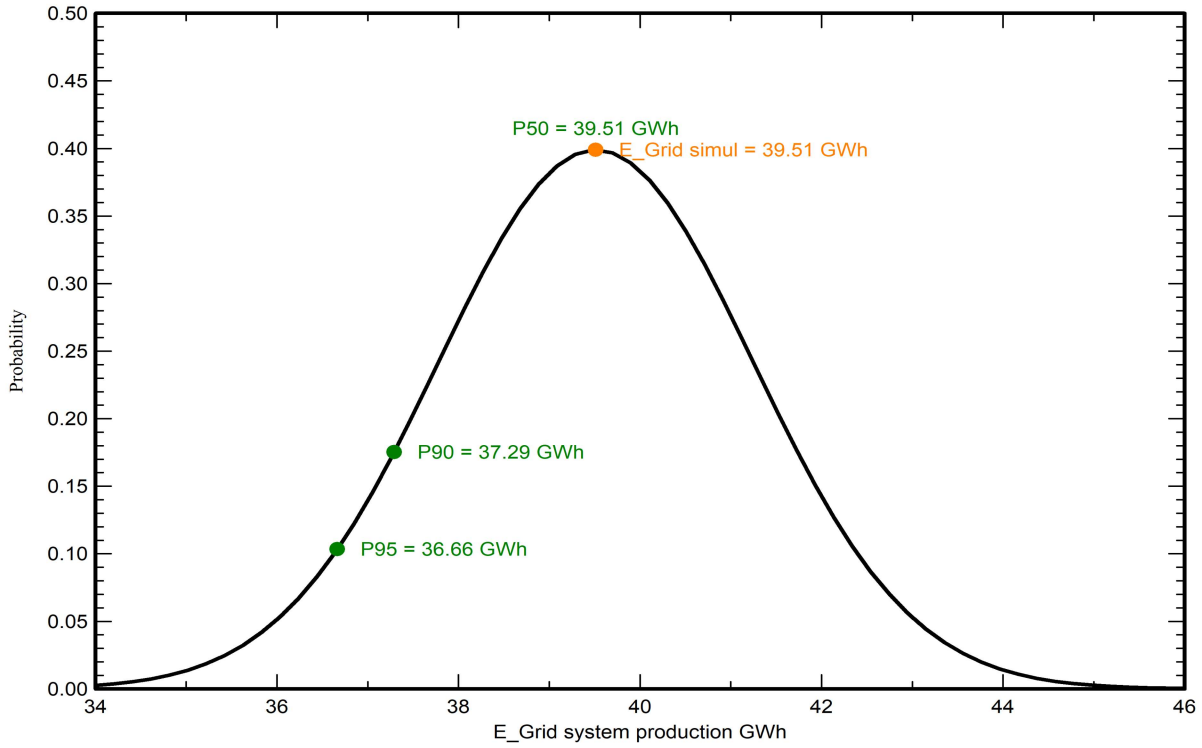
Global variability (meteo + system)

Variability (Quadratic sum)	4.4 %

Annual production probability

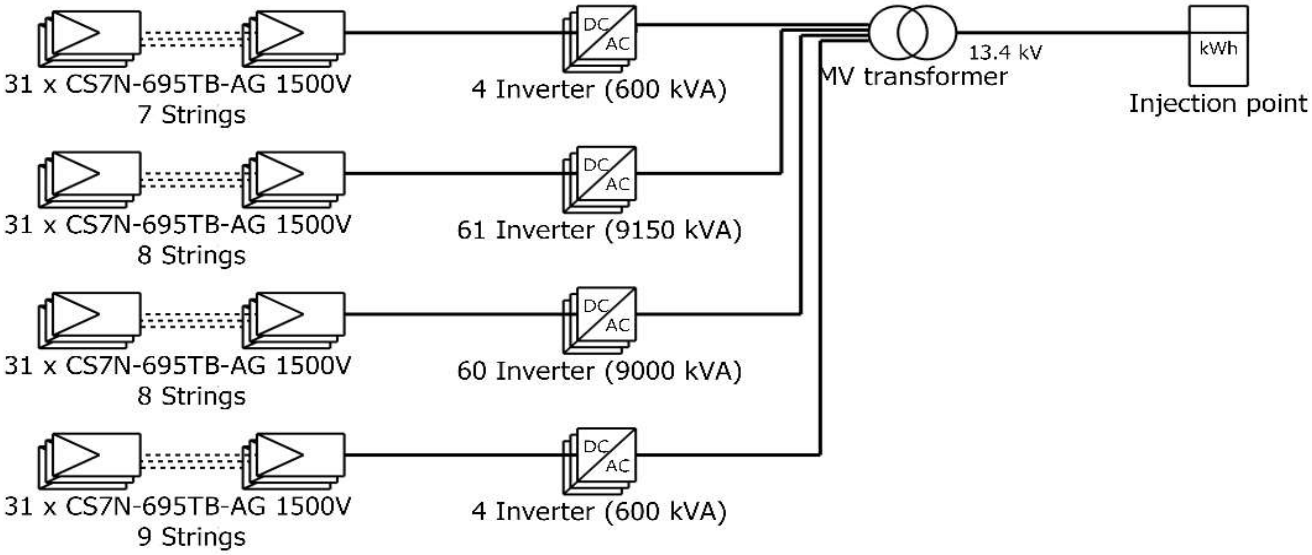
Variability	1.73 GWh
P50	39.51 GWh
P90	37.29 GWh
P95	36.66 GWh

Probability distribution



Single-line diagram

PVsyst V7.4.0
VC1, Simulation date:
12/21/23 18:37
with v7.4.0



PV module	CS7N-695TB-AG 1500V
Inverter	Sunny Highpower SHP150-US-20-PEAK3
String	31 x CS7N-695TB-AG 1500V

	Cayman Island Solar Canopy	Stantec consulting ltd (Canad
	VC1 : Solar Canopy with 40 feet shade	12/21/23

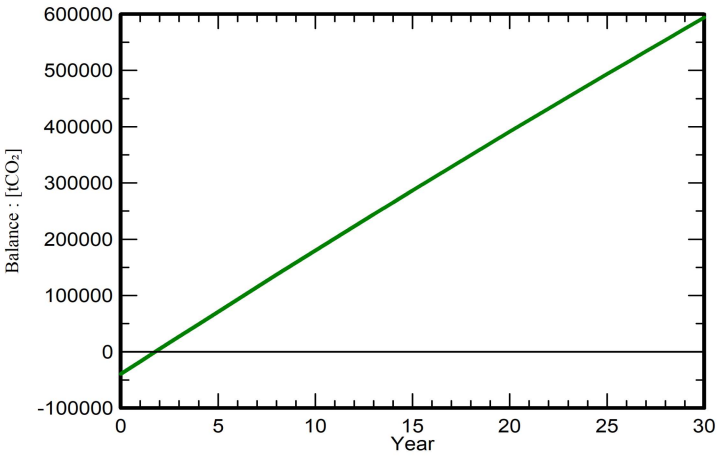
CO_2 Emission Balance

Total: 593889.0 tCO_2

Generated emissions
Total: 39548.16 tCO_2
Source: Detailed calculation from table below

Replaced Emissions
Total: 670937.1 tCO_2
System production: 39513.38 MWh/yr
Grid Lifecycle Emissions: 566 gCO_2/kWh
Source: Custom value supplied by user
Lifetime: 30 years
Annual degradation: 0.4 %

Saved CO_2 Emission vs. Time



System Lifecycle Emissions Details

Item	LCE	Quantity	Subtotal
			[$kgCO_2$]
Modules	1713 kgCO2/kWp	22234 kWp	38081370
Supports	4.40 kgCO2/kg	319920 kg	1408352
Inverters	436 kgCO2/units	134 units	58441

PVSYST 7.4.0

	File	File date	Description		
Project	Cayman Island Solar Canopy_Project.PRJ	07/12/23 01h39	Cayman Island Solar Canopy		
Geographical Site	19.300843304782436 - 81.2383075991375_SA_TMY.SIT	07/12/23 01h39	19.300843304782436 - 81.2383075991375;Cayman Islands;North_America;		
Meteo data	Cayman Island_SA_TMY.MET	01/11/23 20h20	19.300843304782436 - 81.2383075991375;Solar Anywhere	satellite data	SUNY model;TMY
Simulation variant	Cayman Island Solar Canopy_Project.VC1	21/12/23 18h37	Solar Canopy with 40 feet shade		
Simulation date		09/01/24 10h43			

Simulation:	Hourly values	from 01/01/90	to 31/12/90

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/1/1990 0:00	0	-21.619	0	27	8.0001
1/1/1990 1:00	0	-21.619	0	27	8.0001
1/1/1990 2:00	0	-21.619	0	26	6.9999
1/1/1990 3:00	0	-21.619	0	26	6.9999
1/1/1990 4:00	0	-21.619	0	27	6.9999
1/1/1990 5:00	0	-21.619	0	27	8.0001
1/1/1990 6:00	0	-21.619	1	27	8.0001
1/1/1990 7:00	1126.4	1078.1	71.001	27	8.9997
1/1/1990 8:00	5371.8	5239.8	271	27	8.9997
1/1/1990 9:00	10024	9731	471.01	27	8.9997
1/1/1990 10:00	13391	12933	623.99	27	8.9997
1/1/1990 11:00	13149	12705	614.99	27	8.9997
1/1/1990 12:00	14560	14035	681.99	27	8.9997
1/1/1990 13:00	12422	12017	579.99	27	8.9997
1/1/1990 14:00	11983	11600	558.99	27	8.9997
1/1/1990 15:00	8632.3	8396.4	406.01	27	8.9997
1/1/1990 16:00	4825.8	4708.3	242	27	8.9997
1/1/1990 17:00	980.71	934.61	62.001	27	8.9997
1/1/1990 18:00	0	-21.619	1	26	8.9997
1/1/1990 19:00	0	-21.619	0	26	8.9997
1/1/1990 20:00	0	-21.619	0	26	8.0001
1/1/1990 21:00	0	-21.619	0	27	8.0001
1/1/1990 22:00	0	-21.619	0	27	8.0001
1/1/1990 23:00	0	-21.619	0	27	6.9999
2/1/1990 0:00	0	-21.619	0	27	6.9999
2/1/1990 1:00	0	-21.619	0	27	6.9999
2/1/1990 2:00	0	-21.619	0	27	6.9999
2/1/1990 3:00	0	-21.619	0	27	8.0001
2/1/1990 4:00	0	-21.619	0	27	8.0001
2/1/1990 5:00	0	-21.619	0	26	8.0001
2/1/1990 6:00	0	-21.619	1	26	8.9997
2/1/1990 7:00	1122.9	1074.5	69.001	26	8.9997
2/1/1990 8:00	5356.6	5225.2	267	26	8.9997
2/1/1990 9:00	7579.6	7381	355.01	26	8.9997
2/1/1990 10:00	12260	11862	571.99	27	8.9997
2/1/1990 11:00	15658	15064	733	27	8.9997
2/1/1990 12:00	15624	15033	732	27	8.9997
2/1/1990 13:00	15490	14907	726	27	8.0001
2/1/1990 14:00	13086	12645	610.99	27	8.0001
2/1/1990 15:00	7035.1	6854.5	332.01	27	8.0001
2/1/1990 16:00	3808.9	3714.8	189	27	8.0001
2/1/1990 17:00	971.1	925.17	58.001	27	8.0001
2/1/1990 18:00	0	-21.619	0	27	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
2/1/1990 19:00	0	-21.619	0	27	6.9999
2/1/1990 20:00	0	-21.619	0	27	6.9999
2/1/1990 21:00	0	-21.619	0	27	6.0002
2/1/1990 22:00	0	-21.619	0	27	6.0002
2/1/1990 23:00	0	-21.619	0	27	6.0002
3/1/1990 0:00	0	-21.619	0	26	6.0002
3/1/1990 1:00	0	-21.619	0	26	6.0002
3/1/1990 2:00	0	-21.619	0	26	6.9999
3/1/1990 3:00	0	-21.619	0	26	6.9999
3/1/1990 4:00	0	-21.619	0	26	6.9999
3/1/1990 5:00	0	-21.619	0	26	6.9999
3/1/1990 6:00	0	-21.619	1	26	6.9999
3/1/1990 7:00	1099.5	1051.4	71.001	26	6.9999
3/1/1990 8:00	5328.7	5197.8	269	26	8.0001
3/1/1990 9:00	9978.6	9687.6	468.01	26	8.0001
3/1/1990 10:00	13552	13085	631.99	26	6.9999
3/1/1990 11:00	15640	15048	735	27	6.9999
3/1/1990 12:00	16333	15695	771	27	6.0002
3/1/1990 13:00	15609	15019	735	27	6.0002
3/1/1990 14:00	13443	12984	630.99	27	5
3/1/1990 15:00	9942.2	9652.8	470.01	27	5
3/1/1990 16:00	5299	5168.9	270	27	5
3/1/1990 17:00	1072.5	1025	68.001	27	5
3/1/1990 18:00	0	-21.619	1	27	5
3/1/1990 19:00	0	-21.619	0	27	5
3/1/1990 20:00	0	-21.619	0	26	5
3/1/1990 21:00	0	-21.619	0	26	5
3/1/1990 22:00	0	-21.619	0	26	5
3/1/1990 23:00	0	-21.619	0	26	5
4/1/1990 0:00	0	-21.619	0	26	3.9998
4/1/1990 1:00	0	-21.619	0	26	3.9998
4/1/1990 2:00	0	-21.619	0	26	3.9998
4/1/1990 3:00	0	-21.619	0	25	3.9998
4/1/1990 4:00	0	-21.619	0	25	3.9998
4/1/1990 5:00	0	-21.619	0	25	3.9998
4/1/1990 6:00	0	-21.619	1	25	3.9998
4/1/1990 7:00	1097.5	1049.4	70.001	25	3.9998
4/1/1990 8:00	5418.7	5285.3	274	25	5
4/1/1990 9:00	10097	9801.1	474.01	25	5
4/1/1990 10:00	13613	13143	634.99	25	5
4/1/1990 11:00	15693	15097	738	26	5
4/1/1990 12:00	16410	15766	774	26	5
4/1/1990 13:00	15692	15097	738	26	5
4/1/1990 14:00	13552	13086	633.99	26	5
4/1/1990 15:00	10070	9775.4	474.01	26	5
4/1/1990 16:00	5209.9	5082.3	263	26	5
4/1/1990 17:00	1058.7	1011.3	69.001	26	5
4/1/1990 18:00	0	-21.619	1	26	5
4/1/1990 19:00	0	-21.619	0	26	5
4/1/1990 20:00	0	-21.619	0	26	5
4/1/1990 21:00	0	-21.619	0	26	5
4/1/1990 22:00	0	-21.619	0	26	5
4/1/1990 23:00	0	-21.619	0	26	3.9998
5/1/1990 0:00	0	-21.619	0	26	3.9998
5/1/1990 1:00	0	-21.619	0	26	3.9998
5/1/1990 2:00	0	-21.619	0	25	3.9998
5/1/1990 3:00	0	-21.619	0	25	5
5/1/1990 4:00	0	-21.619	0	25	5
5/1/1990 5:00	0	-21.619	0	25	5
5/1/1990 6:00	0	-21.619	1	25	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
5/1/1990 7:00	1095.1	1047	70.001	25	5
5/1/1990 8:00	5392.3	5259.5	273	25	5
5/1/1990 9:00	10104	9807.5	474.01	25	6.0002
5/1/1990 10:00	13651	13178	635.99	25	6.0002
5/1/1990 11:00	15729	15131	740	26	5
5/1/1990 12:00	16463	15816	777	26	5
5/1/1990 13:00	15769	15168	742	26	5
5/1/1990 14:00	13632	13161	637.99	26	5
5/1/1990 15:00	10128	9830.8	477.01	26	5
5/1/1990 16:00	5467.3	5332.6	277	26	5
5/1/1990 17:00	1117.5	1069.2	74.001	26	5
5/1/1990 18:00	0	-21.619	1	26	5
5/1/1990 19:00	0	-21.619	0	26	5
5/1/1990 20:00	0	-21.619	0	26	5
5/1/1990 21:00	0	-21.619	0	26	5
5/1/1990 22:00	0	-21.619	0	26	5
5/1/1990 23:00	0	-21.619	0	26	5
6/1/1990 0:00	0	-21.619	0	25	5
6/1/1990 1:00	0	-21.619	0	25	5
6/1/1990 2:00	0	-21.619	0	25	5
6/1/1990 3:00	0	-21.619	0	25	5
6/1/1990 4:00	0	-21.619	0	25	5
6/1/1990 5:00	0	-21.619	0	25	5
6/1/1990 6:00	0	-21.619	1	25	5
6/1/1990 7:00	1079.4	1031.5	68.001	25	5
6/1/1990 8:00	5333.9	5202.9	269	25	5
6/1/1990 9:00	9965.6	9675.3	469.01	26	5
6/1/1990 10:00	13330	12876	622.99	26	5
6/1/1990 11:00	14244	13738	668.99	26	5
6/1/1990 12:00	14347	13835	674.99	26	5
6/1/1990 13:00	9220.7	8963.2	436.01	26	3.9998
6/1/1990 14:00	5740	5598.7	272	26	3.9998
6/1/1990 15:00	4239.5	4136.4	203	26	3.9998
6/1/1990 16:00	4212.2	4109.5	208	26	3.9998
6/1/1990 17:00	1181.2	1131.9	71.001	26	5
6/1/1990 18:00	0	-21.619	1	26	5
6/1/1990 19:00	0	-21.619	0	26	5
6/1/1990 20:00	0	-21.619	0	25	6.0002
6/1/1990 21:00	0	-21.619	0	25	6.0002
6/1/1990 22:00	0	-21.619	0	25	6.0002
6/1/1990 23:00	0	-21.619	0	26	6.0002
7/1/1990 0:00	0	-21.619	0	26	6.0002
7/1/1990 1:00	0	-21.619	0	26	6.9999
7/1/1990 2:00	0	-21.619	0	25	6.0002
7/1/1990 3:00	0	-21.619	0	25	6.0002
7/1/1990 4:00	0	-21.619	0	25	6.0002
7/1/1990 5:00	0	-21.619	0	25	6.0002
7/1/1990 6:00	0	-21.619	1	26	6.0002
7/1/1990 7:00	769.19	726.18	41.001	26	6.0002
7/1/1990 8:00	4141.1	4039.9	204	26	6.0002
7/1/1990 9:00	9300.8	9038.8	437.01	26	6.0002
7/1/1990 10:00	11983	11600	558.99	26	5
7/1/1990 11:00	12881	12452	604.99	26	3.9998
7/1/1990 12:00	9887.6	9602.7	468.01	26	3.9998
7/1/1990 13:00	12553	12141	592.99	26	3.0001
7/1/1990 14:00	6956	6778.1	329	26	3.0001
7/1/1990 15:00	7649.6	7448.7	361.01	26	3.0001
7/1/1990 16:00	5405.1	5272.4	269	26	3.0001
7/1/1990 17:00	1133	1084.5	74.001	26	3.0001
7/1/1990 18:00	0	-21.619	1	26	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
7/1/1990 19:00	0	-21.619	0	26	3.0001
7/1/1990 20:00	0	-21.619	0	26	3.9998
7/1/1990 21:00	0	-21.619	0	26	3.9998
7/1/1990 22:00	0	-21.619	0	26	3.9998
7/1/1990 23:00	0	-21.619	0	26	3.9998
8/1/1990 0:00	0	-21.619	0	26	3.9998
8/1/1990 1:00	0	-21.619	0	26	3.0001
8/1/1990 2:00	0	-21.619	0	26	3.0001
8/1/1990 3:00	0	-21.619	0	26	3.0001
8/1/1990 4:00	0	-21.619	0	26	3.0001
8/1/1990 5:00	0	-21.619	0	26	3.0001
8/1/1990 6:00	0	-21.619	1	26	3.0001
8/1/1990 7:00	1019.3	972.5	64.001	26	3.0001
8/1/1990 8:00	5307.8	5177.5	269	26	3.0001
8/1/1990 9:00	10004	9712.5	472.01	26	3.0001
8/1/1990 10:00	13178	12733	618.99	26	1.9999
8/1/1990 11:00	15014	14463	711	26	1.0002
8/1/1990 12:00	13364	12910	632.99	26	1.0002
8/1/1990 13:00	12421	12017	589.99	26	0
8/1/1990 14:00	7596.7	7397.7	360.01	26	1.0002
8/1/1990 15:00	5450.2	5316.8	260	26	1.0002
8/1/1990 16:00	4688.7	4574.7	232	26	1.9999
8/1/1990 17:00	1188.9	1139.5	76.001	26	1.9999
8/1/1990 18:00	0	-21.619	1	26	3.0001
8/1/1990 19:00	0	-21.619	0	26	3.0001
8/1/1990 20:00	0	-21.619	0	26	3.0001
8/1/1990 21:00	0	-21.619	0	26	3.0001
8/1/1990 22:00	0	-21.619	0	26	3.0001
8/1/1990 23:00	0	-21.619	0	26	3.0001
9/1/1990 0:00	0	-21.619	0	26	3.0001
9/1/1990 1:00	0	-21.619	0	26	3.0001
9/1/1990 2:00	0	-21.619	0	25	3.0001
9/1/1990 3:00	0	-21.619	0	25	3.0001
9/1/1990 4:00	0	-21.619	0	24	3.9998
9/1/1990 5:00	0	-21.619	0	25	5
9/1/1990 6:00	0	-21.619	1	24	6.0002
9/1/1990 7:00	448.45	409.71	24	24	6.0002
9/1/1990 8:00	1979.3	1916.1	97.001	24	6.9999
9/1/1990 9:00	1997.7	1934.1	98.001	24	8.0001
9/1/1990 10:00	5190.8	5064.3	246	24	8.9997
9/1/1990 11:00	11139	10797	517.99	24	8.9997
9/1/1990 12:00	13108	12666	606.99	24	8.9997
9/1/1990 13:00	15804	15200	736	25	8.9997
9/1/1990 14:00	11280	10931	524.99	25	8.9997
9/1/1990 15:00	4651.5	4538.6	221	25	8.0001
9/1/1990 16:00	2489.6	2418.7	121	25	8.0001
9/1/1990 17:00	790.52	747.1	44.001	25	8.9997
9/1/1990 18:00	0	-21.619	0	25	8.9997
9/1/1990 19:00	0	-21.619	0	25	8.9997
9/1/1990 20:00	0	-21.619	0	25	8.0001
9/1/1990 21:00	0	-21.619	0	25	8.0001
9/1/1990 22:00	0	-21.619	0	25	8.0001
9/1/1990 23:00	0	-21.619	0	25	8.0001
10/1/1990 0:00	0	-21.619	0	25	8.0001
10/1/1990 1:00	0	-21.619	0	25	8.0001
10/1/1990 2:00	0	-21.619	0	25	8.0001
10/1/1990 3:00	0	-21.619	0	26	8.0001
10/1/1990 4:00	0	-21.619	0	25	8.9997
10/1/1990 5:00	0	-21.619	0	25	8.9997
10/1/1990 6:00	0	-21.619	0	24	10

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
10/1/1990 7:00	501.37	461.93	26	24	11
10/1/1990 8:00	2531.9	2460.1	123	24	11
10/1/1990 9:00	3151.4	3069.7	151	24	11
10/1/1990 10:00	10901	10571	505.01	24	11
10/1/1990 11:00	14194	13691	656.99	24	11
10/1/1990 12:00	13975	13485	649.99	25	10
10/1/1990 13:00	12635	12218	588.99	25	10
10/1/1990 14:00	10185	9886.5	474.01	25	8.9997
10/1/1990 15:00	8498.1	8267.4	397.01	25	10
10/1/1990 16:00	4297.8	4193.3	209	25	8.9997
10/1/1990 17:00	1057.6	1010.1	61.001	25	8.9997
10/1/1990 18:00	0	-21.619	1	25	8.9997
10/1/1990 19:00	0	-21.619	0	26	8.9997
10/1/1990 20:00	0	-21.619	0	26	8.9997
10/1/1990 21:00	0	-21.619	0	26	8.9997
10/1/1990 22:00	0	-21.619	0	26	8.9997
10/1/1990 23:00	0	-21.619	0	26	8.9997
11/1/1990 0:00	0	-21.619	0	26	8.9997
11/1/1990 1:00	0	-21.619	0	26	10
11/1/1990 2:00	0	-21.619	0	26	10
11/1/1990 3:00	0	-21.619	0	26	10
11/1/1990 4:00	0	-21.619	0	26	10
11/1/1990 5:00	0	-21.619	0	26	10
11/1/1990 6:00	0	-21.619	1	26	8.9997
11/1/1990 7:00	858.26	813.93	48.001	26	8.9997
11/1/1990 8:00	4318.6	4213.5	213	26	10
11/1/1990 9:00	7092.7	6910.3	333.01	26	10
11/1/1990 10:00	9052.3	8801.2	424.01	26	10
11/1/1990 11:00	7804	7598.1	371.01	27	10
11/1/1990 12:00	9552.5	9281.7	451.01	27	10
11/1/1990 13:00	4723.9	4609.2	229	27	10
11/1/1990 14:00	5915.6	5769.5	281	26	8.9997
11/1/1990 15:00	7332.8	7142.6	346.01	27	8.9997
11/1/1990 16:00	1959.5	1897.1	96.001	27	8.9997
11/1/1990 17:00	436.77	398.32	23	27	8.9997
11/1/1990 18:00	0	-21.619	0	27	8.0001
11/1/1990 19:00	0	-21.619	0	27	8.0001
11/1/1990 20:00	0	-21.619	0	27	6.9999
11/1/1990 21:00	0	-21.619	0	27	6.9999
11/1/1990 22:00	0	-21.619	0	27	6.9999
11/1/1990 23:00	0	-21.619	0	27	6.9999
12/1/1990 0:00	0	-21.619	0	27	6.9999
12/1/1990 1:00	0	-21.619	0	27	6.9999
12/1/1990 2:00	0	-21.619	0	27	6.0002
12/1/1990 3:00	0	-21.619	0	27	6.9999
12/1/1990 4:00	0	-21.619	0	27	6.9999
12/1/1990 5:00	0	-21.619	0	27	8.0001
12/1/1990 6:00	0	-21.619	1	27	8.0001
12/1/1990 7:00	976.3	930.3	58.001	27	6.9999
12/1/1990 8:00	4789.8	4673.2	239	27	6.9999
12/1/1990 9:00	9912.5	9624.7	466.01	27	6.9999
12/1/1990 10:00	13553	13086	632.99	27	6.9999
12/1/1990 11:00	15795	15193	742	27	6.9999
12/1/1990 12:00	15044	14490	708	27	6.0002
12/1/1990 13:00	15824	15220	745	27	6.0002
12/1/1990 14:00	13916	13429	648.99	26	6.9999
12/1/1990 15:00	10516	10202	492.01	26	6.9999
12/1/1990 16:00	5803	5659.1	288	26	6.9999
12/1/1990 17:00	1256.9	1206.3	78.001	26	6.0002
12/1/1990 18:00	0	-21.619	2	26	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
12/1/1990 19:00	0	-21.619	0	26	6.0002
12/1/1990 20:00	0	-21.619	0	26	6.0002
12/1/1990 21:00	0	-21.619	0	26	6.0002
12/1/1990 22:00	0	-21.619	0	26	6.9999
12/1/1990 23:00	0	-21.619	0	26	6.9999
13/01/90 00:00	0	-21.619	0	26	6.9999
13/01/90 01:00	0	-21.619	0	26	6.9999
13/01/90 02:00	0	-21.619	0	26	6.9999
13/01/90 03:00	0	-21.619	0	26	6.9999
13/01/90 04:00	0	-21.619	0	26	6.9999
13/01/90 05:00	0	-21.619	0	26	6.9999
13/01/90 06:00	0	-21.619	1	26	6.9999
13/01/90 07:00	959.32	913.47	57.001	26	6.9999
13/01/90 08:00	5144.5	5018.8	258	26	6.0002
13/01/90 09:00	9866.1	9580.2	463.01	26	6.0002
13/01/90 10:00	13602	13133	634.99	26	6.0002
13/01/90 11:00	15773	15172	742	26	5
13/01/90 12:00	16370	15729	771	26	5
13/01/90 13:00	13052	12614	612.99	26	3.9998
13/01/90 14:00	9182.2	8926	430.01	26	3.9998
13/01/90 15:00	2930.1	2852.4	142	26	3.0001
13/01/90 16:00	2781.1	2705.8	138	26	3.0001
13/01/90 17:00	723.07	680.7	44.001	26	3.0001
13/01/90 18:00	0	-21.619	2	26	3.0001
13/01/90 19:00	0	-21.619	0	26	3.0001
13/01/90 20:00	0	-21.619	0	26	3.0001
13/01/90 21:00	0	-21.619	0	26	3.0001
13/01/90 22:00	0	-21.619	0	26	3.0001
13/01/90 23:00	0	-21.619	0	26	1.9999
14/01/90 00:00	0	-21.619	0	26	1.9999
14/01/90 01:00	0	-21.619	0	26	1.9999
14/01/90 02:00	0	-21.619	0	26	1.9999
14/01/90 03:00	0	-21.619	0	25	1.9999
14/01/90 04:00	0	-21.619	0	25	1.9999
14/01/90 05:00	0	-21.619	0	25	1.0002
14/01/90 06:00	0	-21.619	1	25	1.0002
14/01/90 07:00	984.68	938.37	59.001	25	1.0002
14/01/90 08:00	5157.5	5031.4	258	25	1.0002
14/01/90 09:00	9503.3	9232.8	447.01	25	1.0002
14/01/90 10:00	13100	12659	613.99	25	1.0002
14/01/90 11:00	15879	15272	750	25	1.9999
14/01/90 12:00	16673	16013	793	26	1.9999
14/01/90 13:00	16095	15474	763	26	1.9999
14/01/90 14:00	14086	13589	662.99	26	1.9999
14/01/90 15:00	10699	10377	504.01	26	1.9999
14/01/90 16:00	6037.7	5887.1	300	26	1.9999
14/01/90 17:00	1281.4	1230.5	81.001	26	1.9999
14/01/90 18:00	0	-21.619	2	26	1.9999
14/01/90 19:00	0	-21.619	0	26	3.0001
14/01/90 20:00	0	-21.619	0	26	3.0001
14/01/90 21:00	0	-21.619	0	26	3.0001
14/01/90 22:00	0	-21.619	0	26	3.0001
14/01/90 23:00	0	-21.619	0	26	3.0001
15/01/90 00:00	0	-21.619	0	26	3.0001
15/01/90 01:00	0	-21.619	0	26	3.0001
15/01/90 02:00	0	-21.619	0	26	1.9999
15/01/90 03:00	0	-21.619	0	25	1.9999
15/01/90 04:00	0	-21.619	0	25	1.9999
15/01/90 05:00	0	-21.619	0	26	1.9999
15/01/90 06:00	0	-21.619	1	26	1.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
15/01/90 07:00	1002.6	956.06	63.001	26	1.9999
15/01/90 08:00	5176.6	5049.9	262	26	3.0001
15/01/90 09:00	10083	9788	475.01	26	3.0001
15/01/90 10:00	13629	13159	638.99	26	3.0001
15/01/90 11:00	14613	14086	687.99	26	3.0001
15/01/90 12:00	16718	16054	793	26	3.0001
15/01/90 13:00	14731	14197	695.99	26	1.9999
15/01/90 14:00	11522	11162	540.99	26	1.9999
15/01/90 15:00	9101.3	8847.7	428.01	26	1.9999
15/01/90 16:00	5362.6	5231.2	262	25	1.9999
15/01/90 17:00	708.55	666.41	38.001	26	1.9999
15/01/90 18:00	0	-21.619	1	26	1.9999
15/01/90 19:00	0	-21.619	0	26	1.9999
15/01/90 20:00	0	-21.619	0	26	1.9999
15/01/90 21:00	0	-21.619	0	26	1.0002
15/01/90 22:00	0	-21.619	0	26	1.0002
15/01/90 23:00	0	-21.619	0	26	1.0002
16/01/90 00:00	0	-21.619	0	26	1.0002
16/01/90 01:00	0	-21.619	0	25	1.0002
16/01/90 02:00	0	-21.619	0	25	1.0002
16/01/90 03:00	0	-21.619	0	25	1.0002
16/01/90 04:00	0	-21.619	0	25	1.9999
16/01/90 05:00	0	-21.619	0	25	3.0001
16/01/90 06:00	0	-21.619	1	25	1.9999
16/01/90 07:00	841.71	797.57	45.001	25	1.9999
16/01/90 08:00	3518.2	3430	172	25	1.9999
16/01/90 09:00	4315.2	4210.4	206	25	1.9999
16/01/90 10:00	9487.1	9218.6	445.01	25	1.9999
16/01/90 11:00	11452	11095	539.99	26	3.0001
16/01/90 12:00	12778	12354	603.99	26	3.0001
16/01/90 13:00	12472	12064	586.99	25	3.0001
16/01/90 14:00	6940.9	6763.5	329	25	3.0001
16/01/90 15:00	4021.5	3923.4	193	25	3.9998
16/01/90 16:00	2289.7	2222.1	111	25	3.9998
16/01/90 17:00	481.77	442.65	25	25	5
16/01/90 18:00	0	-21.619	1	25	6.0002
16/01/90 19:00	0	-21.619	0	25	6.0002
16/01/90 20:00	0	-21.619	0	25	6.9999
16/01/90 21:00	0	-21.619	0	25	6.9999
16/01/90 22:00	0	-21.619	0	25	6.9999
16/01/90 23:00	0	-21.619	0	25	6.9999
17/01/90 00:00	0	-21.619	0	25	6.9999
17/01/90 01:00	0	-21.619	0	25	6.0002
17/01/90 02:00	0	-21.619	0	25	6.0002
17/01/90 03:00	0	-21.619	0	25	6.0002
17/01/90 04:00	0	-21.619	0	25	5
17/01/90 05:00	0	-21.619	0	25	5
17/01/90 06:00	0	-21.619	1	25	5
17/01/90 07:00	620.41	579.42	32	25	6.0002
17/01/90 08:00	2422.3	2352.5	117	25	6.0002
17/01/90 09:00	4741.4	4626.3	226	25	6.0002
17/01/90 10:00	7560.6	7362.9	357.01	25	6.0002
17/01/90 11:00	6400	6239.5	305	25	5
17/01/90 12:00	7236	7049.1	347.01	25	5
17/01/90 13:00	6480.7	6317.7	311	25	5
17/01/90 14:00	7479.5	7284.5	355.01	26	5
17/01/90 15:00	6479.4	6316.4	307	26	5
17/01/90 16:00	3542.4	3453.8	171	26	5
17/01/90 17:00	961.54	915.69	49.001	26	5
17/01/90 18:00	0	-21.619	2	26	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
17/01/90 19:00	0	-21.619	0	26	5
17/01/90 20:00	0	-21.619	0	26	5
17/01/90 21:00	0	-21.619	0	26	6.0002
17/01/90 22:00	0	-21.619	0	25	5
17/01/90 23:00	0	-21.619	0	25	5
18/01/90 00:00	0	-21.619	0	25	5
18/01/90 01:00	0	-21.619	0	24	5
18/01/90 02:00	0	-21.619	0	24	5
18/01/90 03:00	0	-21.619	0	24	5
18/01/90 04:00	0	-21.619	0	24	6.0002
18/01/90 05:00	0	-21.619	0	25	6.9999
18/01/90 06:00	0	-21.619	1	25	8.9997
18/01/90 07:00	715.2	672.87	38.001	25	10
18/01/90 08:00	2335.5	2267	114	25	10
18/01/90 09:00	3915.5	3819.8	188	26	10
18/01/90 10:00	7536.6	7339.7	354.01	26	10
18/01/90 11:00	7341.4	7150.9	346.01	26	10
18/01/90 12:00	11071	10732	520.99	26	8.9997
18/01/90 13:00	10722	10399	504.01	26	8.9997
18/01/90 14:00	8521.8	8290.4	400.01	26	8.9997
18/01/90 15:00	8130.3	7912.8	381.01	26	8.0001
18/01/90 16:00	2809.1	2733.3	136	26	8.0001
18/01/90 17:00	827.64	783.78	43.001	26	6.9999
18/01/90 18:00	0	-21.619	2	26	6.9999
18/01/90 19:00	0	-21.619	0	26	6.9999
18/01/90 20:00	0	-21.619	0	26	8.0001
18/01/90 21:00	0	-21.619	0	26	8.0001
18/01/90 22:00	0	-21.619	0	26	8.0001
18/01/90 23:00	0	-21.619	0	26	8.9997
19/01/90 00:00	0	-21.619	0	26	8.9997
19/01/90 01:00	0	-21.619	0	26	8.9997
19/01/90 02:00	0	-21.619	0	26	10
19/01/90 03:00	0	-21.619	0	26	10
19/01/90 04:00	0	-21.619	0	26	10
19/01/90 05:00	0	-21.619	0	25	11
19/01/90 06:00	0	-21.619	0	25	11
19/01/90 07:00	438.52	399.96	23	25	11
19/01/90 08:00	4284.6	4180.3	209	25	12
19/01/90 09:00	4727.3	4612.5	224	25	12
19/01/90 10:00	6548.5	6383.4	309	25	11
19/01/90 11:00	7078.4	6896.6	335.01	25	11
19/01/90 12:00	14419	13903	670.99	25	11
19/01/90 13:00	15402	14824	717	26	11
19/01/90 14:00	13630	13160	631.99	26	11
19/01/90 15:00	10538	10223	490.01	26	11
19/01/90 16:00	5811.8	5668	283	26	11
19/01/90 17:00	1518.3	1463.4	90.001	26	10
19/01/90 18:00	0	-21.619	2	26	11
19/01/90 19:00	0	-21.619	0	26	11
19/01/90 20:00	0	-21.619	0	26	11
19/01/90 21:00	0	-21.619	0	27	12
19/01/90 22:00	0	-21.619	0	26	12
19/01/90 23:00	0	-21.619	0	26	12
20/01/90 00:00	0	-21.619	0	26	12
20/01/90 01:00	0	-21.619	0	26	12
20/01/90 02:00	0	-21.619	0	26	12
20/01/90 03:00	0	-21.619	0	25	12
20/01/90 04:00	0	-21.619	0	25	12
20/01/90 05:00	0	-21.619	0	26	10
20/01/90 06:00	0	-21.619	0	26	10

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
20/01/90 07:00	564.59	524.41	30	26	10
20/01/90 08:00	3869.9	3774.7	189	26	10
20/01/90 09:00	6502.8	6339	306	26	11
20/01/90 10:00	7651.9	7451.1	361.01	26	11
20/01/90 11:00	5264.3	5135.9	252	26	11
20/01/90 12:00	8938.9	8692	417.01	26	10
20/01/90 13:00	9366.7	9103.4	440.01	26	10
20/01/90 14:00	6054.8	5904.5	288	26	10
20/01/90 15:00	4228.7	4125.9	202	26	10
20/01/90 16:00	2316.5	2248.3	112	25	10
20/01/90 17:00	880.08	835.34	46.001	25	11
20/01/90 18:00	0	-21.619	2	26	11
20/01/90 19:00	0	-21.619	0	26	11
20/01/90 20:00	0	-21.619	0	26	12
20/01/90 21:00	0	-21.619	0	26	12
20/01/90 22:00	0	-21.619	0	26	12
20/01/90 23:00	0	-21.619	0	25	12
21/01/90 00:00	0	-21.619	0	25	12
21/01/90 01:00	0	-21.619	0	25	12
21/01/90 02:00	0	-21.619	0	25	11
21/01/90 03:00	0	-21.619	0	25	11
21/01/90 04:00	0	-21.619	0	25	11
21/01/90 05:00	0	-21.619	0	25	10
21/01/90 06:00	0	-21.619	1	25	10
21/01/90 07:00	1026.1	979.13	61.001	25	10
21/01/90 08:00	4516.7	4406.9	222	25	10
21/01/90 09:00	8559.2	8326.2	401.01	26	10
21/01/90 10:00	8868	8623.8	414.01	26	8.9997
21/01/90 11:00	14103	13606	658.99	26	8.9997
21/01/90 12:00	12058	11671	564.99	26	8.9997
21/01/90 13:00	13089	12648	610.99	26	8.9997
21/01/90 14:00	13715	13240	638.99	26	8.0001
21/01/90 15:00	9446.3	9178.9	441.01	26	8.0001
21/01/90 16:00	4768.2	4652.3	230	26	8.9997
21/01/90 17:00	1317.6	1265.9	72.001	25	8.9997
21/01/90 18:00	0	-21.619	3	25	8.9997
21/01/90 19:00	0	-21.619	0	25	8.9997
21/01/90 20:00	0	-21.619	0	25	8.9997
21/01/90 21:00	0	-21.619	0	26	8.0001
21/01/90 22:00	0	-21.619	0	26	8.0001
21/01/90 23:00	0	-21.619	0	26	8.0001
22/01/90 00:00	0	-21.619	0	26	6.9999
22/01/90 01:00	0	-21.619	0	26	6.9999
22/01/90 02:00	0	-21.619	0	26	6.9999
22/01/90 03:00	0	-21.619	0	26	6.0002
22/01/90 04:00	0	-21.619	0	26	6.9999
22/01/90 05:00	0	-21.619	0	26	6.0002
22/01/90 06:00	0	-21.619	1	26	6.0002
22/01/90 07:00	859.55	815.22	46.001	26	6.9999
22/01/90 08:00	3799.8	3706	186	26	6.9999
22/01/90 09:00	10219	9918.6	479.01	26	6.0002
22/01/90 10:00	14062	13567	656.99	26	6.0002
22/01/90 11:00	15787	15186	741	26	6.0002
22/01/90 12:00	17140	16446	812	26	5
22/01/90 13:00	16367	15727	776	27	3.9998
22/01/90 14:00	14634	14104	686.99	26	3.9998
22/01/90 15:00	11283	10933	528.99	26	3.9998
22/01/90 16:00	6615	6447.2	325	26	3.9998
22/01/90 17:00	1720	1661.9	109	26	3.9998
22/01/90 18:00	0	-21.619	3	26	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
22/01/90 19:00	0	-21.619	0	26	3.9998
22/01/90 20:00	0	-21.619	0	26	5
22/01/90 21:00	0	-21.619	0	26	5
22/01/90 22:00	0	-21.619	0	26	5
22/01/90 23:00	0	-21.619	0	26	6.0002
23/01/90 00:00	0	-21.619	0	26	6.0002
23/01/90 01:00	0	-21.619	0	26	6.0002
23/01/90 02:00	0	-21.619	0	26	6.0002
23/01/90 03:00	0	-21.619	0	26	6.0002
23/01/90 04:00	0	-21.619	0	26	6.0002
23/01/90 05:00	0	-21.619	0	26	5
23/01/90 06:00	0	-21.619	1	26	5
23/01/90 07:00	1082.2	1034.5	68.001	26	5
23/01/90 08:00	5315.3	5185.2	264	26	5
23/01/90 09:00	5023.2	4901	238	26	6.0002
23/01/90 10:00	12495	12085	583.99	26	6.0002
23/01/90 11:00	16242	15610	763	26	6.0002
23/01/90 12:00	17339	16631	820	26	6.0002
23/01/90 13:00	16748	16082	791	26	5
23/01/90 14:00	14766	14228	691.99	26	5
23/01/90 15:00	11366	11012	531.99	26	5
23/01/90 16:00	6719.8	6548.9	328	26	5
23/01/90 17:00	1690.8	1633	99.002	26	5
23/01/90 18:00	0	-21.619	2	26	6.0002
23/01/90 19:00	0	-21.619	0	26	6.0002
23/01/90 20:00	0	-21.619	0	26	6.0002
23/01/90 21:00	0	-21.619	0	26	6.0002
23/01/90 22:00	0	-21.619	0	26	6.0002
23/01/90 23:00	0	-21.619	0	26	6.0002
24/01/90 00:00	0	-21.619	0	26	5
24/01/90 01:00	0	-21.619	0	26	5
24/01/90 02:00	0	-21.619	0	26	5
24/01/90 03:00	0	-21.619	0	26	5
24/01/90 04:00	0	-21.619	0	26	6.9999
24/01/90 05:00	0	-21.619	0	26	6.9999
24/01/90 06:00	0	-21.619	1	26	6.9999
24/01/90 07:00	1025.4	978.51	61.001	26	6.9999
24/01/90 08:00	5244.7	5116.4	261	26	6.9999
24/01/90 09:00	10150	9852.7	475.01	26	6.9999
24/01/90 10:00	13593	13125	632.99	26	6.9999
24/01/90 11:00	16351	15711	767	26	6.9999
24/01/90 12:00	17219	16519	810	26	8.0001
24/01/90 13:00	16346	15706	766	26	8.0001
24/01/90 14:00	14724	14188	685.99	26	8.0001
24/01/90 15:00	11262	10913	523.99	26	8.9997
24/01/90 16:00	6405.5	6244.4	310	26	8.9997
24/01/90 17:00	1510	1455.2	84.001	26	8.0001
24/01/90 18:00	0	-21.619	1	26	8.0001
24/01/90 19:00	0	-21.619	0	26	8.0001
24/01/90 20:00	0	-21.619	0	26	8.0001
24/01/90 21:00	0	-21.619	0	26	8.0001
24/01/90 22:00	0	-21.619	0	26	8.0001
24/01/90 23:00	0	-21.619	0	26	6.9999
25/01/90 00:00	0	-21.619	0	26	6.9999
25/01/90 01:00	0	-21.619	0	26	6.9999
25/01/90 02:00	0	-21.619	0	26	8.0001
25/01/90 03:00	0	-21.619	0	26	8.0001
25/01/90 04:00	0	-21.619	0	26	8.0001
25/01/90 05:00	0	-21.619	0	26	8.0001
25/01/90 06:00	0	-21.619	1	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
25/01/90 07:00	979.37	933.23	57.001	26	8.0001
25/01/90 08:00	5212.2	5084.8	259	26	8.0001
25/01/90 09:00	9659.4	9383	452.01	26	8.0001
25/01/90 10:00	10845	10517	507.01	26	8.0001
25/01/90 11:00	13981	13492	655.99	27	8.0001
25/01/90 12:00	14791	14252	695.99	27	6.9999
25/01/90 13:00	11631	11266	547.99	27	6.9999
25/01/90 14:00	11138	10796	522.99	27	6.9999
25/01/90 15:00	8773.2	8532.4	412.01	27	6.9999
25/01/90 16:00	4986.7	4865.3	242	27	6.9999
25/01/90 17:00	1600.2	1544	93.001	27	6.0002
25/01/90 18:00	0	-21.619	3	27	6.0002
25/01/90 19:00	0	-21.619	0	27	6.0002
25/01/90 20:00	0	-21.619	0	27	6.9999
25/01/90 21:00	0	-21.619	0	26	6.9999
25/01/90 22:00	0	-21.619	0	26	6.9999
25/01/90 23:00	0	-21.619	0	26	6.9999
26/01/90 00:00	0	-21.619	0	26	6.9999
26/01/90 01:00	0	-21.619	0	26	6.9999
26/01/90 02:00	0	-21.619	0	26	6.9999
26/01/90 03:00	0	-21.619	0	26	6.0002
26/01/90 04:00	0	-21.619	0	26	6.0002
26/01/90 05:00	0	-21.619	0	26	5
26/01/90 06:00	0	-21.619	1	26	5
26/01/90 07:00	1009.7	963.05	63.001	26	5
26/01/90 08:00	5074.2	4950.5	252	26	5
26/01/90 09:00	10272	9969	481.01	26	6.0002
26/01/90 10:00	9504.2	9234.9	444.01	26	6.0002
26/01/90 11:00	12145	11754	569.99	26	6.0002
26/01/90 12:00	14255	13749	669.99	26	6.0002
26/01/90 13:00	9429.4	9163.4	443.01	27	6.0002
26/01/90 14:00	14681	14149	689.99	27	5
26/01/90 15:00	11391	11036	533.99	27	5
26/01/90 16:00	6694.6	6524.5	327	27	6.0002
26/01/90 17:00	1894.6	1833.9	115	27	6.9999
26/01/90 18:00	0	-21.619	4.0001	27	6.9999
26/01/90 19:00	0	-21.619	0	27	6.9999
26/01/90 20:00	0	-21.619	0	27	6.9999
26/01/90 21:00	0	-21.619	0	26	6.9999
26/01/90 22:00	0	-21.619	0	26	6.9999
26/01/90 23:00	0	-21.619	0	26	6.9999
27/01/90 00:00	0	-21.619	0	26	6.9999
27/01/90 01:00	0	-21.619	0	26	6.9999
27/01/90 02:00	0	-21.619	0	26	6.9999
27/01/90 03:00	0	-21.619	0	26	6.9999
27/01/90 04:00	0	-21.619	0	26	6.9999
27/01/90 05:00	0	-21.619	0	26	6.0002
27/01/90 06:00	0	-21.619	1	26	6.0002
27/01/90 07:00	1089.5	1041.6	68.001	26	6.9999
27/01/90 08:00	5626.2	5487.3	282	26	6.9999
27/01/90 09:00	10318	10014	484.01	27	6.9999
27/01/90 10:00	10556	10241	495.01	27	6.9999
27/01/90 11:00	13523	13059	634.99	27	6.9999
27/01/90 12:00	12940	12508	609.99	27	6.9999
27/01/90 13:00	15007	14455	706	27	6.9999
27/01/90 14:00	14336	13825	670.99	27	6.9999
27/01/90 15:00	11617	11252	543.99	27	6.0002
27/01/90 16:00	6964	6785.3	340.01	27	6.0002
27/01/90 17:00	1956	1894.4	119	27	6.0002
27/01/90 18:00	0	-21.619	4.0001	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
27/01/90 19:00	0	-21.619	0	27	6.0002
27/01/90 20:00	0	-21.619	0	27	6.0002
27/01/90 21:00	0	-21.619	0	26	6.0002
27/01/90 22:00	0	-21.619	0	27	6.0002
27/01/90 23:00	0	-21.619	0	26	6.0002
28/01/90 00:00	0	-21.619	0	26	6.0002
28/01/90 01:00	0	-21.619	0	26	6.0002
28/01/90 02:00	0	-21.619	0	26	6.0002
28/01/90 03:00	0	-21.619	0	26	6.0002
28/01/90 04:00	0	-21.619	0	26	6.0002
28/01/90 05:00	0	-21.619	0	26	6.0002
28/01/90 06:00	0	-21.619	1	26	6.0002
28/01/90 07:00	1109.2	1061	67.001	26	6.9999
28/01/90 08:00	5597	5459	280	26	8.0001
28/01/90 09:00	10534	10220	493.01	26	6.9999
28/01/90 10:00	14375	13861	670.99	26	6.9999
28/01/90 11:00	16747	16080	788	26	6.9999
28/01/90 12:00	17624	16896	835	26	6.0002
28/01/90 13:00	17104	16413	808	26	6.0002
28/01/90 14:00	15138	14577	709	26	6.0002
28/01/90 15:00	11753	11381	548.99	26	6.0002
28/01/90 16:00	7069.6	6887.6	343.01	26	6.9999
28/01/90 17:00	1916.9	1855.6	113	26	6.9999
28/01/90 18:00	0	-21.619	3	26	8.0001
28/01/90 19:00	0	-21.619	0	26	8.0001
28/01/90 20:00	0	-21.619	0	26	6.9999
28/01/90 21:00	0	-21.619	0	26	6.9999
28/01/90 22:00	0	-21.619	0	26	6.9999
28/01/90 23:00	0	-21.619	0	26	6.9999
29/01/90 00:00	0	-21.619	0	26	6.9999
29/01/90 01:00	0	-21.619	0	26	6.9999
29/01/90 02:00	0	-21.619	0	26	8.0001
29/01/90 03:00	0	-21.619	0	25	8.9997
29/01/90 04:00	0	-21.619	0	24	10
29/01/90 05:00	0	-21.619	0	24	10
29/01/90 06:00	0	-21.619	0	24	11
29/01/90 07:00	419.94	381.57	22	24	12
29/01/90 08:00	2536.2	2464.3	122	24	12
29/01/90 09:00	7871	7662.7	367.01	24	12
29/01/90 10:00	12249	11852	565.99	24	11
29/01/90 11:00	7144.4	6960.5	338.01	25	11
29/01/90 12:00	6865.5	6690.5	326	25	11
29/01/90 13:00	12691	12272	592.99	25	10
29/01/90 14:00	11234	10887	518.99	24	10
29/01/90 15:00	11313	10962	523.99	24	10
29/01/90 16:00	5904	5757.9	282	24	10
29/01/90 17:00	1696.2	1637.8	92.001	24	8.9997
29/01/90 18:00	0	-21.619	3	25	8.9997
29/01/90 19:00	0	-21.619	0	25	8.9997
29/01/90 20:00	0	-21.619	0	25	10
29/01/90 21:00	0	-21.619	0	25	10
29/01/90 22:00	0	-21.619	0	25	10
29/01/90 23:00	0	-21.619	0	25	10
30/01/90 00:00	0	-21.619	0	25	10
30/01/90 01:00	0	-21.619	0	25	10
30/01/90 02:00	0	-21.619	0	25	10
30/01/90 03:00	0	-21.619	0	24	10
30/01/90 04:00	0	-21.619	0	24	10
30/01/90 05:00	0	-21.619	0	24	8.9997
30/01/90 06:00	0	-21.619	1	24	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
30/01/90 07:00	997.69	951.05	56.001	24	8.9997
30/01/90 08:00	5460.7	5326.7	268	24	10
30/01/90 09:00	10152	9854.4	472.01	25	10
30/01/90 10:00	10862	10533	505.01	25	10
30/01/90 11:00	14868	14325	692.99	25	10
30/01/90 12:00	17667	16934	829	25	10
30/01/90 13:00	15976	15361	744	25	10
30/01/90 14:00	14601	14073	677.99	25	8.9997
30/01/90 15:00	10963	10629	508.01	25	8.9997
30/01/90 16:00	6813.4	6639.6	328	25	8.9997
30/01/90 17:00	2068.1	2004.3	121	26	8.0001
30/01/90 18:00	0	-21.619	4.0001	26	8.9997
30/01/90 19:00	0	-21.619	0	26	8.9997
30/01/90 20:00	0	-21.619	0	26	8.9997
30/01/90 21:00	0	-21.619	0	26	8.9997
30/01/90 22:00	0	-21.619	0	26	8.9997
30/01/90 23:00	0	-21.619	0	26	8.9997
31/01/90 00:00	0	-21.619	0	26	8.9997
31/01/90 01:00	0	-21.619	0	26	8.9997
31/01/90 02:00	0	-21.619	0	26	8.9997
31/01/90 03:00	0	-21.619	0	26	8.9997
31/01/90 04:00	0	-21.619	0	26	8.0001
31/01/90 05:00	0	-21.619	0	25	8.0001
31/01/90 06:00	0	-21.619	1	25	8.9997
31/01/90 07:00	988.73	942.23	57.001	24	8.9997
31/01/90 08:00	4465.8	4357.3	218	25	8.9997
31/01/90 09:00	6932.5	6755.2	324	25	8.9997
31/01/90 10:00	6276.9	6120	295	25	8.9997
31/01/90 11:00	12096	11708	564.99	25	8.9997
31/01/90 12:00	13329	12876	619.99	25	8.0001
31/01/90 13:00	16607	15949	775	25	8.9997
31/01/90 14:00	15075	14518	699.99	25	8.9997
31/01/90 15:00	9423.8	9157.4	437.01	25	8.0001
31/01/90 16:00	7103.8	6920.8	342.01	26	8.0001
31/01/90 17:00	2163	2097.7	127	26	6.9999
31/01/90 18:00	0	-21.619	4.0001	26	6.9999
31/01/90 19:00	0	-21.619	0	26	6.9999
31/01/90 20:00	0	-21.619	0	26	6.0002
31/01/90 21:00	0	-21.619	0	26	6.0002
31/01/90 22:00	0	-21.619	0	26	6.0002
31/01/90 23:00	0	-21.619	0	26	5
1/2/1990 0:00	0	-21.619	0	25	6.9999
1/2/1990 1:00	0	-21.619	0	25	6.0002
1/2/1990 2:00	0	-21.619	0	25	6.9999
1/2/1990 3:00	0	-21.619	0	25	6.9999
1/2/1990 4:00	0	-21.619	0	26	6.9999
1/2/1990 5:00	0	-21.619	0	26	6.0002
1/2/1990 6:00	0	-21.619	0	26	6.0002
1/2/1990 7:00	1004.4	957.86	61.001	26	6.9999
1/2/1990 8:00	5473.2	5338.9	273	26	6.9999
1/2/1990 9:00	8709.4	8471	413.01	26	6.9999
1/2/1990 10:00	12493	12084	589.99	27	8.0001
1/2/1990 11:00	15602	15013	741	27	8.0001
1/2/1990 12:00	14476	13956	686.99	27	8.9997
1/2/1990 13:00	13340	12886	631.99	27	8.9997
1/2/1990 14:00	10502	10189	500.01	27	8.9997
1/2/1990 15:00	8248.4	8026.8	391.01	27	8.9997
1/2/1990 16:00	4334.9	4229.6	211	27	8.9997
1/2/1990 17:00	1316.7	1265.3	70.001	27	8.9997
1/2/1990 18:00	0	-21.619	3	27	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/2/1990 19:00	0	-21.619	0	27	8.9997
1/2/1990 20:00	0	-21.619	0	27	8.0001
1/2/1990 21:00	0	-21.619	0	27	6.9999
1/2/1990 22:00	0	-21.619	0	27	8.0001
1/2/1990 23:00	0	-21.619	0	27	8.0001
2/2/1990 0:00	0	-21.619	0	27	8.0001
2/2/1990 1:00	0	-21.619	0	27	8.0001
2/2/1990 2:00	0	-21.619	0	26	8.0001
2/2/1990 3:00	0	-21.619	0	26	8.0001
2/2/1990 4:00	0	-21.619	0	26	8.0001
2/2/1990 5:00	0	-21.619	0	26	8.0001
2/2/1990 6:00	0	-21.619	1	26	8.0001
2/2/1990 7:00	1076.4	1028.7	67.001	26	8.0001
2/2/1990 8:00	5614.7	5476.3	283	27	8.0001
2/2/1990 9:00	10633	10315	503.01	27	8.9997
2/2/1990 10:00	14424	13907	680.99	27	8.9997
2/2/1990 11:00	16812	16140	800	27	8.9997
2/2/1990 12:00	17560	16836	841	27	8.0001
2/2/1990 13:00	15643	15051	743	27	8.0001
2/2/1990 14:00	14359	13846	677.99	27	8.9997
2/2/1990 15:00	9998.5	9708.1	472.01	27	8.0001
2/2/1990 16:00	6735.3	6564.1	328	27	8.9997
2/2/1990 17:00	2033.9	1970.7	116	27	8.9997
2/2/1990 18:00	0	-21.619	3	27	8.0001
2/2/1990 19:00	0	-21.619	0	27	8.0001
2/2/1990 20:00	0	-21.619	0	27	8.0001
2/2/1990 21:00	0	-21.619	0	27	8.0001
2/2/1990 22:00	0	-21.619	0	27	8.0001
2/2/1990 23:00	0	-21.619	0	27	8.0001
3/2/1990 0:00	0	-21.619	0	27	8.0001
3/2/1990 1:00	0	-21.619	0	27	8.0001
3/2/1990 2:00	0	-21.619	0	26	8.0001
3/2/1990 3:00	0	-21.619	0	26	8.0001
3/2/1990 4:00	0	-21.619	0	27	6.9999
3/2/1990 5:00	0	-21.619	0	26	6.0002
3/2/1990 6:00	0	-21.619	1	26	6.9999
3/2/1990 7:00	1209.8	1160	71.001	26	6.9999
3/2/1990 8:00	4622.9	4510.6	228	26	8.0001
3/2/1990 9:00	7061.8	6880.5	336.01	26	8.0001
3/2/1990 10:00	9961.1	9673	471.01	26	8.0001
3/2/1990 11:00	15268	14700	726	27	8.0001
3/2/1990 12:00	16148	15522	768	27	8.0001
3/2/1990 13:00	16837	16165	804	27	6.9999
3/2/1990 14:00	15296	14726	724	26	6.9999
3/2/1990 15:00	11796	11422	555.99	26	6.0002
3/2/1990 16:00	7058.2	6876.7	345.01	27	5
3/2/1990 17:00	2158.4	2093.3	125	27	3.9998
3/2/1990 18:00	0	-21.619	4.0001	27	5
3/2/1990 19:00	0	-21.619	0	26	5
3/2/1990 20:00	0	-21.619	0	26	6.0002
3/2/1990 21:00	0	-21.619	0	26	6.9999
3/2/1990 22:00	0	-21.619	0	26	6.9999
3/2/1990 23:00	0	-21.619	0	26	6.9999
4/2/1990 0:00	0	-21.619	0	26	6.9999
4/2/1990 1:00	0	-21.619	0	26	6.9999
4/2/1990 2:00	0	-21.619	0	26	6.9999
4/2/1990 3:00	0	-21.619	0	26	6.0002
4/2/1990 4:00	0	-21.619	0	26	6.9999
4/2/1990 5:00	0	-21.619	0	26	6.0002
4/2/1990 6:00	0	-21.619	0	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
4/2/1990 7:00	270.44	233.99	15	26	6.9999
4/2/1990 8:00	1228.6	1178.5	62.001	26	6.9999
4/2/1990 9:00	1724.7	1666.3	87.001	26	6.9999
4/2/1990 10:00	2267.7	2200.5	114	26	6.9999
4/2/1990 11:00	2745.1	2670.6	138	27	6.0002
4/2/1990 12:00	3771.1	3678.3	187	26	6.0002
4/2/1990 13:00	4866.6	4748.4	237	26	5
4/2/1990 14:00	11468	11110	544.99	26	5
4/2/1990 15:00	10232	9931.3	483.01	26	5
4/2/1990 16:00	7381.7	7189.6	359.01	26	5
4/2/1990 17:00	2254	2187.1	131	26	5
4/2/1990 18:00	0	-21.619	4.0001	26	5
4/2/1990 19:00	0	-21.619	0	26	5
4/2/1990 20:00	0	-21.619	0	26	3.9998
4/2/1990 21:00	0	-21.619	0	26	3.9998
4/2/1990 22:00	0	-21.619	0	26	3.9998
4/2/1990 23:00	0	-21.619	0	26	3.9998
5/2/1990 0:00	0	-21.619	0	26	3.9998
5/2/1990 1:00	0	-21.619	0	26	3.9998
5/2/1990 2:00	0	-21.619	0	26	3.9998
5/2/1990 3:00	0	-21.619	0	26	3.9998
5/2/1990 4:00	0	-21.619	0	25	5
5/2/1990 5:00	0	-21.619	0	26	5
5/2/1990 6:00	0	-21.619	0	26	5
5/2/1990 7:00	901.75	856.79	54.001	26	5
5/2/1990 8:00	4669.8	4556.4	231	26	5
5/2/1990 9:00	10085	9790.3	477.01	26	5
5/2/1990 10:00	14495	13974	685.99	26	5
5/2/1990 11:00	16841	16168	805	26	5
5/2/1990 12:00	17848	17104	858	26	5
5/2/1990 13:00	17355	16647	832	26	5
5/2/1990 14:00	15378	14804	732	26	3.9998
5/2/1990 15:00	12054	11667	570.99	26	3.0001
5/2/1990 16:00	7417.9	7224.5	362.01	26	3.0001
5/2/1990 17:00	2291.5	2224	133	26	3.0001
5/2/1990 18:00	0	-21.619	4.0001	26	3.0001
5/2/1990 19:00	0	-21.619	0	26	3.0001
5/2/1990 20:00	0	-21.619	0	26	3.9998
5/2/1990 21:00	0	-21.619	0	26	3.9998
5/2/1990 22:00	0	-21.619	0	26	3.9998
5/2/1990 23:00	0	-21.619	0	26	5
6/2/1990 0:00	0	-21.619	0	26	6.0002
6/2/1990 1:00	0	-21.619	0	26	8.0001
6/2/1990 2:00	0	-21.619	0	25	8.9997
6/2/1990 3:00	0	-21.619	0	25	8.9997
6/2/1990 4:00	0	-21.619	0	26	8.9997
6/2/1990 5:00	0	-21.619	0	26	8.9997
6/2/1990 6:00	0	-21.619	0	26	8.9997
6/2/1990 7:00	461.43	422.62	25	26	8.9997
6/2/1990 8:00	4904.9	4785.6	241	26	8.9997
6/2/1990 9:00	5224.9	5097.5	251	26	8.9997
6/2/1990 10:00	8179.4	7960.4	391.01	26	8.9997
6/2/1990 11:00	15140	14580	716	26	10
6/2/1990 12:00	16683	16020	790	26	10
6/2/1990 13:00	16721	16055	791	26	10
6/2/1990 14:00	14441	13923	678.99	26	10
6/2/1990 15:00	11168	10825	523.99	26	8.9997
6/2/1990 16:00	6500.2	6336.4	314	26	8.9997
6/2/1990 17:00	2030.4	1967	111	26	8.9997
6/2/1990 18:00	0	-21.619	5.0001	26	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/2/1990 19:00	0	-21.619	0	26	8.9997
6/2/1990 20:00	0	-21.619	0	26	8.9997
6/2/1990 21:00	0	-21.619	0	26	10
6/2/1990 22:00	0	-21.619	0	26	10
6/2/1990 23:00	0	-21.619	0	26	10
7/2/1990 0:00	0	-21.619	0	26	10
7/2/1990 1:00	0	-21.619	0	26	10
7/2/1990 2:00	0	-21.619	0	26	10
7/2/1990 3:00	0	-21.619	0	26	8.9997
7/2/1990 4:00	0	-21.619	0	26	8.9997
7/2/1990 5:00	0	-21.619	0	26	8.0001
7/2/1990 6:00	0	-21.619	1	26	8.0001
7/2/1990 7:00	1034.8	987.84	59.001	26	8.0001
7/2/1990 8:00	5231.3	5103.7	258	26	8.0001
7/2/1990 9:00	10775	10450	508.01	26	8.0001
7/2/1990 10:00	14417	13901	678.99	26	8.0001
7/2/1990 11:00	16467	15819	781	26	8.0001
7/2/1990 12:00	17735	16998	849	26	6.9999
7/2/1990 13:00	17575	16850	840	26	6.9999
7/2/1990 14:00	15554	14968	737	26	6.9999
7/2/1990 15:00	11781	11408	553.99	26	6.9999
7/2/1990 16:00	7312.9	7123.2	354.01	26	6.9999
7/2/1990 17:00	2328.5	2260.3	133	26	6.9999
7/2/1990 18:00	0	-21.619	5.0001	26	6.9999
7/2/1990 19:00	0	-21.619	0	26	6.9999
7/2/1990 20:00	0	-21.619	0	26	6.9999
7/2/1990 21:00	0	-21.619	0	26	6.9999
7/2/1990 22:00	0	-21.619	0	26	6.9999
7/2/1990 23:00	0	-21.619	0	26	6.9999
8/2/1990 0:00	0	-21.619	0	26	6.9999
8/2/1990 1:00	0	-21.619	0	26	6.9999
8/2/1990 2:00	0	-21.619	0	26	6.0002
8/2/1990 3:00	0	-21.619	0	26	6.0002
8/2/1990 4:00	0	-21.619	0	26	6.0002
8/2/1990 5:00	0	-21.619	0	26	5
8/2/1990 6:00	0	-21.619	0	26	5
8/2/1990 7:00	1090	1042.2	68.001	26	3.9998
8/2/1990 8:00	5752.5	5610.5	286	26	3.9998
8/2/1990 9:00	8786.5	8545.2	416.01	26	3.9998
8/2/1990 10:00	10942	10609	515.99	26	3.9998
8/2/1990 11:00	17142	16449	822	26	3.9998
8/2/1990 12:00	18070	17311	872	26	3.9998
8/2/1990 13:00	17447	16733	841	26	3.0001
8/2/1990 14:00	15338	14766	731	26	3.0001
8/2/1990 15:00	11659	11291	550.99	26	3.0001
8/2/1990 16:00	7178.8	6993.4	348.01	26	3.0001
8/2/1990 17:00	2031.6	1968.3	112	26	3.0001
8/2/1990 18:00	0	-21.619	5.0001	26	3.0001
8/2/1990 19:00	0	-21.619	0	26	3.9998
8/2/1990 20:00	0	-21.619	0	26	3.9998
8/2/1990 21:00	0	-21.619	0	26	3.9998
8/2/1990 22:00	0	-21.619	0	26	5
8/2/1990 23:00	0	-21.619	0	26	5
9/2/1990 0:00	0	-21.619	0	26	5
9/2/1990 1:00	0	-21.619	0	26	5
9/2/1990 2:00	0	-21.619	0	26	6.0002
9/2/1990 3:00	0	-21.619	0	25	6.0002
9/2/1990 4:00	0	-21.619	0	25	6.0002
9/2/1990 5:00	0	-21.619	0	25	3.9998
9/2/1990 6:00	0	-21.619	1	25	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
9/2/1990 7:00	1223.6	1173.7	73.001	26	3.0001
9/2/1990 8:00	6033.5	5883.3	302	26	3.0001
9/2/1990 9:00	11083	10744	525.99	26	3.0001
9/2/1990 10:00	14815	14276	705	26	3.0001
9/2/1990 11:00	17211	16513	826	26	3.9998
9/2/1990 12:00	18148	17382	876	26	3.9998
9/2/1990 13:00	17630	16902	849	26	3.9998
9/2/1990 14:00	12657	12240	601.99	26	3.0001
9/2/1990 15:00	3206.6	3124.1	158	26	3.0001
9/2/1990 16:00	5140.7	5015.4	249	26	3.0001
9/2/1990 17:00	2420.7	2350.9	132	25	3.9998
9/2/1990 18:00	0	-21.619	5.0001	25	3.9998
9/2/1990 19:00	0	-21.619	0	25	3.9998
9/2/1990 20:00	0	-21.619	0	25	3.9998
9/2/1990 21:00	0	-21.619	0	25	3.9998
9/2/1990 22:00	0	-21.619	0	25	3.9998
9/2/1990 23:00	0	-21.619	0	25	3.0001
10/2/1990 0:00	0	-21.619	0	25	3.0001
10/2/1990 1:00	0	-21.619	0	25	3.0001
10/2/1990 2:00	0	-21.619	0	25	3.0001
10/2/1990 3:00	0	-21.619	0	25	3.0001
10/2/1990 4:00	0	-21.619	0	25	3.9998
10/2/1990 5:00	0	-21.619	0	25	3.0001
10/2/1990 6:00	0	-21.619	0	26	3.0001
10/2/1990 7:00	1180.5	1131.2	76.001	26	3.9998
10/2/1990 8:00	6191.4	6036.6	310	26	3.9998
10/2/1990 9:00	11182	10837	529.99	26	3.9998
10/2/1990 10:00	14921	14375	709	26	3.9998
10/2/1990 11:00	17282	16578	830	26	3.9998
10/2/1990 12:00	18001	17247	871	26	3.0001
10/2/1990 13:00	17523	16804	845	26	3.0001
10/2/1990 14:00	11753	11382	560.99	26	1.9999
10/2/1990 15:00	11737	11366	555.99	26	1.9999
10/2/1990 16:00	7783.2	7577.6	378.01	26	3.0001
10/2/1990 17:00	2586.7	2514.5	150	26	3.0001
10/2/1990 18:00	104.6	-21.619	7.0001	26	3.9998
10/2/1990 19:00	0	-21.619	0	26	3.9998
10/2/1990 20:00	0	-21.619	0	26	3.9998
10/2/1990 21:00	0	-21.619	0	26	3.9998
10/2/1990 22:00	0	-21.619	0	26	3.9998
10/2/1990 23:00	0	-21.619	0	26	3.9998
11/2/1990 0:00	0	-21.619	0	26	3.9998
11/2/1990 1:00	0	-21.619	0	26	5
11/2/1990 2:00	0	-21.619	0	26	5
11/2/1990 3:00	0	-21.619	0	26	5
11/2/1990 4:00	0	-21.619	0	26	5
11/2/1990 5:00	0	-21.619	0	26	3.9998
11/2/1990 6:00	0	-21.619	1	26	3.9998
11/2/1990 7:00	1243.3	1193	75.001	26	3.9998
11/2/1990 8:00	5669	5529.4	281	26	3.9998
11/2/1990 9:00	8701.5	8463.4	411.01	26	5
11/2/1990 10:00	13821	13341	652.99	26	6.0002
11/2/1990 11:00	15185	14623	722	26	6.0002
11/2/1990 12:00	9820.2	9538.3	469.01	26	6.0002
11/2/1990 13:00	5564.1	5427.7	270	26	6.9999
11/2/1990 14:00	4043.8	3945.2	199	26	6.9999
11/2/1990 15:00	5641.8	5503.3	269	26	6.9999
11/2/1990 16:00	7165.7	6980.9	345.01	26	6.9999
11/2/1990 17:00	1206.3	1156.6	69.001	26	6.0002
11/2/1990 18:00	0	-21.619	6.0001	26	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/2/1990 19:00	0	-21.619	0	25	6.9999
11/2/1990 20:00	0	-21.619	0	25	6.9999
11/2/1990 21:00	0	-21.619	0	25	6.9999
11/2/1990 22:00	0	-21.619	0	25	6.9999
11/2/1990 23:00	0	-21.619	0	25	6.9999
12/2/1990 0:00	0	-21.619	0	25	6.0002
12/2/1990 1:00	0	-21.619	0	26	6.0002
12/2/1990 2:00	0	-21.619	0	26	5
12/2/1990 3:00	0	-21.619	0	26	6.0002
12/2/1990 4:00	0	-21.619	0	25	6.9999
12/2/1990 5:00	0	-21.619	0	25	6.9999
12/2/1990 6:00	0	-21.619	1	25	6.0002
12/2/1990 7:00	1287	1235.9	74.001	25	6.0002
12/2/1990 8:00	5990.1	5841.4	295	25	6.0002
12/2/1990 9:00	10390	10083	490.01	26	6.0002
12/2/1990 10:00	14288	13780	674.99	26	6.0002
12/2/1990 11:00	16501	15851	785	26	6.0002
12/2/1990 12:00	17030	16344	813	26	6.0002
12/2/1990 13:00	16925	16246	807	26	6.0002
12/2/1990 14:00	14751	14216	701	27	6.0002
12/2/1990 15:00	11819	11444	558.99	27	5
12/2/1990 16:00	7320.2	7130.4	354.01	27	5
12/2/1990 17:00	2082.3	2018.1	110	27	3.9998
12/2/1990 18:00	0	-21.619	4.0001	27	5
12/2/1990 19:00	0	-21.619	0	27	5
12/2/1990 20:00	0	-21.619	0	27	6.0002
12/2/1990 21:00	0	-21.619	0	27	6.0002
12/2/1990 22:00	0	-21.619	0	27	6.0002
12/2/1990 23:00	0	-21.619	0	27	6.0002
13/02/90 00:00	0	-21.619	0	26	6.0002
13/02/90 01:00	0	-21.619	0	26	6.0002
13/02/90 02:00	0	-21.619	0	26	6.0002
13/02/90 03:00	0	-21.619	0	26	5
13/02/90 04:00	0	-21.619	0	26	6.0002
13/02/90 05:00	0	-21.619	0	25	5
13/02/90 06:00	0	-21.619	1	26	6.0002
13/02/90 07:00	1221.7	1171.8	71.001	26	5
13/02/90 08:00	6077.7	5926.4	301	26	3.9998
13/02/90 09:00	11062	10723	523.99	26	3.0001
13/02/90 10:00	14723	14189	699.99	26	3.0001
13/02/90 11:00	16888	16213	811	27	3.9998
13/02/90 12:00	18178	17411	879	27	5
13/02/90 13:00	17378	16669	835	27	5
13/02/90 14:00	15433	14855	733	26	5
13/02/90 15:00	12077	11689	568.99	26	5
13/02/90 16:00	7363.6	7172.3	355.01	26	5
13/02/90 17:00	2506.7	2436	140	27	6.0002
13/02/90 18:00	0	-21.619	5.0001	27	6.0002
13/02/90 19:00	0	-21.619	0	26	5
13/02/90 20:00	0	-21.619	0	26	5
13/02/90 21:00	0	-21.619	0	26	5
13/02/90 22:00	0	-21.619	0	26	6.0002
13/02/90 23:00	0	-21.619	0	26	6.0002
14/02/90 00:00	0	-21.619	0	26	6.0002
14/02/90 01:00	0	-21.619	0	26	5
14/02/90 02:00	0	-21.619	0	26	5
14/02/90 03:00	0	-21.619	0	26	5
14/02/90 04:00	0	-21.619	0	26	5
14/02/90 05:00	0	-21.619	0	26	5
14/02/90 06:00	0	-21.619	1	26	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
14/02/90 07:00	1371.8	1319.4	84.001	26	3.9998
14/02/90 08:00	6211.8	6056.5	308	26	3.9998
14/02/90 09:00	11248	10900	531.99	26	3.9998
14/02/90 10:00	14750	14215	699.99	26	3.9998
14/02/90 11:00	17031	16345	817	26	3.9998
14/02/90 12:00	17934	17184	864	26	3.9998
14/02/90 13:00	17785	17046	857	26	3.9998
14/02/90 14:00	15731	15135	751	26	3.0001
14/02/90 15:00	12166	11774	574.99	26	3.0001
14/02/90 16:00	7958.2	7746.6	385.01	26	3.0001
14/02/90 17:00	2654.5	2581.5	150	27	3.0001
14/02/90 18:00	0	-21.619	6.0001	27	3.0001
14/02/90 19:00	0	-21.619	0	27	3.0001
14/02/90 20:00	0	-21.619	0	26	3.0001
14/02/90 21:00	0	-21.619	0	26	3.0001
14/02/90 22:00	0	-21.619	0	26	3.9998
14/02/90 23:00	0	-21.619	0	26	3.9998
15/02/90 00:00	0	-21.619	0	26	3.9998
15/02/90 01:00	0	-21.619	0	26	3.9998
15/02/90 02:00	0	-21.619	0	26	3.9998
15/02/90 03:00	0	-21.619	0	26	3.9998
15/02/90 04:00	0	-21.619	0	26	3.9998
15/02/90 05:00	0	-21.619	0	26	3.0001
15/02/90 06:00	0	-21.619	2	26	3.0001
15/02/90 07:00	1484.8	1430.5	92.001	26	3.0001
15/02/90 08:00	6486.2	6322.7	320	26	3.0001
15/02/90 09:00	8139.4	7921.7	387.01	26	1.9999
15/02/90 10:00	6021.4	5872.1	291	26	1.9999
15/02/90 11:00	7971.3	7759.5	382.01	26	3.9998
15/02/90 12:00	15836	15231	756	25	3.9998
15/02/90 13:00	14144	13645	675.99	26	5
15/02/90 14:00	8022	7808.5	386.01	26	3.9998
15/02/90 15:00	8056.4	7841.7	384.01	26	3.0001
15/02/90 16:00	4438.8	4331	215	26	3.0001
15/02/90 17:00	2037.3	1973.7	106	26	1.9999
15/02/90 18:00	0	-21.619	3	26	3.0001
15/02/90 19:00	0	-21.619	0	26	3.0001
15/02/90 20:00	0	-21.619	0	26	3.0001
15/02/90 21:00	0	-21.619	0	26	3.9998
15/02/90 22:00	0	-21.619	0	26	3.9998
15/02/90 23:00	0	-21.619	0	26	3.9998
16/02/90 00:00	0	-21.619	0	26	3.9998
16/02/90 01:00	0	-21.619	0	26	3.9998
16/02/90 02:00	0	-21.619	0	26	3.9998
16/02/90 03:00	0	-21.619	0	26	3.9998
16/02/90 04:00	0	-21.619	0	26	3.9998
16/02/90 05:00	0	-21.619	0	25	3.9998
16/02/90 06:00	0	-21.619	1	25	3.0001
16/02/90 07:00	1422.7	1369.4	86.001	25	3.0001
16/02/90 08:00	5980.4	5832	294	25	1.9999
16/02/90 09:00	6771.1	6599.1	320	24	1.9999
16/02/90 10:00	14530	14008	692.99	25	1.9999
16/02/90 11:00	12009	11625	568.99	25	1.9999
16/02/90 12:00	11247	10900	534.99	25	1.9999
16/02/90 13:00	10187	9889.4	488.01	25	1.9999
16/02/90 14:00	8372.6	8146.7	397.01	25	1.9999
16/02/90 15:00	6337.3	6178.6	301	26	3.0001
16/02/90 16:00	6457.6	6295.3	311	26	3.0001
16/02/90 17:00	1714.2	1655.9	87.001	26	3.9998
16/02/90 18:00	0	-21.619	3	26	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/02/90 19:00	0	-21.619	0	26	5
16/02/90 20:00	0	-21.619	0	26	6.0002
16/02/90 21:00	0	-21.619	0	26	6.9999
16/02/90 22:00	0	-21.619	0	26	6.9999
16/02/90 23:00	0	-21.619	0	26	8.0001
17/02/90 00:00	0	-21.619	0	25	8.0001
17/02/90 01:00	0	-21.619	0	25	8.0001
17/02/90 02:00	0	-21.619	0	25	8.9997
17/02/90 03:00	0	-21.619	0	25	8.9997
17/02/90 04:00	0	-21.619	0	25	8.9997
17/02/90 05:00	0	-21.619	0	24	8.9997
17/02/90 06:00	0	-21.619	0	24	8.9997
17/02/90 07:00	1308.7	1257.1	76.001	24	8.9997
17/02/90 08:00	5883.6	5738	286	24	10
17/02/90 09:00	10917	10585	511.01	24	8.9997
17/02/90 10:00	7196.2	7010.6	343.01	24	8.9997
17/02/90 11:00	4247.8	4144.5	208	24	8.9997
17/02/90 12:00	10562	10247	493.01	24	8.9997
17/02/90 13:00	16581	15925	783	24	8.0001
17/02/90 14:00	14084	13588	661.99	24	8.0001
17/02/90 15:00	12144	11753	566.99	24	8.0001
17/02/90 16:00	8068.3	7853	385.01	24	8.0001
17/02/90 17:00	2302.1	2233.9	122	24	8.0001
17/02/90 18:00	106.78	-21.619	7.0001	24	8.0001
17/02/90 19:00	0	-21.619	0	24	8.0001
17/02/90 20:00	0	-21.619	0	24	8.0001
17/02/90 21:00	0	-21.619	0	24	6.9999
17/02/90 22:00	0	-21.619	0	24	6.9999
17/02/90 23:00	0	-21.619	0	24	6.9999
18/02/90 00:00	0	-21.619	0	24	6.9999
18/02/90 01:00	0	-21.619	0	24	6.9999
18/02/90 02:00	0	-21.619	0	24	6.9999
18/02/90 03:00	0	-21.619	0	24	8.0001
18/02/90 04:00	0	-21.619	0	24	8.0001
18/02/90 05:00	0	-21.619	0	24	8.0001
18/02/90 06:00	0	-21.619	2	24	8.0001
18/02/90 07:00	515.09	475.46	29	24	8.0001
18/02/90 08:00	3332	3247.1	162	24	8.9997
18/02/90 09:00	11483	11124	537.99	24	8.9997
18/02/90 10:00	15559	14972	730	24	10
18/02/90 11:00	18016	17258	854	24	10
18/02/90 12:00	18836	18016	905	24	10
18/02/90 13:00	18538	17741	879	23	10
18/02/90 14:00	16573	15917	778	23	10
18/02/90 15:00	13107	12665	611.99	24	10
18/02/90 16:00	7166.9	6982.1	342.01	24	10
18/02/90 17:00	1807	1746.6	96.001	24	10
18/02/90 18:00	125.52	90.67	8.0001	25	10
18/02/90 19:00	0	-21.619	0	24	10
18/02/90 20:00	0	-21.619	0	23	11
18/02/90 21:00	0	-21.619	0	23	11
18/02/90 22:00	0	-21.619	0	24	10
18/02/90 23:00	0	-21.619	0	24	10
19/02/90 00:00	0	-21.619	0	24	11
19/02/90 01:00	0	-21.619	0	23	11
19/02/90 02:00	0	-21.619	0	23	11
19/02/90 03:00	0	-21.619	0	22	11
19/02/90 04:00	0	-21.619	0	22	11
19/02/90 05:00	0	-21.619	0	22	10
19/02/90 06:00	0	-21.619	0	22	10

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
19/02/90 07:00	1294.7	1242.9	70.001	21	10
19/02/90 08:00	3385.3	3299.5	164	21	10
19/02/90 09:00	3346.6	3261.5	162	21	8.9997
19/02/90 10:00	8330.2	8105.8	391.01	21	8.9997
19/02/90 11:00	7178.4	6993.3	339.01	21	8.0001
19/02/90 12:00	9554.4	9283.7	451.01	21	8.0001
19/02/90 13:00	9559.7	9288.8	450.01	21	8.0001
19/02/90 14:00	5269.3	5140.8	255	22	8.0001
19/02/90 15:00	5527.8	5392.5	265	22	8.0001
19/02/90 16:00	3728.4	3636.3	179	22	8.0001
19/02/90 17:00	1289.4	1237.8	64.001	22	8.9997
19/02/90 18:00	0	-21.619	3	23	8.9997
19/02/90 19:00	0	-21.619	0	23	8.9997
19/02/90 20:00	0	-21.619	0	23	8.9997
19/02/90 21:00	0	-21.619	0	23	8.9997
19/02/90 22:00	0	-21.619	0	24	8.9997
19/02/90 23:00	0	-21.619	0	24	8.9997
20/02/90 00:00	0	-21.619	0	25	8.9997
20/02/90 01:00	0	-21.619	0	25	8.0001
20/02/90 02:00	0	-21.619	0	25	8.9997
20/02/90 03:00	0	-21.619	0	25	8.9997
20/02/90 04:00	0	-21.619	0	24	8.9997
20/02/90 05:00	0	-21.619	0	24	8.0001
20/02/90 06:00	0	-21.619	1	25	8.0001
20/02/90 07:00	1112.5	1064.2	60.001	25	8.0001
20/02/90 08:00	6221.8	6066.5	303	25	8.0001
20/02/90 09:00	11427	11071	535.99	25	8.0001
20/02/90 10:00	15150	14589	715	25	6.9999
20/02/90 11:00	17259	16556	821	25	6.9999
20/02/90 12:00	13255	12806	629.99	25	6.9999
20/02/90 13:00	16032	15414	763	25	6.0002
20/02/90 14:00	16371	15730	777	25	6.0002
20/02/90 15:00	13043	12605	612.99	25	6.0002
20/02/90 16:00	8321.3	8096.9	399.01	25	6.0002
20/02/90 17:00	2886.6	2809.4	160	26	6.0002
20/02/90 18:00	199.17	163.54	12	26	6.0002
20/02/90 19:00	0	-21.619	0	26	6.0002
20/02/90 20:00	0	-21.619	0	26	6.0002
20/02/90 21:00	0	-21.619	0	26	5
20/02/90 22:00	0	-21.619	0	26	5
20/02/90 23:00	0	-21.619	0	26	5
21/02/90 00:00	0	-21.619	0	26	5
21/02/90 01:00	0	-21.619	0	26	5
21/02/90 02:00	0	-21.619	0	25	3.9998
21/02/90 03:00	0	-21.619	0	25	5
21/02/90 04:00	0	-21.619	0	25	5
21/02/90 05:00	0	-21.619	0	25	6.0002
21/02/90 06:00	0	-21.619	3	25	6.0002
21/02/90 07:00	1687.6	1629.6	102	25	6.0002
21/02/90 08:00	6680.6	6511.2	327	25	6.0002
21/02/90 09:00	11805	11430	554.99	25	6.0002
21/02/90 10:00	15538	14953	738	26	6.0002
21/02/90 11:00	17531	16809	839	26	6.0002
21/02/90 12:00	17614	16887	846	26	5
21/02/90 13:00	17890	17144	863	27	5
21/02/90 14:00	16113	15490	770	27	5
21/02/90 15:00	13052	12614	617.99	27	5
21/02/90 16:00	8309.6	8085.6	401.01	27	3.9998
21/02/90 17:00	3034.2	2954.8	170	27	3.9998
21/02/90 18:00	218.1	182.29	13	27	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/02/90 19:00	0	-21.619	0	27	5
21/02/90 20:00	0	-21.619	0	27	5
21/02/90 21:00	0	-21.619	0	26	5
21/02/90 22:00	0	-21.619	0	26	5
21/02/90 23:00	0	-21.619	0	26	5
22/02/90 00:00	0	-21.619	0	26	5
22/02/90 01:00	0	-21.619	0	25	5
22/02/90 02:00	0	-21.619	0	25	5
22/02/90 03:00	0	-21.619	0	25	5
22/02/90 04:00	0	-21.619	0	25	5
22/02/90 05:00	0	-21.619	0	25	3.9998
22/02/90 06:00	0	-21.619	3	25	5
22/02/90 07:00	1220.8	1170.8	69.001	25	5
22/02/90 08:00	6890.9	6714.9	336.01	25	5
22/02/90 09:00	11398	11043	535.99	25	5
22/02/90 10:00	15705	15109	743	25	6.0002
22/02/90 11:00	17810	17068	851	25	6.0002
22/02/90 12:00	17025	16339	814	26	6.0002
22/02/90 13:00	18095	17333	871	26	5
22/02/90 14:00	16226	15595	774	26	5
22/02/90 15:00	12993	12558	612.99	26	5
22/02/90 16:00	8394.7	8167.7	403.01	26	6.0002
22/02/90 17:00	3087.6	3007.1	171	26	6.0002
22/02/90 18:00	219.79	183.94	13	26	6.0002
22/02/90 19:00	0	-21.619	0	26	6.0002
22/02/90 20:00	0	-21.619	0	26	6.9999
22/02/90 21:00	0	-21.619	0	26	6.0002
22/02/90 22:00	0	-21.619	0	26	6.0002
22/02/90 23:00	0	-21.619	0	26	6.0002
23/02/90 00:00	0	-21.619	0	26	6.0002
23/02/90 01:00	0	-21.619	0	26	6.9999
23/02/90 02:00	0	-21.619	0	25	6.9999
23/02/90 03:00	0	-21.619	0	26	8.0001
23/02/90 04:00	0	-21.619	0	26	8.0001
23/02/90 05:00	0	-21.619	0	25	8.0001
23/02/90 06:00	0	-21.619	2	25	8.0001
23/02/90 07:00	1667.5	1609.9	95.001	25	8.9997
23/02/90 08:00	6430.8	6269.2	312	25	8.9997
23/02/90 09:00	11988	11605	561.99	25	8.0001
23/02/90 10:00	15778	15177	744	25	8.0001
23/02/90 11:00	17814	17071	848	25	8.0001
23/02/90 12:00	18404	17618	880	25	8.0001
23/02/90 13:00	18283	17507	874	25	6.9999
23/02/90 14:00	16457	15809	779	25	6.9999
23/02/90 15:00	13148	12705	616.99	25	6.9999
23/02/90 16:00	8028.4	7814.5	383.01	25	6.9999
23/02/90 17:00	3058.5	2978.4	167	25	6.0002
23/02/90 18:00	146.12	111.05	9.0001	25	6.0002
23/02/90 19:00	0	-21.619	0	25	6.0002
23/02/90 20:00	0	-21.619	0	25	6.0002
23/02/90 21:00	0	-21.619	0	25	6.9999
23/02/90 22:00	0	-21.619	0	25	6.9999
23/02/90 23:00	0	-21.619	0	25	6.9999
24/02/90 00:00	0	-21.619	0	25	6.0002
24/02/90 01:00	0	-21.619	0	25	6.0002
24/02/90 02:00	0	-21.619	0	25	6.0002
24/02/90 03:00	0	-21.619	0	25	6.9999
24/02/90 04:00	0	-21.619	0	25	6.9999
24/02/90 05:00	0	-21.619	0	25	6.9999
24/02/90 06:00	0	-21.619	2	25	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
24/02/90 07:00	1750	1690.9	97.001	25	6.9999
24/02/90 08:00	4930.9	4811	239	25	6.9999
24/02/90 09:00	7821.3	7614.7	368.01	26	6.9999
24/02/90 10:00	13934	13448	660.99	26	6.9999
24/02/90 11:00	17981	17227	861	26	6.9999
24/02/90 12:00	18852	18033	911	26	6.9999
24/02/90 13:00	17762	17024	849	26	6.9999
24/02/90 14:00	16646	15986	792	26	6.9999
24/02/90 15:00	13264	12814	623.99	26	6.9999
24/02/90 16:00	8544	8311.6	409.01	26	6.9999
24/02/90 17:00	3146.1	3064.5	173	26	6.9999
24/02/90 18:00	221.62	185.74	13	26	6.9999
24/02/90 19:00	0	-21.619	0	26	6.9999
24/02/90 20:00	0	-21.619	0	26	8.0001
24/02/90 21:00	0	-21.619	0	26	8.0001
24/02/90 22:00	0	-21.619	0	26	8.0001
24/02/90 23:00	0	-21.619	0	26	8.0001
25/02/90 00:00	0	-21.619	0	26	8.0001
25/02/90 01:00	0	-21.619	0	26	6.9999
25/02/90 02:00	0	-21.619	0	26	6.9999
25/02/90 03:00	0	-21.619	0	26	6.9999
25/02/90 04:00	0	-21.619	0	25	6.9999
25/02/90 05:00	0	-21.619	0	26	6.0002
25/02/90 06:00	0	-21.619	1	26	6.0002
25/02/90 07:00	1756.1	1697.1	98.001	26	6.9999
25/02/90 08:00	5055	4932	246	26	6.9999
25/02/90 09:00	11527	11167	541.99	26	6.9999
25/02/90 10:00	13554	13088	640.99	26	6.9999
25/02/90 11:00	15368	14794	734	27	6.0002
25/02/90 12:00	18721	17913	906	27	6.0002
25/02/90 13:00	17442	16727	837	27	6.0002
25/02/90 14:00	15117	14560	721	27	5
25/02/90 15:00	12938	12506	611.99	27	5
25/02/90 16:00	8415.1	8187.4	404.01	27	5
25/02/90 17:00	2828.2	2752.3	152	27	5
25/02/90 18:00	0	-21.619	5.0001	26	5
25/02/90 19:00	0	-21.619	0	26	5
25/02/90 20:00	0	-21.619	0	26	5
25/02/90 21:00	0	-21.619	0	27	6.0002
25/02/90 22:00	0	-21.619	0	27	6.0002
25/02/90 23:00	0	-21.619	0	26	6.0002
26/02/90 00:00	0	-21.619	0	26	6.0002
26/02/90 01:00	0	-21.619	0	26	6.0002
26/02/90 02:00	0	-21.619	0	26	6.0002
26/02/90 03:00	0	-21.619	0	26	6.9999
26/02/90 04:00	0	-21.619	0	26	6.9999
26/02/90 05:00	0	-21.619	0	26	5
26/02/90 06:00	0	-21.619	3	26	5
26/02/90 07:00	1784	1724.6	103	26	5
26/02/90 08:00	6889.3	6713.5	335.01	26	5
26/02/90 09:00	11984	11601	563.99	26	6.0002
26/02/90 10:00	14786	14249	699.99	26	6.0002
26/02/90 11:00	15565	14979	744	27	6.0002
26/02/90 12:00	13723	13249	656.99	27	6.0002
26/02/90 13:00	14926	14382	713	27	6.0002
26/02/90 14:00	10380	10074	494.01	27	6.0002
26/02/90 15:00	10413	10105	494.01	27	6.0002
26/02/90 16:00	7526.3	7329.6	361.01	27	5
26/02/90 17:00	2522.5	2451.6	132	27	5
26/02/90 18:00	164.62	129.39	10	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/02/90 19:00	0	-21.619	0	27	5
26/02/90 20:00	0	-21.619	0	27	5
26/02/90 21:00	0	-21.619	0	27	6.0002
26/02/90 22:00	0	-21.619	0	26	6.0002
26/02/90 23:00	0	-21.619	0	26	6.0002
27/02/90 00:00	0	-21.619	0	26	6.9999
27/02/90 01:00	0	-21.619	0	26	6.0002
27/02/90 02:00	0	-21.619	0	26	6.0002
27/02/90 03:00	0	-21.619	0	26	6.0002
27/02/90 04:00	0	-21.619	0	26	6.0002
27/02/90 05:00	0	-21.619	0	26	3.9998
27/02/90 06:00	0	-21.619	3	26	3.9998
27/02/90 07:00	1913.2	1851.7	110	26	3.9998
27/02/90 08:00	7042.2	6861.5	342.01	26	5
27/02/90 09:00	12139	11748	571.99	26	5
27/02/90 10:00	15413	14837	736	27	3.9998
27/02/90 11:00	17979	17227	869	27	3.9998
27/02/90 12:00	18403	17620	892	27	3.9998
27/02/90 13:00	17811	17070	858	27	5
27/02/90 14:00	15675	15082	748	27	5
27/02/90 15:00	12709	12289	600.99	27	5
27/02/90 16:00	7837.3	7630.1	376.01	27	5
27/02/90 17:00	2809.3	2733.7	149	27	5
27/02/90 18:00	165.11	129.88	10	27	5
27/02/90 19:00	0	-21.619	0	27	5
27/02/90 20:00	0	-21.619	0	27	5
27/02/90 21:00	0	-21.619	0	27	6.0002
27/02/90 22:00	0	-21.619	0	27	6.0002
27/02/90 23:00	0	-21.619	0	27	6.0002
28/02/90 00:00	0	-21.619	0	26	6.0002
28/02/90 01:00	0	-21.619	0	26	5
28/02/90 02:00	0	-21.619	0	26	6.0002
28/02/90 03:00	0	-21.619	0	26	6.0002
28/02/90 04:00	0	-21.619	0	26	6.0002
28/02/90 05:00	0	-21.619	0	27	5
28/02/90 06:00	0	-21.619	3	27	6.0002
28/02/90 07:00	1993.3	1930.7	117	27	6.0002
28/02/90 08:00	6823.4	6649.6	332.01	27	6.0002
28/02/90 09:00	11297	10947	533.99	27	6.0002
28/02/90 10:00	15388	14813	732	27	6.0002
28/02/90 11:00	16602	15946	794	27	6.0002
28/02/90 12:00	8794.3	8552.9	422.01	27	6.0002
28/02/90 13:00	8458.2	8229.2	406.01	27	6.0002
28/02/90 14:00	15983	15369	764	27	5
28/02/90 15:00	12881	12452	609.99	27	3.9998
28/02/90 16:00	8413.2	8185.6	404.01	27	3.9998
28/02/90 17:00	3233.7	3150.8	176	27	3.9998
28/02/90 18:00	222.11	186.25	13	27	3.9998
28/02/90 19:00	0	-21.619	0	27	5
28/02/90 20:00	0	-21.619	0	27	6.0002
28/02/90 21:00	0	-21.619	0	27	6.0002
28/02/90 22:00	0	-21.619	0	27	6.0002
28/02/90 23:00	0	-21.619	0	27	6.9999
1/3/1990 0:00	0	-21.619	0	26	6.0002
1/3/1990 1:00	0	-21.619	0	26	5
1/3/1990 2:00	0	-21.619	0	26	5
1/3/1990 3:00	0	-21.619	0	26	5
1/3/1990 4:00	0	-21.619	0	26	6.0002
1/3/1990 5:00	0	-21.619	0	26	6.0002
1/3/1990 6:00	0	-21.619	4.0001	25	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/3/1990 7:00	1886	1824.6	105	25	6.9999
1/3/1990 8:00	1744.8	1686	88.001	26	6.9999
1/3/1990 9:00	6612.3	6445.3	320	26	6.0002
1/3/1990 10:00	11896	11517	570.99	26	6.0002
1/3/1990 11:00	10208	9909.7	493.01	26	6.0002
1/3/1990 12:00	16084	15463	777	26	6.0002
1/3/1990 13:00	14657	14128	704	26	5
1/3/1990 14:00	16046	15427	770	26	6.0002
1/3/1990 15:00	12884	12455	612.99	26	6.0002
1/3/1990 16:00	8579.7	8346.1	414.01	26	6.0002
1/3/1990 17:00	3064.6	2984.4	167	26	6.0002
1/3/1990 18:00	294.42	257.69	17	26	6.0002
1/3/1990 19:00	0	-21.619	0	26	6.0002
1/3/1990 20:00	0	-21.619	0	26	6.0002
1/3/1990 21:00	0	-21.619	0	26	5
1/3/1990 22:00	0	-21.619	0	26	5
1/3/1990 23:00	0	-21.619	0	26	5
2/3/1990 0:00	0	-21.619	0	26	5
2/3/1990 1:00	0	-21.619	0	26	5
2/3/1990 2:00	0	-21.619	0	26	5
2/3/1990 3:00	0	-21.619	0	26	5
2/3/1990 4:00	0	-21.619	0	26	5
2/3/1990 5:00	0	-21.619	0	26	6.0002
2/3/1990 6:00	0	-21.619	4.0001	26	6.0002
2/3/1990 7:00	2118.2	2053.3	123	26	5
2/3/1990 8:00	7383.9	7191.9	362.01	26	5
2/3/1990 9:00	12327	11927	586.99	26	5
2/3/1990 10:00	16038	15420	772	26	5
2/3/1990 11:00	18263	17490	892	26	3.9998
2/3/1990 12:00	18434	17649	903	27	3.9998
2/3/1990 13:00	17166	16471	832	26	3.9998
2/3/1990 14:00	16744	16078	809	26	3.9998
2/3/1990 15:00	13341	12887	636.99	26	3.9998
2/3/1990 16:00	8642.9	8407	418.01	26	3.9998
2/3/1990 17:00	3283	3199.1	180	26	3.9998
2/3/1990 18:00	295.22	258.48	17	26	3.0001
2/3/1990 19:00	0	-21.619	0	26	3.0001
2/3/1990 20:00	0	-21.619	0	26	3.0001
2/3/1990 21:00	0	-21.619	0	26	3.0001
2/3/1990 22:00	0	-21.619	0	26	3.0001
2/3/1990 23:00	0	-21.619	0	26	3.0001
3/3/1990 0:00	0	-21.619	0	26	3.0001
3/3/1990 1:00	0	-21.619	0	26	3.0001
3/3/1990 2:00	0	-21.619	0	26	3.0001
3/3/1990 3:00	0	-21.619	0	26	3.0001
3/3/1990 4:00	0	-21.619	0	26	3.9998
3/3/1990 5:00	0	-21.619	0	26	3.9998
3/3/1990 6:00	0	-21.619	3	26	3.9998
3/3/1990 7:00	2152.5	2087.1	124	26	3.9998
3/3/1990 8:00	7512.7	7316.5	368.01	26	3.9998
3/3/1990 9:00	12477	12069	594.99	26	3.9998
3/3/1990 10:00	16149	15524	779	26	3.9998
3/3/1990 11:00	18458	17671	902	26	3.9998
3/3/1990 12:00	18939	18115	931	26	3.9998
3/3/1990 13:00	13526	13063	649.99	26	3.9998
3/3/1990 14:00	12127	11737	583.99	26	3.9998
3/3/1990 15:00	9882	9597.5	473.01	26	3.9998
3/3/1990 16:00	8715	8476.4	421.01	26	3.9998
3/3/1990 17:00	2880	2803	156	26	3.9998
3/3/1990 18:00	311.41	274.48	18	26	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
3/3/1990 19:00	0	-21.619	0	26	3.0001
3/3/1990 20:00	0	-21.619	0	26	3.9998
3/3/1990 21:00	0	-21.619	0	26	3.9998
3/3/1990 22:00	0	-21.619	0	26	3.9998
3/3/1990 23:00	0	-21.619	0	26	3.9998
4/3/1990 0:00	0	-21.619	0	26	3.9998
4/3/1990 1:00	0	-21.619	0	26	5
4/3/1990 2:00	0	-21.619	0	26	3.9998
4/3/1990 3:00	0	-21.619	0	26	3.9998
4/3/1990 4:00	0	-21.619	0	26	3.9998
4/3/1990 5:00	0	-21.619	0	26	3.0001
4/3/1990 6:00	0	-21.619	4.0001	26	3.9998
4/3/1990 7:00	2261.4	2194.4	133	26	5
4/3/1990 8:00	7473.1	7278.3	365.01	26	5
4/3/1990 9:00	8946.4	8699.4	428.01	26	5
4/3/1990 10:00	6373.2	6213.5	311	26	5
4/3/1990 11:00	8882.1	8637.5	430.01	26	5
4/3/1990 12:00	11762	11390	571.99	27	5
4/3/1990 13:00	9069.5	8817.9	439.01	26	3.9998
4/3/1990 14:00	7614.6	7415.1	368.01	26	3.9998
4/3/1990 15:00	9902.3	9617.1	475.01	26	3.9998
4/3/1990 16:00	6718.7	6548.3	325	26	3.9998
4/3/1990 17:00	2444.8	2374.9	131	26	3.9998
4/3/1990 18:00	312.48	275.53	18	26	3.9998
4/3/1990 19:00	0	-21.619	0	26	3.9998
4/3/1990 20:00	0	-21.619	0	26	3.9998
4/3/1990 21:00	0	-21.619	0	26	3.9998
4/3/1990 22:00	0	-21.619	0	26	3.9998
4/3/1990 23:00	0	-21.619	0	26	3.9998
5/3/1990 0:00	0	-21.619	0	26	3.9998
5/3/1990 1:00	0	-21.619	0	26	3.9998
5/3/1990 2:00	0	-21.619	0	26	3.9998
5/3/1990 3:00	0	-21.619	0	26	3.9998
5/3/1990 4:00	0	-21.619	0	26	3.0001
5/3/1990 5:00	0	-21.619	0	26	3.0001
5/3/1990 6:00	0	-21.619	4.0001	26	1.9999
5/3/1990 7:00	2316.5	2248.6	136	26	3.0001
5/3/1990 8:00	7650.3	7449.4	375.01	26	3.0001
5/3/1990 9:00	12026	11641	573.99	26	3.0001
5/3/1990 10:00	15332	14762	739	26	3.0001
5/3/1990 11:00	18351	17572	898	26	3.0001
5/3/1990 12:00	18223	17453	891	26	3.0001
5/3/1990 13:00	18836	18021	926	26	3.0001
5/3/1990 14:00	16902	16226	820	26	3.0001
5/3/1990 15:00	13528	13064	647.99	26	3.0001
5/3/1990 16:00	8896.6	8651.3	430.01	26	3.9998
5/3/1990 17:00	3391.2	3305.4	186	26	3.0001
5/3/1990 18:00	331.53	294.35	19	26	3.9998
5/3/1990 19:00	0	-21.619	0	26	3.9998
5/3/1990 20:00	0	-21.619	0	26	3.9998
5/3/1990 21:00	0	-21.619	0	26	3.9998
5/3/1990 22:00	0	-21.619	0	26	3.9998
5/3/1990 23:00	0	-21.619	0	26	3.9998
6/3/1990 0:00	0	-21.619	0	26	3.9998
6/3/1990 1:00	0	-21.619	0	26	3.9998
6/3/1990 2:00	0	-21.619	0	26	3.9998
6/3/1990 3:00	0	-21.619	0	26	5
6/3/1990 4:00	0	-21.619	0	26	5
6/3/1990 5:00	0	-21.619	0	26	6.0002
6/3/1990 6:00	0	-21.619	4.0001	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/3/1990 7:00	2267.3	2200.1	128	26	6.9999
6/3/1990 8:00	7482.4	7287.2	364.01	26	6.9999
6/3/1990 9:00	12675	12257	601.99	26	6.9999
6/3/1990 10:00	15894	15285	761	26	6.9999
6/3/1990 11:00	18149	17383	882	27	6.9999
6/3/1990 12:00	18770	17959	915	27	6.9999
6/3/1990 13:00	17712	16978	859	27	6.9999
6/3/1990 14:00	15956	15343	764	26	8.0001
6/3/1990 15:00	12205	11811	580.99	26	6.9999
6/3/1990 16:00	5651	5512.2	273	26	8.0001
6/3/1990 17:00	2221.7	2155.4	115	27	8.0001
6/3/1990 18:00	277.67	241.14	16	26	8.0001
6/3/1990 19:00	0	-21.619	0	26	8.0001
6/3/1990 20:00	0	-21.619	0	26	8.9997
6/3/1990 21:00	0	-21.619	0	26	8.9997
6/3/1990 22:00	0	-21.619	0	26	8.9997
6/3/1990 23:00	0	-21.619	0	26	8.9997
7/3/1990 0:00	0	-21.619	0	26	8.9997
7/3/1990 1:00	0	-21.619	0	26	8.9997
7/3/1990 2:00	0	-21.619	0	26	10
7/3/1990 3:00	0	-21.619	0	25	10
7/3/1990 4:00	0	-21.619	0	25	10
7/3/1990 5:00	0	-21.619	0	25	10
7/3/1990 6:00	0	-21.619	4.0001	25	10
7/3/1990 7:00	2254.6	2187.4	124	25	10
7/3/1990 8:00	6384.8	6224.7	309	25	10
7/3/1990 9:00	11871	11494	561.99	25	10
7/3/1990 10:00	9061.9	8810.6	434.01	25	10
7/3/1990 11:00	10395	10088	491.01	25	10
7/3/1990 12:00	9840.4	9557.9	474.01	26	8.9997
7/3/1990 13:00	16550	15897	795	26	8.9997
7/3/1990 14:00	15185	14623	727	26	8.0001
7/3/1990 15:00	13101	12660	621.99	26	8.0001
7/3/1990 16:00	8252.9	8031.2	397.01	26	8.0001
7/3/1990 17:00	3340	3255	180	26	8.0001
7/3/1990 18:00	315.28	278.3	18	26	8.0001
7/3/1990 19:00	0	-21.619	0	25	8.0001
7/3/1990 20:00	0	-21.619	0	26	8.9997
7/3/1990 21:00	0	-21.619	0	26	8.9997
7/3/1990 22:00	0	-21.619	0	25	10
7/3/1990 23:00	0	-21.619	0	25	10
8/3/1990 0:00	0	-21.619	0	25	10
8/3/1990 1:00	0	-21.619	0	25	10
8/3/1990 2:00	0	-21.619	0	25	10
8/3/1990 3:00	0	-21.619	0	25	10
8/3/1990 4:00	0	-21.619	0	25	10
8/3/1990 5:00	0	-21.619	0	25	10
8/3/1990 6:00	0	-21.619	4.0001	25	10
8/3/1990 7:00	2168.4	2102.5	117	25	8.9997
8/3/1990 8:00	6874.1	6698.8	332.01	25	8.9997
8/3/1990 9:00	11781	11408	556.99	25	8.9997
8/3/1990 10:00	14779	14243	704	25	8.9997
8/3/1990 11:00	11973	11590	566.99	25	8.9997
8/3/1990 12:00	18066	17305	869	25	8.9997
8/3/1990 13:00	9552.1	9281.6	459.01	25	8.9997
8/3/1990 14:00	9550.9	9280.6	459.01	25	8.0001
8/3/1990 15:00	8247.9	8026.5	395.01	25	8.0001
8/3/1990 16:00	6386.8	6226.7	307	25	8.0001
8/3/1990 17:00	3425.7	3339.2	182	26	8.0001
8/3/1990 18:00	352.67	315.23	20	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
8/3/1990 19:00	0	-21.619	0	26	6.9999
8/3/1990 20:00	0	-21.619	0	26	6.9999
8/3/1990 21:00	0	-21.619	0	26	6.9999
8/3/1990 22:00	0	-21.619	0	26	6.9999
8/3/1990 23:00	0	-21.619	0	26	8.0001
9/3/1990 0:00	0	-21.619	0	26	8.9997
9/3/1990 1:00	0	-21.619	0	26	8.9997
9/3/1990 2:00	0	-21.619	0	26	8.9997
9/3/1990 3:00	0	-21.619	0	26	8.9997
9/3/1990 4:00	0	-21.619	0	26	8.9997
9/3/1990 5:00	0	-21.619	0	26	8.9997
9/3/1990 6:00	0	-21.619	4.0001	26	8.9997
9/3/1990 7:00	2286.1	2218.6	126	26	8.9997
9/3/1990 8:00	6872.3	6697.1	333.01	26	8.0001
9/3/1990 9:00	12313	11913	583.99	26	8.0001
9/3/1990 10:00	16106	15482	771	26	8.0001
9/3/1990 11:00	18250	17476	883	26	8.0001
9/3/1990 12:00	19320	18466	961	26	8.0001
9/3/1990 13:00	18934	18111	923	27	8.0001
9/3/1990 14:00	17116	16423	824	26	6.9999
9/3/1990 15:00	13780	13302	655.99	26	6.9999
9/3/1990 16:00	9101.3	8848.3	438.01	26	6.9999
9/3/1990 17:00	3544.5	3455.9	194	27	6.0002
9/3/1990 18:00	367.04	329.46	21	27	6.0002
9/3/1990 19:00	0	-21.619	0	27	6.0002
9/3/1990 20:00	0	-21.619	0	27	6.0002
9/3/1990 21:00	0	-21.619	0	26	6.0002
9/3/1990 22:00	0	-21.619	0	26	6.0002
9/3/1990 23:00	0	-21.619	0	26	6.9999
10/3/1990 0:00	0	-21.619	0	26	6.9999
10/3/1990 1:00	0	-21.619	0	26	6.9999
10/3/1990 2:00	0	-21.619	0	26	6.9999
10/3/1990 3:00	0	-21.619	0	26	8.0001
10/3/1990 4:00	0	-21.619	0	26	8.0001
10/3/1990 5:00	0	-21.619	0	26	8.0001
10/3/1990 6:00	0	-21.619	5.0001	26	8.0001
10/3/1990 7:00	2359.5	2290.8	130	26	8.0001
10/3/1990 8:00	7488.9	7293.6	363.01	26	8.0001
10/3/1990 9:00	12671	12253	600.99	26	8.0001
10/3/1990 10:00	15396	14820	738	27	8.0001
10/3/1990 11:00	16782	16113	810	27	8.0001
10/3/1990 12:00	19216	18369	951	27	8.0001
10/3/1990 13:00	19059	18224	935	27	8.0001
10/3/1990 14:00	17209	16511	830	27	8.0001
10/3/1990 15:00	13759	13282	656.99	27	6.9999
10/3/1990 16:00	8854.4	8610.8	427.01	27	6.9999
10/3/1990 17:00	3540.6	3452.1	194	27	6.9999
10/3/1990 18:00	385.96	348.15	22	27	6.9999
10/3/1990 19:00	0	-21.619	0	27	6.9999
10/3/1990 20:00	0	-21.619	0	27	6.9999
10/3/1990 21:00	0	-21.619	0	27	6.9999
10/3/1990 22:00	0	-21.619	0	26	6.0002
10/3/1990 23:00	0	-21.619	0	26	6.0002
11/3/1990 0:00	0	-21.619	0	26	6.9999
11/3/1990 1:00	0	-21.619	0	26	6.9999
11/3/1990 2:00	0	-21.619	0	26	8.0001
11/3/1990 3:00	0	-21.619	0	26	8.0001
11/3/1990 4:00	0	-21.619	0	26	8.0001
11/3/1990 5:00	0	-21.619	0	26	6.9999
11/3/1990 6:00	104.21	-21.619	7.0001	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/3/1990 7:00	2640.2	2567.1	148	26	8.0001
11/3/1990 8:00	8068	7852.9	391.01	26	6.9999
11/3/1990 9:00	13077	12637	620.99	26	6.9999
11/3/1990 10:00	16752	16085	805	26	6.9999
11/3/1990 11:00	18991	18162	926	26	6.9999
11/3/1990 12:00	19398	18538	970	26	6.9999
11/3/1990 13:00	19105	18267	938	26	6.9999
11/3/1990 14:00	17216	16517	831	27	6.9999
11/3/1990 15:00	12095	11707	575.99	27	6.9999
11/3/1990 16:00	8803.8	8562	423.01	26	6.9999
11/3/1990 17:00	3532.9	3444.6	192	27	6.9999
11/3/1990 18:00	387.02	349.2	22	27	6.9999
11/3/1990 19:00	0	-21.619	0	26	6.9999
11/3/1990 20:00	0	-21.619	0	26	6.0002
11/3/1990 21:00	0	-21.619	0	26	6.0002
11/3/1990 22:00	0	-21.619	0	26	6.0002
11/3/1990 23:00	0	-21.619	0	26	6.0002
12/3/1990 0:00	0	-21.619	0	26	6.0002
12/3/1990 1:00	0	-21.619	0	26	6.0002
12/3/1990 2:00	0	-21.619	0	26	6.0002
12/3/1990 3:00	0	-21.619	0	26	6.0002
12/3/1990 4:00	0	-21.619	0	26	6.9999
12/3/1990 5:00	0	-21.619	0	26	6.9999
12/3/1990 6:00	122.24	87.435	8.0001	26	6.9999
12/3/1990 7:00	2578.6	2506.5	143	26	6.9999
12/3/1990 8:00	7460.6	7266.2	361.01	26	6.9999
12/3/1990 9:00	12800	12375	607.99	26	6.9999
12/3/1990 10:00	16831	16159	809	26	6.9999
12/3/1990 11:00	18990	18161	922	25	6.9999
12/3/1990 12:00	19423	18561	972	26	6.9999
12/3/1990 13:00	19103	18265	937	26	6.9999
12/3/1990 14:00	17156	16461	826	26	6.9999
12/3/1990 15:00	13904	13419	661.99	26	6.9999
12/3/1990 16:00	9157.3	8902.2	440.01	26	6.9999
12/3/1990 17:00	2981.4	2902.7	159	26	6.0002
12/3/1990 18:00	146.33	111.28	9.0001	26	6.0002
12/3/1990 19:00	0	-21.619	0	26	6.0002
12/3/1990 20:00	0	-21.619	0	26	6.0002
12/3/1990 21:00	0	-21.619	0	26	6.0002
12/3/1990 22:00	0	-21.619	0	26	5
12/3/1990 23:00	0	-21.619	0	26	3.9998
13/03/90 00:00	0	-21.619	0	26	3.9998
13/03/90 01:00	0	-21.619	0	26	5
13/03/90 02:00	0	-21.619	0	26	6.0002
13/03/90 03:00	0	-21.619	0	26	6.0002
13/03/90 04:00	0	-21.619	0	26	6.9999
13/03/90 05:00	0	-21.619	0	26	6.0002
13/03/90 06:00	123.35	88.535	8.0001	26	6.9999
13/03/90 07:00	2657.9	2584.5	146	26	6.9999
13/03/90 08:00	8218.7	7998.2	397.01	26	8.0001
13/03/90 09:00	13192	12746	625.99	26	8.0001
13/03/90 10:00	16871	16195	810	26	8.0001
13/03/90 11:00	19067	18231	931	26	8.0001
13/03/90 12:00	19499	18630	978	26	8.0001
13/03/90 13:00	19208	18362	946	26	8.0001
13/03/90 14:00	17204	16506	829	26	6.9999
13/03/90 15:00	13729	13254	652.99	26	6.9999
13/03/90 16:00	9174.1	8918.4	441.01	26	6.9999
13/03/90 17:00	3596.8	3507.2	195	26	6.0002
13/03/90 18:00	389.89	351.99	22	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
13/03/90 19:00	0	-21.619	0	26	6.9999
13/03/90 20:00	0	-21.619	0	26	6.0002
13/03/90 21:00	0	-21.619	0	26	6.0002
13/03/90 22:00	0	-21.619	0	26	6.0002
13/03/90 23:00	0	-21.619	0	26	6.0002
14/03/90 00:00	0	-21.619	0	26	6.0002
14/03/90 01:00	0	-21.619	0	26	6.0002
14/03/90 02:00	0	-21.619	0	26	6.0002
14/03/90 03:00	0	-21.619	0	26	6.0002
14/03/90 04:00	0	-21.619	0	26	6.0002
14/03/90 05:00	0	-21.619	0	26	6.0002
14/03/90 06:00	159.5	124.31	10	26	6.9999
14/03/90 07:00	2824.9	2748.8	157	26	6.9999
14/03/90 08:00	8106.6	7890.1	392.01	26	6.9999
14/03/90 09:00	12655	12238	600.99	26	6.9999
14/03/90 10:00	16275	15640	781	26	6.9999
14/03/90 11:00	14673	14144	704	26	6.9999
14/03/90 12:00	18845	18028	917	26	6.9999
14/03/90 13:00	16553	15900	796	26	6.9999
14/03/90 14:00	14886	14343	714	26	6.9999
14/03/90 15:00	11054	10716	525.99	26	6.9999
14/03/90 16:00	6326.6	6168.3	305	26	6.9999
14/03/90 17:00	3445.1	3358.4	183	27	6.9999
14/03/90 18:00	407.58	369.5	23	27	6.9999
14/03/90 19:00	0	-21.619	0	27	6.9999
14/03/90 20:00	0	-21.619	0	27	6.9999
14/03/90 21:00	0	-21.619	0	26	6.0002
14/03/90 22:00	0	-21.619	0	26	6.0002
14/03/90 23:00	0	-21.619	0	26	6.0002
15/03/90 00:00	0	-21.619	0	26	5
15/03/90 01:00	0	-21.619	0	26	5
15/03/90 02:00	0	-21.619	0	26	5
15/03/90 03:00	0	-21.619	0	26	6.0002
15/03/90 04:00	0	-21.619	0	26	6.9999
15/03/90 05:00	0	-21.619	0	26	6.0002
15/03/90 06:00	124.15	89.325	8.0001	26	6.0002
15/03/90 07:00	2628.8	2556	142	26	6.0002
15/03/90 08:00	7989.3	7776.9	386.01	26	6.9999
15/03/90 09:00	12951	12518	614.99	26	6.9999
15/03/90 10:00	15929	15318	763	26	8.0001
15/03/90 11:00	6658.3	6489.9	325	26	8.0001
15/03/90 12:00	12414	12009	591.99	26	6.9999
15/03/90 13:00	12214	11820	586.99	26	6.9999
15/03/90 14:00	14757	14223	707	26	6.9999
15/03/90 15:00	13537	13072	644.99	26	6.0002
15/03/90 16:00	8527.3	8295.8	411.01	27	6.9999
15/03/90 17:00	3639.1	3548.8	195	27	6.0002
15/03/90 18:00	391.77	353.89	23	27	6.0002
15/03/90 19:00	0	-21.619	0	27	6.0002
15/03/90 20:00	0	-21.619	0	27	6.0002
15/03/90 21:00	0	-21.619	0	26	6.0002
15/03/90 22:00	0	-21.619	0	26	6.0002
15/03/90 23:00	0	-21.619	0	26	5
16/03/90 00:00	0	-21.619	0	26	5
16/03/90 01:00	0	-21.619	0	26	5
16/03/90 02:00	0	-21.619	0	26	3.9998
16/03/90 03:00	0	-21.619	0	26	5
16/03/90 04:00	0	-21.619	0	26	5
16/03/90 05:00	0	-21.619	0	26	5
16/03/90 06:00	215.31	179.5	13	26	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/03/90 07:00	3115.6	3034.6	175	26	5
16/03/90 08:00	8522.6	8291.2	412.01	26	6.0002
16/03/90 09:00	12286	11887	583.99	26	6.0002
16/03/90 10:00	13543	13078	647.99	26	6.0002
16/03/90 11:00	17548	16826	852	26	5
16/03/90 12:00	19399	18539	971	26	5
16/03/90 13:00	17983	17230	874	26	5
16/03/90 14:00	16960	16279	818	26	5
16/03/90 15:00	12449	12042	593.99	26	5
16/03/90 16:00	8984.6	8736.1	432.01	26	5
16/03/90 17:00	3654.8	3564.1	197	26	5
16/03/90 18:00	389.99	352.09	23	26	5
16/03/90 19:00	0	-21.619	0	26	5
16/03/90 20:00	0	-21.619	0	26	5
16/03/90 21:00	0	-21.619	0	26	5
16/03/90 22:00	0	-21.619	0	26	3.9998
16/03/90 23:00	0	-21.619	0	26	3.9998
17/03/90 00:00	0	-21.619	0	26	3.0001
17/03/90 01:00	0	-21.619	0	25	3.0001
17/03/90 02:00	0	-21.619	0	25	3.9998
17/03/90 03:00	0	-21.619	0	25	3.9998
17/03/90 04:00	0	-21.619	0	25	5
17/03/90 05:00	0	-21.619	0	26	5
17/03/90 06:00	198.88	163.25	12	26	6.0002
17/03/90 07:00	2950	2871.8	161	26	6.0002
17/03/90 08:00	8675.5	8438.5	419.01	26	6.0002
17/03/90 09:00	13555	13090	646.99	26	5
17/03/90 10:00	17149	16455	829	26	5
17/03/90 11:00	19175	18332	946	26	5
17/03/90 12:00	19542	18671	990	26	3.9998
17/03/90 13:00	19159	18317	947	26	3.9998
17/03/90 14:00	16294	15660	786	26	3.9998
17/03/90 15:00	13962	13475	670.99	27	3.0001
17/03/90 16:00	9326.5	9065	450.01	26	3.0001
17/03/90 17:00	3784.3	3691.2	207	27	3.0001
17/03/90 18:00	424.13	385.85	25	27	3.0001
17/03/90 19:00	0	-21.619	0	26	3.0001
17/03/90 20:00	0	-21.619	0	26	3.0001
17/03/90 21:00	0	-21.619	0	26	3.0001
17/03/90 22:00	0	-21.619	0	26	3.0001
17/03/90 23:00	0	-21.619	0	26	3.0001
18/03/90 00:00	0	-21.619	0	26	3.0001
18/03/90 01:00	0	-21.619	0	26	3.9998
18/03/90 02:00	0	-21.619	0	26	3.9998
18/03/90 03:00	0	-21.619	0	26	3.9998
18/03/90 04:00	0	-21.619	0	26	3.9998
18/03/90 05:00	0	-21.619	0	25	3.0001
18/03/90 06:00	238.21	202.11	14	25	3.0001
18/03/90 07:00	3236.3	3153.1	177	25	3.0001
18/03/90 08:00	8338.5	8113.8	402.01	25	3.0001
18/03/90 09:00	13564	13098	648.99	26	3.0001
18/03/90 10:00	17135	16443	832	26	3.0001
18/03/90 11:00	19172	18329	950	26	3.0001
18/03/90 12:00	19518	18650	993	26	1.9999
18/03/90 13:00	18685	17882	919	26	1.9999
18/03/90 14:00	15641	15051	757	26	1.9999
18/03/90 15:00	11448	11092	547.99	26	1.9999
18/03/90 16:00	8976.8	8728.6	433.01	26	1.9999
18/03/90 17:00	3692.5	3601.1	200	26	1.9999
18/03/90 18:00	426.65	388.29	25	26	1.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
18/03/90 19:00	0	-21.619	0	26	1.0002
18/03/90 20:00	0	-21.619	0	26	1.0002
18/03/90 21:00	0	-21.619	0	26	1.0002
18/03/90 22:00	0	-21.619	0	26	1.0002
18/03/90 23:00	0	-21.619	0	26	1.9999
19/03/90 00:00	0	-21.619	0	26	1.9999
19/03/90 01:00	0	-21.619	0	26	1.9999
19/03/90 02:00	0	-21.619	0	26	1.9999
19/03/90 03:00	0	-21.619	0	26	1.0002
19/03/90 04:00	0	-21.619	0	26	1.0002
19/03/90 05:00	0	-21.619	0	26	1.0002
19/03/90 06:00	273.22	236.75	16	26	1.0002
19/03/90 07:00	3234.2	3151.3	180	26	0
19/03/90 08:00	8456.6	8227.6	410.01	26	1.0002
19/03/90 09:00	13085	12646	627.99	26	1.0002
19/03/90 10:00	15698	15105	763	26	1.0002
19/03/90 11:00	8322.5	8098.5	404.01	26	1.0002
19/03/90 12:00	3172.8	3090.9	161	26	1.9999
19/03/90 13:00	3194.9	3112.6	162	26	1.9999
19/03/90 14:00	3352.6	0	169	26	3.0001
19/03/90 15:00	3904.1	0	194	26	3.0001
19/03/90 16:00	3327.4	0	164	26	3.0001
19/03/90 17:00	3024.6	0	157	27	3.0001
19/03/90 18:00	373.84	0	22	27	3.0001
19/03/90 19:00	0	-21.619	0	27	1.9999
19/03/90 20:00	0	-21.619	0	26	1.9999
19/03/90 21:00	0	-21.619	0	26	1.9999
19/03/90 22:00	0	-21.619	0	26	1.9999
19/03/90 23:00	0	-21.619	0	26	1.9999
20/03/90 00:00	0	-21.619	0	26	1.9999
20/03/90 01:00	0	-21.619	0	26	3.0001
20/03/90 02:00	0	-21.619	0	26	3.0001
20/03/90 03:00	0	-21.619	0	26	3.0001
20/03/90 04:00	0	-21.619	0	26	3.0001
20/03/90 05:00	0	-21.619	0	26	3.9998
20/03/90 06:00	311.78	0	18	26	3.9998
20/03/90 07:00	3373.2	0	188	26	3.9998
20/03/90 08:00	8980.1	0	434.01	26	3.9998
20/03/90 09:00	13780	0	658.99	26	3.9998
20/03/90 10:00	17306	0	839	26	3.9998
20/03/90 11:00	19169	0	946	26	3.9998
20/03/90 12:00	19606	0	994	26	5
20/03/90 13:00	19264	0	953	26	5
20/03/90 14:00	12874	0	616.99	26	5
20/03/90 15:00	9185.1	0	442.01	26	5
20/03/90 16:00	6433.3	0	310	26	6.0002
20/03/90 17:00	2938.4	0	153	25	6.0002
20/03/90 18:00	267.49	0	16	25	5
20/03/90 19:00	0	-21.619	0	25	5
20/03/90 20:00	0	-21.619	0	25	5
20/03/90 21:00	0	-21.619	0	25	5
20/03/90 22:00	0	-21.619	0	25	5
20/03/90 23:00	0	-21.619	0	25	5
21/03/90 00:00	0	-21.619	0	25	5
21/03/90 01:00	0	-21.619	0	25	5
21/03/90 02:00	0	-21.619	0	25	5
21/03/90 03:00	0	-21.619	0	25	6.0002
21/03/90 04:00	0	-21.619	0	25	6.0002
21/03/90 05:00	0	-21.619	0	25	6.0002
21/03/90 06:00	0	-21.619	6.0001	25	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/03/90 07:00	1657	0	83.001	25	6.9999
21/03/90 08:00	4929.5	0	239	25	6.9999
21/03/90 09:00	8580.7	0	411.01	25	6.9999
21/03/90 10:00	16845	0	807	25	6.9999
21/03/90 11:00	18835	0	913	25	6.9999
21/03/90 12:00	19468	0	968	25	6.9999
21/03/90 13:00	19384	0	959	25	6.9999
21/03/90 14:00	17181	0	824	25	6.9999
21/03/90 15:00	14035	0	666.99	25	6.9999
21/03/90 16:00	9501.2	0	455.01	25	6.9999
21/03/90 17:00	3827.5	0	206	25	6.9999
21/03/90 18:00	422.83	0	26	25	6.9999
21/03/90 19:00	0	-21.619	0	25	6.9999
21/03/90 20:00	0	-21.619	0	25	6.9999
21/03/90 21:00	0	-21.619	0	25	8.0001
21/03/90 22:00	0	-21.619	0	25	8.0001
21/03/90 23:00	0	-21.619	0	25	8.0001
22/03/90 00:00	0	-21.619	0	25	8.0001
22/03/90 01:00	0	-21.619	0	25	8.9997
22/03/90 02:00	0	-21.619	0	25	8.9997
22/03/90 03:00	0	-21.619	0	25	8.9997
22/03/90 04:00	0	-21.619	0	25	8.9997
22/03/90 05:00	0	-21.619	0	25	8.9997
22/03/90 06:00	314.08	0	18	25	8.9997
22/03/90 07:00	3155.3	0	168	25	8.9997
22/03/90 08:00	8075	0	386.01	24	8.9997
22/03/90 09:00	11002	0	518.99	24	8.9997
22/03/90 10:00	17191	0	821	24	8.0001
22/03/90 11:00	19098	0	924	24	8.0001
22/03/90 12:00	14852	0	709	24	6.9999
22/03/90 13:00	12032	0	570.99	24	6.9999
22/03/90 14:00	17599	0	844	24	6.9999
22/03/90 15:00	13934	0	659.99	24	6.9999
22/03/90 16:00	8623.9	0	412.01	24	6.9999
22/03/90 17:00	3221.4	0	168	25	6.0002
22/03/90 18:00	413.67	0	24	25	6.0002
22/03/90 19:00	0	-21.619	0	25	6.0002
22/03/90 20:00	0	-21.619	0	25	6.0002
22/03/90 21:00	0	-21.619	0	25	6.0002
22/03/90 22:00	0	-21.619	0	25	6.0002
22/03/90 23:00	0	-21.619	0	25	5
23/03/90 00:00	0	-21.619	0	25	5
23/03/90 01:00	0	-21.619	0	26	5
23/03/90 02:00	0	-21.619	0	26	5
23/03/90 03:00	0	-21.619	0	26	6.0002
23/03/90 04:00	0	-21.619	0	26	6.0002
23/03/90 05:00	0	-21.619	0	25	6.0002
23/03/90 06:00	0	-21.619	3	24	6.0002
23/03/90 07:00	2251.4	2184	116	24	6.0002
23/03/90 08:00	5590.3	5453.2	269	24	6.0002
23/03/90 09:00	8492.8	8262.6	406.01	24	6.0002
23/03/90 10:00	12141	11750	582.99	24	6.0002
23/03/90 11:00	14261	13757	683.99	24	6.9999
23/03/90 12:00	15156	14596	728	25	6.0002
23/03/90 13:00	5723.9	5583.2	279	24	6.0002
23/03/90 14:00	10081	9788.4	484.01	24	6.0002
23/03/90 15:00	9731.9	9454.1	463.01	24	6.0002
23/03/90 16:00	7569.1	7371.2	362.01	24	6.0002
23/03/90 17:00	2710.2	2635.8	140	25	6.0002
23/03/90 18:00	434.02	395.52	25	25	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
23/03/90 19:00	0	-21.619	0	25	6.0002
23/03/90 20:00	0	-21.619	0	25	6.0002
23/03/90 21:00	0	-21.619	0	25	6.0002
23/03/90 22:00	0	-21.619	0	25	6.0002
23/03/90 23:00	0	-21.619	0	26	6.0002
24/03/90 00:00	0	-21.619	0	25	6.0002
24/03/90 01:00	0	-21.619	0	25	6.0002
24/03/90 02:00	0	-21.619	0	25	6.9999
24/03/90 03:00	0	-21.619	0	26	6.9999
24/03/90 04:00	0	-21.619	0	26	6.9999
24/03/90 05:00	0	-21.619	0	26	6.9999
24/03/90 06:00	334.26	297.04	19	26	6.9999
24/03/90 07:00	3316	3231.5	176	25	8.0001
24/03/90 08:00	8675.4	8438.5	415.01	25	6.9999
24/03/90 09:00	13730	13255	650.99	25	6.9999
24/03/90 10:00	16628	15970	796	25	6.9999
24/03/90 11:00	15200	14637	732	26	6.0002
24/03/90 12:00	14772	14237	715	26	6.0002
24/03/90 13:00	13701	13228	661.99	26	5
24/03/90 14:00	12551	12139	603.99	26	5
24/03/90 15:00	8514.5	8283.5	410.01	26	5
24/03/90 16:00	8751.3	8511.6	421.01	26	3.9998
24/03/90 17:00	3610.9	3521.1	191	26	3.9998
24/03/90 18:00	393.84	355.89	23	26	3.9998
24/03/90 19:00	0	-21.619	0	26	3.9998
24/03/90 20:00	0	-21.619	0	25	3.9998
24/03/90 21:00	0	-21.619	0	25	3.9998
24/03/90 22:00	0	-21.619	0	25	3.9998
24/03/90 23:00	0	-21.619	0	25	5
25/03/90 00:00	0	-21.619	0	25	6.0002
25/03/90 01:00	0	-21.619	0	25	6.0002
25/03/90 02:00	0	-21.619	0	25	6.0002
25/03/90 03:00	0	-21.619	0	25	6.0002
25/03/90 04:00	0	-21.619	0	25	6.0002
25/03/90 05:00	0	-21.619	0	25	6.0002
25/03/90 06:00	280.36	243.8	16	26	5
25/03/90 07:00	3607.8	3518.1	194	26	5
25/03/90 08:00	9210.4	8953.4	443.01	26	5
25/03/90 09:00	13951	13464	666.99	26	3.9998
25/03/90 10:00	17434	16720	846	26	3.9998
25/03/90 11:00	19351	18495	963	26	3.9998
25/03/90 12:00	19613	18734	1004	26	3.9998
25/03/90 13:00	19360	18503	967	26	3.0001
25/03/90 14:00	17563	16841	855	26	3.0001
25/03/90 15:00	14148	13651	678.99	26	3.0001
25/03/90 16:00	9455	9188.5	456.01	26	1.9999
25/03/90 17:00	3872.8	3777.9	208	26	1.9999
25/03/90 18:00	439.09	400.57	27	26	1.9999
25/03/90 19:00	0	-21.619	0	26	1.9999
25/03/90 20:00	0	-21.619	0	26	3.0001
25/03/90 21:00	0	-21.619	0	26	3.0001
25/03/90 22:00	0	-21.619	0	26	3.0001
25/03/90 23:00	0	-21.619	0	26	3.0001
26/03/90 00:00	0	-21.619	0	26	3.0001
26/03/90 01:00	0	-21.619	0	26	3.9998
26/03/90 02:00	0	-21.619	0	26	3.9998
26/03/90 03:00	0	-21.619	0	25	3.9998
26/03/90 04:00	0	-21.619	0	25	3.9998
26/03/90 05:00	0	-21.619	0	26	3.9998
26/03/90 06:00	409.47	371.32	24	26	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/03/90 07:00	3723.3	3631.4	201	26	3.9998
26/03/90 08:00	9164.8	8909.5	441.01	26	3.9998
26/03/90 09:00	14096	13602	674.99	26	3.9998
26/03/90 10:00	17055	16369	825	26	3.9998
26/03/90 11:00	19365	18508	964	26	3.9998
26/03/90 12:00	19615	18736	1008	26	3.9998
26/03/90 13:00	19402	18542	971	26	3.0001
26/03/90 14:00	17446	16732	848	26	3.0001
26/03/90 15:00	12378	11975	591.99	26	3.9998
26/03/90 16:00	9564.1	9293.1	460.01	26	3.9998
26/03/90 17:00	3939.4	3843.1	213	26	3.9998
26/03/90 18:00	465.63	426.77	29	26	3.9998
26/03/90 19:00	0	-21.619	0	26	3.9998
26/03/90 20:00	0	-21.619	0	26	5
26/03/90 21:00	0	-21.619	0	26	5
26/03/90 22:00	0	-21.619	0	26	5
26/03/90 23:00	0	-21.619	0	26	6.0002
27/03/90 00:00	0	-21.619	0	26	6.9999
27/03/90 01:00	0	-21.619	0	26	6.9999
27/03/90 02:00	0	-21.619	0	26	6.9999
27/03/90 03:00	0	-21.619	0	26	6.9999
27/03/90 04:00	0	-21.619	0	26	6.9999
27/03/90 05:00	0	-21.619	0	25	6.0002
27/03/90 06:00	406.81	368.65	25	25	6.9999
27/03/90 07:00	3896.1	3800.8	206	25	6.9999
27/03/90 08:00	7772.8	7567.9	372.01	25	6.0002
27/03/90 09:00	9546.7	9276.6	452.01	25	6.0002
27/03/90 10:00	14424	13910	688.99	25	6.0002
27/03/90 11:00	19473	18607	967	25	6.0002
27/03/90 12:00	19618	18739	1005	25	6.0002
27/03/90 13:00	19251	18402	942	25	6.0002
27/03/90 14:00	17609	16882	848	25	6.0002
27/03/90 15:00	12133	11742	575.99	25	6.9999
27/03/90 16:00	8557.5	8324.9	409.01	25	6.9999
27/03/90 17:00	3793.3	3700.1	202	25	6.9999
27/03/90 18:00	467.01	428.13	29	26	6.9999
27/03/90 19:00	0	-21.619	0	26	6.9999
27/03/90 20:00	0	-21.619	0	26	8.0001
27/03/90 21:00	0	-21.619	0	26	8.0001
27/03/90 22:00	0	-21.619	0	26	8.0001
27/03/90 23:00	0	-21.619	0	26	8.9997
28/03/90 00:00	0	-21.619	0	26	8.9997
28/03/90 01:00	0	-21.619	0	26	10
28/03/90 02:00	0	-21.619	0	25	10
28/03/90 03:00	0	-21.619	0	25	11
28/03/90 04:00	0	-21.619	0	24	10
28/03/90 05:00	0	-21.619	0	24	8.9997
28/03/90 06:00	396.63	358.56	23	24	8.9997
28/03/90 07:00	3801.3	3707.9	200	24	8.0001
28/03/90 08:00	9524.4	9255.2	454.01	24	8.0001
28/03/90 09:00	14332	13823	679.99	24	6.9999
28/03/90 10:00	17873	17126	859	24	6.9999
28/03/90 11:00	19515	18646	972	25	6.0002
28/03/90 12:00	19621	18742	1011	25	6.0002
28/03/90 13:00	19514	18644	972	25	6.0002
28/03/90 14:00	17786	17046	859	25	6.0002
28/03/90 15:00	14307	13800	681.99	25	6.0002
28/03/90 16:00	9562.6	9291.7	458.01	25	6.0002
28/03/90 17:00	3860.8	3766.2	206	25	5
28/03/90 18:00	468.49	429.54	29	25	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
28/03/90 19:00	0	-21.619	0	25	6.0002
28/03/90 20:00	0	-21.619	0	25	6.0002
28/03/90 21:00	0	-21.619	0	25	6.0002
28/03/90 22:00	0	-21.619	0	26	5
28/03/90 23:00	0	-21.619	0	26	5
29/03/90 00:00	0	-21.619	0	26	3.9998
29/03/90 01:00	0	-21.619	0	26	3.9998
29/03/90 02:00	0	-21.619	0	26	3.9998
29/03/90 03:00	0	-21.619	0	26	5
29/03/90 04:00	0	-21.619	0	25	6.9999
29/03/90 05:00	0	-21.619	0	25	6.9999
29/03/90 06:00	380.54	342.72	22	25	6.9999
29/03/90 07:00	3919.3	3823.6	208	25	6.9999
29/03/90 08:00	9437.2	9171.4	451.01	25	6.9999
29/03/90 09:00	14410	13897	684.99	25	6.9999
29/03/90 10:00	15264	14696	728	25	6.9999
29/03/90 11:00	19351	18494	952	25	6.9999
29/03/90 12:00	19609	18731	984	25	6.9999
29/03/90 13:00	15972	15358	767	25	6.9999
29/03/90 14:00	11737	11366	562.99	25	6.0002
29/03/90 15:00	13975	13486	664.99	25	6.0002
29/03/90 16:00	9609.3	9336.6	460.01	25	6.0002
29/03/90 17:00	3980.6	3883.5	213	25	6.0002
29/03/90 18:00	470.31	431.34	29	25	6.0002
29/03/90 19:00	0	-21.619	0	25	6.0002
29/03/90 20:00	0	-21.619	0	26	6.0002
29/03/90 21:00	0	-21.619	0	26	5
29/03/90 22:00	0	-21.619	0	26	5
29/03/90 23:00	0	-21.619	0	26	5
30/03/90 00:00	0	-21.619	0	26	5
30/03/90 01:00	0	-21.619	0	26	5
30/03/90 02:00	0	-21.619	0	26	6.0002
30/03/90 03:00	0	-21.619	0	26	6.0002
30/03/90 04:00	0	-21.619	0	26	6.0002
30/03/90 05:00	0	-21.619	0	26	5
30/03/90 06:00	475.59	436.6	30	26	5
30/03/90 07:00	4108.9	4008.9	218	26	5
30/03/90 08:00	8372.1	8146.3	402.01	26	6.0002
30/03/90 09:00	10788	10463	513.99	26	6.0002
30/03/90 10:00	13677	13206	655.99	26	6.0002
30/03/90 11:00	12867	12439	620.99	26	6.0002
30/03/90 12:00	13217	12770	641.99	26	6.0002
30/03/90 13:00	9372.8	9109.6	458.01	26	5
30/03/90 14:00	9676.4	9401	469.01	26	3.9998
30/03/90 15:00	9247.4	8989	446.01	26	3.9998
30/03/90 16:00	7947.5	7736.6	383.01	26	3.9998
30/03/90 17:00	2535.2	2463.9	129	26	3.9998
30/03/90 18:00	398.47	360.46	23	26	5
30/03/90 19:00	0	-21.619	0	26	5
30/03/90 20:00	0	-21.619	0	25	6.0002
30/03/90 21:00	0	-21.619	0	25	6.0002
30/03/90 22:00	0	-21.619	0	25	6.9999
30/03/90 23:00	0	-21.619	0	25	6.9999
31/03/90 00:00	0	-21.619	0	25	6.9999
31/03/90 01:00	0	-21.619	0	25	6.9999
31/03/90 02:00	0	-21.619	0	25	6.0002
31/03/90 03:00	0	-21.619	0	25	6.0002
31/03/90 04:00	0	-21.619	0	25	6.0002
31/03/90 05:00	0	-21.619	0	25	6.0002
31/03/90 06:00	285.05	248.37	16	24	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
31/03/90 07:00	3484.5	3397	179	25	6.9999
31/03/90 08:00	8170.2	7951.6	391.01	25	6.9999
31/03/90 09:00	11332	10981	537.99	25	6.9999
31/03/90 10:00	14700	14169	702	25	6.9999
31/03/90 11:00	13403	12946	643.99	25	6.9999
31/03/90 12:00	9854.3	9571.4	475.01	25	6.0002
31/03/90 13:00	6221.3	6066.2	302	26	5
31/03/90 14:00	12664	12246	608.99	26	5
31/03/90 15:00	13245	12797	632.99	26	3.9998
31/03/90 16:00	9511.1	9242.4	457.01	26	3.9998
31/03/90 17:00	3965.7	3868.9	211	26	3.9998
31/03/90 18:00	472.1	433.16	29	26	3.9998
31/03/90 19:00	0	-21.619	0	26	5
31/03/90 20:00	0	-21.619	0	26	5
31/03/90 21:00	0	-21.619	0	26	5
31/03/90 22:00	0	-21.619	0	26	5
31/03/90 23:00	0	-21.619	0	26	3.9998
1/4/1990 0:00	0	-21.619	0	26	8.0001
1/4/1990 1:00	0	-21.619	0	26	8.0001
1/4/1990 2:00	0	-21.619	0	26	8.9997
1/4/1990 3:00	0	-21.619	0	25	8.9997
1/4/1990 4:00	0	-21.619	0	25	8.9997
1/4/1990 5:00	0	-21.619	0	25	8.9997
1/4/1990 6:00	319.54	282.46	18	25	10
1/4/1990 7:00	3753.6	3661.1	194	25	10
1/4/1990 8:00	7030.8	6850.6	340.01	25	10
1/4/1990 9:00	9267	9007.9	448.01	25	10
1/4/1990 10:00	14811	14273	714	25	10
1/4/1990 11:00	18653	17848	910	25	10
1/4/1990 12:00	19322	18467	953	25	8.9997
1/4/1990 13:00	18360	17578	898	26	8.9997
1/4/1990 14:00	16930	16250	820	26	8.9997
1/4/1990 15:00	13494	13032	647.99	26	8.9997
1/4/1990 16:00	9286	9026.1	449.01	26	8.9997
1/4/1990 17:00	3784.6	3691.6	201	26	8.9997
1/4/1990 18:00	394.82	356.85	23	26	8.9997
1/4/1990 19:00	0	-21.619	0	26	8.0001
1/4/1990 20:00	0	-21.619	0	26	8.0001
1/4/1990 21:00	0	-21.619	0	26	8.0001
1/4/1990 22:00	0	-21.619	0	26	8.0001
1/4/1990 23:00	0	-21.619	0	26	6.9999
2/4/1990 0:00	0	-21.619	0	26	6.9999
2/4/1990 1:00	0	-21.619	0	26	6.0002
2/4/1990 2:00	0	-21.619	0	26	6.0002
2/4/1990 3:00	0	-21.619	0	26	6.9999
2/4/1990 4:00	0	-21.619	0	26	6.9999
2/4/1990 5:00	0	-21.619	0	26	6.9999
2/4/1990 6:00	341.78	304.47	20	26	6.9999
2/4/1990 7:00	4070.5	3971.3	213	25	8.0001
2/4/1990 8:00	8685.8	8448.6	419.01	25	8.0001
2/4/1990 9:00	11217	10871	536.99	25	8.9997
2/4/1990 10:00	16600	15942	802	25	8.9997
2/4/1990 11:00	18239	17465	889	25	8.9997
2/4/1990 12:00	18678	17873	917	26	8.0001
2/4/1990 13:00	19245	18397	949	26	8.0001
2/4/1990 14:00	14912	14368	722	26	8.0001
2/4/1990 15:00	13372	12917	642.99	26	8.0001
2/4/1990 16:00	9459.6	9193	458.01	26	8.0001
2/4/1990 17:00	3976.2	3879.2	214	26	8.0001
2/4/1990 18:00	427.2	388.83	25	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
2/4/1990 19:00	0	-21.619	0	26	8.0001
2/4/1990 20:00	0	-21.619	0	26	6.9999
2/4/1990 21:00	0	-21.619	0	26	6.9999
2/4/1990 22:00	0	-21.619	0	26	6.9999
2/4/1990 23:00	0	-21.619	0	26	6.0002
3/4/1990 0:00	0	-21.619	0	26	6.0002
3/4/1990 1:00	0	-21.619	0	26	6.0002
3/4/1990 2:00	0	-21.619	0	26	6.0002
3/4/1990 3:00	0	-21.619	0	26	6.0002
3/4/1990 4:00	0	-21.619	0	26	6.9999
3/4/1990 5:00	0	-21.619	0	26	6.0002
3/4/1990 6:00	519.58	480.01	34.001	26	6.0002
3/4/1990 7:00	4039.7	3941.2	214	26	6.0002
3/4/1990 8:00	9377.9	9114.5	454.01	26	6.0002
3/4/1990 9:00	13369	12914	644.99	26	6.0002
3/4/1990 10:00	17604	16878	860	26	6.0002
3/4/1990 11:00	19462	18597	977	26	6.0002
3/4/1990 12:00	19615	18736	1010	26	6.0002
3/4/1990 13:00	19302	18449	960	26	6.0002
3/4/1990 14:00	16484	15836	802	26	6.0002
3/4/1990 15:00	13540	13075	652.99	26	6.0002
3/4/1990 16:00	8615.4	8380.8	418.01	26	6.0002
3/4/1990 17:00	3521.1	3433	187	26	6.0002
3/4/1990 18:00	374.99	337.27	22	26	6.0002
3/4/1990 19:00	0	-21.619	0	26	5
3/4/1990 20:00	0	-21.619	0	26	5
3/4/1990 21:00	0	-21.619	0	26	5
3/4/1990 22:00	0	-21.619	0	26	5
3/4/1990 23:00	0	-21.619	0	26	5
4/4/1990 0:00	0	-21.619	0	26	3.9998
4/4/1990 1:00	0	-21.619	0	26	3.0001
4/4/1990 2:00	0	-21.619	0	26	3.0001
4/4/1990 3:00	0	-21.619	0	26	3.9998
4/4/1990 4:00	0	-21.619	0	26	5
4/4/1990 5:00	0	-21.619	0	26	5
4/4/1990 6:00	380.07	342.3	22	26	5
4/4/1990 7:00	4169.3	4067.8	218	26	5
4/4/1990 8:00	9342.2	9080.1	453.01	26	3.9998
4/4/1990 9:00	14384	13873	695.99	26	5
4/4/1990 10:00	17468	16752	856	26	5
4/4/1990 11:00	19368	18510	967	26	5
4/4/1990 12:00	17759	17022	875	26	5
4/4/1990 13:00	12766	12343	626.99	26	5
4/4/1990 14:00	13739	13265	668.99	26	3.9998
4/4/1990 15:00	13308	12856	643.99	26	3.9998
4/4/1990 16:00	8680.8	8443.7	422.01	26	3.9998
4/4/1990 17:00	3708.6	3617	198	26	3.0001
4/4/1990 18:00	357.45	319.95	21	26	3.0001
4/4/1990 19:00	0	-21.619	0	26	3.9998
4/4/1990 20:00	0	-21.619	0	26	3.9998
4/4/1990 21:00	0	-21.619	0	26	3.9998
4/4/1990 22:00	0	-21.619	0	26	3.9998
4/4/1990 23:00	0	-21.619	0	26	3.9998
5/4/1990 0:00	0	-21.619	0	26	3.0001
5/4/1990 1:00	0	-21.619	0	26	3.0001
5/4/1990 2:00	0	-21.619	0	26	3.0001
5/4/1990 3:00	0	-21.619	0	26	1.9999
5/4/1990 4:00	0	-21.619	0	25	1.9999
5/4/1990 5:00	0	-21.619	0	25	1.0002
5/4/1990 6:00	457.56	418.76	26	25	0

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
5/4/1990 7:00	2713.2	2638.9	139	25	1.0002
5/4/1990 8:00	5458.5	5325	268	25	1.9999
5/4/1990 9:00	8490.5	8260.4	416.01	25	3.0001
5/4/1990 10:00	10991	10656	537.99	25	3.0001
5/4/1990 11:00	12383	11980	607.99	25	3.0001
5/4/1990 12:00	15658	15067	768	26	3.0001
5/4/1990 13:00	17353	16646	859	26	1.9999
5/4/1990 14:00	13650	13180	665.99	26	1.9999
5/4/1990 15:00	11189	10845	544.99	26	1.9999
5/4/1990 16:00	8872.8	8628.6	433.01	26	1.0002
5/4/1990 17:00	3338.4	3253.6	174	26	1.0002
5/4/1990 18:00	316.73	279.73	18	26	1.9999
5/4/1990 19:00	0	-21.619	0	26	1.9999
5/4/1990 20:00	0	-21.619	0	26	1.0002
5/4/1990 21:00	0	-21.619	0	26	1.0002
5/4/1990 22:00	0	-21.619	0	25	1.0002
5/4/1990 23:00	0	-21.619	0	25	1.0002
6/4/1990 0:00	0	-21.619	0	25	1.0002
6/4/1990 1:00	0	-21.619	0	24	1.0002
6/4/1990 2:00	0	-21.619	0	24	1.0002
6/4/1990 3:00	0	-21.619	0	24	1.0002
6/4/1990 4:00	0	-21.619	0	25	1.9999
6/4/1990 5:00	0	-21.619	0	25	1.9999
6/4/1990 6:00	597.21	556.54	38.001	25	1.9999
6/4/1990 7:00	4459.2	4351	231	25	3.0001
6/4/1990 8:00	4171.2	4069.7	205	25	3.0001
6/4/1990 9:00	6950.7	6773	339.01	25	1.9999
6/4/1990 10:00	16621	15965	814	25	1.9999
6/4/1990 11:00	17205	16508	846	25	3.0001
6/4/1990 12:00	11613	11249	571.99	26	3.0001
6/4/1990 13:00	8916.2	8670.4	441.01	26	3.9998
6/4/1990 14:00	11059	10721	537.99	26	3.9998
6/4/1990 15:00	5506.1	5371.3	272	26	5
6/4/1990 16:00	6029.2	5879.7	294	26	5
6/4/1990 17:00	3684.9	3593.7	196	26	5
6/4/1990 18:00	492.34	453.13	29	26	5
6/4/1990 19:00	0	-21.619	0	26	5
6/4/1990 20:00	0	-21.619	0	26	3.9998
6/4/1990 21:00	0	-21.619	0	26	3.9998
6/4/1990 22:00	0	-21.619	0	26	3.9998
6/4/1990 23:00	0	-21.619	0	26	3.0001
7/4/1990 0:00	0	-21.619	0	26	3.0001
7/4/1990 1:00	0	-21.619	0	25	3.0001
7/4/1990 2:00	0	-21.619	0	25	3.0001
7/4/1990 3:00	0	-21.619	0	25	3.9998
7/4/1990 4:00	0	-21.619	0	25	3.9998
7/4/1990 5:00	0	-21.619	0	25	3.9998
7/4/1990 6:00	359.53	321.97	20	25	3.9998
7/4/1990 7:00	3128.1	3046.8	159	25	5
7/4/1990 8:00	9059.3	8808.1	437.01	25	6.0002
7/4/1990 9:00	13366	12911	639.99	24	6.9999
7/4/1990 10:00	17243	16541	834	24	6.9999
7/4/1990 11:00	13642	13173	657.99	25	6.9999
7/4/1990 12:00	17604	16877	860	25	6.9999
7/4/1990 13:00	19047	18214	935	25	6.9999
7/4/1990 14:00	17538	16815	852	25	6.9999
7/4/1990 15:00	14008	13517	671.99	25	8.0001
7/4/1990 16:00	9505.2	9236.8	459.01	25	6.9999
7/4/1990 17:00	3975.3	3878.3	210	25	6.9999
7/4/1990 18:00	426.46	388.05	26	25	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
7/4/1990 19:00	0	-21.619	0	25	6.0002
7/4/1990 20:00	0	-21.619	0	25	5
7/4/1990 21:00	0	-21.619	0	25	5
7/4/1990 22:00	0	-21.619	0	25	3.9998
7/4/1990 23:00	0	-21.619	0	25	3.9998
8/4/1990 0:00	0	-21.619	0	25	3.9998
8/4/1990 1:00	0	-21.619	0	25	3.9998
8/4/1990 2:00	0	-21.619	0	25	5
8/4/1990 3:00	0	-21.619	0	25	5
8/4/1990 4:00	0	-21.619	0	25	5
8/4/1990 5:00	0	-21.619	0	25	6.0002
8/4/1990 6:00	461.4	422.54	26	25	6.0002
8/4/1990 7:00	4173.5	4072	214	25	6.9999
8/4/1990 8:00	6464.1	6301.7	314	25	8.0001
8/4/1990 9:00	12108	11719	583.99	25	8.0001
8/4/1990 10:00	15972	15358	773	25	8.0001
8/4/1990 11:00	18168	17400	887	25	8.0001
8/4/1990 12:00	16198	15569	790	26	8.0001
8/4/1990 13:00	13934	13448	674.99	26	8.0001
8/4/1990 14:00	14873	14332	721	26	8.0001
8/4/1990 15:00	12608	12193	607.99	26	6.9999
8/4/1990 16:00	8956.2	8708.9	434.01	26	6.9999
8/4/1990 17:00	3844.7	3750.5	202	26	6.0002
8/4/1990 18:00	378.18	340.42	22	26	6.0002
8/4/1990 19:00	0	-21.619	0	26	5
8/4/1990 20:00	0	-21.619	0	26	5
8/4/1990 21:00	0	-21.619	0	26	6.0002
8/4/1990 22:00	0	-21.619	0	26	6.0002
8/4/1990 23:00	0	-21.619	0	26	6.0002
9/4/1990 0:00	0	-21.619	0	26	6.0002
9/4/1990 1:00	0	-21.619	0	26	6.0002
9/4/1990 2:00	0	-21.619	0	26	6.0002
9/4/1990 3:00	0	-21.619	0	26	6.0002
9/4/1990 4:00	0	-21.619	0	26	6.9999
9/4/1990 5:00	0	-21.619	0	26	6.0002
9/4/1990 6:00	538.22	498.41	32	26	6.0002
9/4/1990 7:00	3726.6	3634.6	193	26	5
9/4/1990 8:00	9755.3	9476.7	471.01	26	6.0002
9/4/1990 9:00	14342	13834	694.99	27	6.0002
9/4/1990 10:00	17340	16634	848	27	6.0002
9/4/1990 11:00	17943	17193	885	27	6.0002
9/4/1990 12:00	12687	12268	615.99	27	6.0002
9/4/1990 13:00	15270	14704	747	27	6.0002
9/4/1990 14:00	11245	10898	551.99	27	5
9/4/1990 15:00	7719.1	7516.1	380.01	27	5
9/4/1990 16:00	5128	5003.1	253	27	5
9/4/1990 17:00	3572.8	3483.8	186	27	3.9998
9/4/1990 18:00	359.46	321.98	21	27	3.9998
9/4/1990 19:00	0	-21.619	0	26	3.9998
9/4/1990 20:00	0	-21.619	0	26	3.9998
9/4/1990 21:00	0	-21.619	0	26	3.9998
9/4/1990 22:00	0	-21.619	0	26	3.9998
9/4/1990 23:00	0	-21.619	0	27	3.9998
10/4/1990 0:00	0	-21.619	0	27	3.9998
10/4/1990 1:00	0	-21.619	0	26	3.9998
10/4/1990 2:00	0	-21.619	0	27	3.9998
10/4/1990 3:00	0	-21.619	0	27	5
10/4/1990 4:00	0	-21.619	0	27	5
10/4/1990 5:00	0	-21.619	0	27	5
10/4/1990 6:00	606	565.27	36.001	26	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
10/4/1990 7:00	4110	4009.9	213	26	5
10/4/1990 8:00	9578	9306.8	464.01	27	5
10/4/1990 9:00	13681	13209	661.99	27	6.0002
10/4/1990 10:00	16747	16082	818	27	6.0002
10/4/1990 11:00	17721	16987	872	27	6.0002
10/4/1990 12:00	17164	16469	844	27	6.0002
10/4/1990 13:00	18443	17657	911	27	6.0002
10/4/1990 14:00	15621	15031	759	27	6.9999
10/4/1990 15:00	13226	12779	638.99	27	6.9999
10/4/1990 16:00	7820.5	7614	380.01	27	6.9999
10/4/1990 17:00	3662.9	3572.1	193	27	6.9999
10/4/1990 18:00	423.09	384.82	26	27	6.9999
10/4/1990 19:00	0	-21.619	0	27	6.9999
10/4/1990 20:00	0	-21.619	0	27	8.0001
10/4/1990 21:00	0	-21.619	0	27	8.0001
10/4/1990 22:00	0	-21.619	0	27	8.0001
10/4/1990 23:00	0	-21.619	0	27	8.0001
11/4/1990 0:00	0	-21.619	0	27	8.0001
11/4/1990 1:00	0	-21.619	0	27	8.0001
11/4/1990 2:00	0	-21.619	0	27	8.0001
11/4/1990 3:00	0	-21.619	0	27	8.9997
11/4/1990 4:00	0	-21.619	0	27	8.9997
11/4/1990 5:00	0	-21.619	0	27	8.0001
11/4/1990 6:00	593.46	552.97	35.001	27	8.0001
11/4/1990 7:00	4522.7	4412.9	233	27	8.0001
11/4/1990 8:00	9594.1	9322.3	464.01	27	8.0001
11/4/1990 9:00	12710	12290	613.99	27	8.9997
11/4/1990 10:00	17213	16514	836	27	10
11/4/1990 11:00	19602	18726	981	27	10
11/4/1990 12:00	19619	18740	1006	27	10
11/4/1990 13:00	19117	18279	939	27	10
11/4/1990 14:00	14872	14331	721	27	8.9997
11/4/1990 15:00	13795	13317	664.99	27	8.9997
11/4/1990 16:00	8570.4	8337.4	416.01	27	8.0001
11/4/1990 17:00	3543.5	3455	184	27	6.9999
11/4/1990 18:00	335.42	298.24	19	27	6.0002
11/4/1990 19:00	0	-21.619	0	27	6.9999
11/4/1990 20:00	0	-21.619	0	27	6.9999
11/4/1990 21:00	0	-21.619	0	27	6.9999
11/4/1990 22:00	0	-21.619	0	27	8.0001
11/4/1990 23:00	0	-21.619	0	27	8.0001
12/4/1990 0:00	0	-21.619	0	27	8.9997
12/4/1990 1:00	0	-21.619	0	27	8.9997
12/4/1990 2:00	0	-21.619	0	27	8.0001
12/4/1990 3:00	0	-21.619	0	27	8.0001
12/4/1990 4:00	0	-21.619	0	27	8.0001
12/4/1990 5:00	0	-21.619	0	27	6.9999
12/4/1990 6:00	578.22	537.93	34.001	27	6.9999
12/4/1990 7:00	4020.3	3922.3	206	27	8.0001
12/4/1990 8:00	9391.1	9127.2	454.01	27	8.0001
12/4/1990 9:00	14123	13627	681.99	27	8.0001
12/4/1990 10:00	17696	16963	864	27	8.0001
12/4/1990 11:00	19419	18557	965	27	8.0001
12/4/1990 12:00	19151	18311	947	27	8.0001
12/4/1990 13:00	18751	17942	925	27	6.9999
12/4/1990 14:00	17070	16382	832	27	6.9999
12/4/1990 15:00	13522	13059	652.99	27	6.9999
12/4/1990 16:00	8554.4	8322	416.01	27	6.0002
12/4/1990 17:00	3335.8	3251.2	172	27	6.9999
12/4/1990 18:00	259.88	223.59	15	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
12/4/1990 19:00	0	-21.619	0	27	5
12/4/1990 20:00	0	-21.619	0	27	5
12/4/1990 21:00	0	-21.619	0	27	5
12/4/1990 22:00	0	-21.619	0	27	5
12/4/1990 23:00	0	-21.619	0	27	5
13/04/90 00:00	0	-21.619	0	27	5
13/04/90 01:00	0	-21.619	0	27	5
13/04/90 02:00	0	-21.619	0	27	5
13/04/90 03:00	0	-21.619	0	27	3.9998
13/04/90 04:00	0	-21.619	0	27	3.9998
13/04/90 05:00	0	-21.619	0	26	3.9998
13/04/90 06:00	648.22	606.92	38.001	26	5
13/04/90 07:00	4404.4	4297.5	226	26	5
13/04/90 08:00	9708.2	9431.7	470.01	27	5
13/04/90 09:00	13690	13218	663.99	27	5
13/04/90 10:00	16503	15855	806	27	6.0002
13/04/90 11:00	19354	18499	959	27	6.9999
13/04/90 12:00	15717	15122	771	28	6.9999
13/04/90 13:00	12433	12028	608.99	28	6.9999
13/04/90 14:00	12954	12522	632.99	28	8.0001
13/04/90 15:00	10462	10152	507.01	27	6.9999
13/04/90 16:00	8769.4	8529.1	426.01	27	6.9999
13/04/90 17:00	3942.9	3846.6	208	27	6.0002
13/04/90 18:00	458.76	420.03	27	27	5
13/04/90 19:00	0	-21.619	0	27	3.9998
13/04/90 20:00	0	-21.619	0	27	3.9998
13/04/90 21:00	0	-21.619	0	27	5
13/04/90 22:00	0	-21.619	0	27	5
13/04/90 23:00	0	-21.619	0	27	5
14/04/90 00:00	0	-21.619	0	27	5
14/04/90 01:00	0	-21.619	0	27	5
14/04/90 02:00	0	-21.619	0	27	5
14/04/90 03:00	0	-21.619	0	27	5
14/04/90 04:00	0	-21.619	0	27	5
14/04/90 05:00	0	-21.619	0	27	3.9998
14/04/90 06:00	724.35	682.06	45.001	27	3.9998
14/04/90 07:00	4714.4	4600	243	27	5
14/04/90 08:00	10094	9800.6	488.01	27	6.0002
14/04/90 09:00	13636	13167	658.99	27	6.9999
14/04/90 10:00	16844	16172	822	27	6.9999
14/04/90 11:00	15119	14563	742	27	6.9999
14/04/90 12:00	10262	9961.3	505.01	28	6.9999
14/04/90 13:00	17160	16466	844	28	6.9999
14/04/90 14:00	16503	15855	808	28	6.0002
14/04/90 15:00	12847	12420	620.99	27	6.0002
14/04/90 16:00	9330.8	9069.2	453.01	27	6.0002
14/04/90 17:00	4078.1	3978.7	217	27	6.0002
14/04/90 18:00	506.92	467.57	33.001	27	5
14/04/90 19:00	0	-21.619	0	27	5
14/04/90 20:00	0	-21.619	0	27	5
14/04/90 21:00	0	-21.619	0	27	5
14/04/90 22:00	0	-21.619	0	27	6.0002
14/04/90 23:00	0	-21.619	0	27	6.0002
15/04/90 00:00	0	-21.619	0	27	6.9999
15/04/90 01:00	0	-21.619	0	27	6.9999
15/04/90 02:00	0	-21.619	0	27	6.9999
15/04/90 03:00	0	-21.619	0	27	6.9999
15/04/90 04:00	0	-21.619	0	27	6.9999
15/04/90 05:00	0	-21.619	0	27	6.0002
15/04/90 06:00	713.64	671.49	42.001	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
15/04/90 07:00	4480.8	4372.1	230	27	6.0002
15/04/90 08:00	10232	9931.8	494.01	27	6.9999
15/04/90 09:00	14729	14197	712	27	8.0001
15/04/90 10:00	17461	16745	851	27	8.0001
15/04/90 11:00	18022	17266	883	27	8.9997
15/04/90 12:00	19605	18729	982	27	8.9997
15/04/90 13:00	15578	14991	758	27	8.9997
15/04/90 14:00	16633	15975	809	27	8.0001
15/04/90 15:00	13005	12570	626.99	27	8.0001
15/04/90 16:00	9113.2	8860	442.01	27	6.9999
15/04/90 17:00	3804.7	3711.3	201	27	6.0002
15/04/90 18:00	525.88	486.28	32	27	6.0002
15/04/90 19:00	0	-21.619	0	27	5
15/04/90 20:00	0	-21.619	0	27	5
15/04/90 21:00	0	-21.619	0	27	3.9998
15/04/90 22:00	0	-21.619	0	27	3.9998
15/04/90 23:00	0	-21.619	0	27	3.9998
16/04/90 00:00	0	-21.619	0	27	3.9998
16/04/90 01:00	0	-21.619	0	27	5
16/04/90 02:00	0	-21.619	0	27	5
16/04/90 03:00	0	-21.619	0	27	3.9998
16/04/90 04:00	0	-21.619	0	27	3.9998
16/04/90 05:00	0	-21.619	0	26	3.9998
16/04/90 06:00	703.57	661.49	41.001	26	3.9998
16/04/90 07:00	4318.7	4213.8	219	26	3.9998
16/04/90 08:00	2240.5	2174	114	27	3.9998
16/04/90 09:00	2817.8	2741.9	144	26	3.0001
16/04/90 10:00	3777.9	3685	192	26	5
16/04/90 11:00	3885.3	3790.3	197	25	8.0001
16/04/90 12:00	5809.2	5666.1	291	25	8.9997
16/04/90 13:00	6431.1	6269.6	321	25	8.9997
16/04/90 14:00	4353	4247.3	219	25	8.9997
16/04/90 15:00	3619.8	3529.8	182	25	8.9997
16/04/90 16:00	3144.6	3062.9	157	25	8.9997
16/04/90 17:00	1845.7	1784.9	93.001	25	8.0001
16/04/90 18:00	282.06	245.42	16	24	8.0001
16/04/90 19:00	0	-21.619	0	25	8.0001
16/04/90 20:00	0	-21.619	0	25	8.0001
16/04/90 21:00	0	-21.619	0	25	6.9999
16/04/90 22:00	0	-21.619	0	26	6.9999
16/04/90 23:00	0	-21.619	0	26	6.9999
17/04/90 00:00	0	-21.619	0	26	6.9999
17/04/90 01:00	0	-21.619	0	26	6.9999
17/04/90 02:00	0	-21.619	0	25	6.9999
17/04/90 03:00	0	-21.619	0	25	8.0001
17/04/90 04:00	0	-21.619	0	25	8.0001
17/04/90 05:00	0	-21.619	0	24	6.9999
17/04/90 06:00	525.03	485.28	29	24	6.9999
17/04/90 07:00	4167.7	4066.3	210	24	6.9999
17/04/90 08:00	10019	9728.9	479.01	23	6.9999
17/04/90 09:00	14596	14072	698.99	23	6.9999
17/04/90 10:00	15045	14493	724	23	6.9999
17/04/90 11:00	17616	16888	860	24	6.0002
17/04/90 12:00	19626	18747	1023	24	5
17/04/90 13:00	19527	18657	973	24	5
17/04/90 14:00	17489	16770	852	24	5
17/04/90 15:00	14203	13702	684.99	24	3.9998
17/04/90 16:00	9610.6	9338.1	464.01	24	3.9998
17/04/90 17:00	4144.3	4043.4	219	24	3.9998
17/04/90 18:00	550.8	510.71	34.001	24	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
17/04/90 19:00	0	-21.619	0	24	3.0001
17/04/90 20:00	0	-21.619	0	23	1.9999
17/04/90 21:00	0	-21.619	0	23	1.0002
17/04/90 22:00	0	-21.619	0	23	1.0002
17/04/90 23:00	0	-21.619	0	23	1.0002
18/04/90 00:00	0	-21.619	0	23	1.0002
18/04/90 01:00	0	-21.619	0	23	1.0002
18/04/90 02:00	0	-21.619	0	23	1.0002
18/04/90 03:00	0	-21.619	0	23	1.0002
18/04/90 04:00	0	-21.619	0	23	1.0002
18/04/90 05:00	0	-21.619	0	23	1.9999
18/04/90 06:00	621.25	580.12	36.001	23	1.0002
18/04/90 07:00	4603.3	4491.6	233	23	1.0002
18/04/90 08:00	10452	10143	503.01	23	1.0002
18/04/90 09:00	14855	14316	723	24	1.0002
18/04/90 10:00	18037	17281	888	24	1.9999
18/04/90 11:00	19606	18730	993	24	1.9999
18/04/90 12:00	19623	18743	1024	25	3.0001
18/04/90 13:00	19463	18599	974	25	3.0001
18/04/90 14:00	17420	16708	855	25	3.0001
18/04/90 15:00	13672	13201	662.99	26	3.0001
18/04/90 16:00	9119.6	8866.2	443.01	26	3.0001
18/04/90 17:00	3922.4	3826.5	204	25	3.0001
18/04/90 18:00	380.04	342.22	22	25	3.0001
18/04/90 19:00	0	-21.619	0	25	3.0001
18/04/90 20:00	0	-21.619	0	25	3.0001
18/04/90 21:00	0	-21.619	0	25	3.0001
18/04/90 22:00	0	-21.619	0	25	3.0001
18/04/90 23:00	0	-21.619	0	25	3.0001
19/04/90 00:00	0	-21.619	0	26	1.9999
19/04/90 01:00	0	-21.619	0	25	1.9999
19/04/90 02:00	0	-21.619	0	25	1.9999
19/04/90 03:00	0	-21.619	0	25	1.9999
19/04/90 04:00	0	-21.619	0	25	1.9999
19/04/90 05:00	0	-21.619	0	26	3.0001
19/04/90 06:00	730.04	687.59	43.001	26	3.0001
19/04/90 07:00	4748	4632.7	242	26	3.0001
19/04/90 08:00	10217	9917.7	494.01	26	3.0001
19/04/90 09:00	13171	12727	638.99	26	3.9998
19/04/90 10:00	14899	14357	727	26	3.9998
19/04/90 11:00	16102	15481	793	27	3.9998
19/04/90 12:00	14777	14243	728	27	3.9998
19/04/90 13:00	18863	18047	938	27	3.9998
19/04/90 14:00	17092	16404	840	27	3.9998
19/04/90 15:00	13821	13342	670.99	27	3.9998
19/04/90 16:00	9208.8	8951.9	448.01	27	3.9998
19/04/90 17:00	3982.3	3885.1	208	27	3.9998
19/04/90 18:00	478.23	439.26	28	27	3.9998
19/04/90 19:00	0	-21.619	0	26	3.0001
19/04/90 20:00	0	-21.619	0	26	3.0001
19/04/90 21:00	0	-21.619	0	26	1.9999
19/04/90 22:00	0	-21.619	0	26	1.9999
19/04/90 23:00	0	-21.619	0	26	1.9999
20/04/90 00:00	0	-21.619	0	26	1.9999
20/04/90 01:00	0	-21.619	0	26	1.9999
20/04/90 02:00	0	-21.619	0	26	1.9999
20/04/90 03:00	0	-21.619	0	26	3.0001
20/04/90 04:00	0	-21.619	0	26	3.0001
20/04/90 05:00	0	-21.619	0	26	3.0001
20/04/90 06:00	821.74	777.98	49.001	26	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
20/04/90 07:00	5035.2	4912.8	257	26	3.0001
20/04/90 08:00	10076	9783.7	487.01	26	3.0001
20/04/90 09:00	14204	13704	689.99	26	3.0001
20/04/90 10:00	17493	16776	861	26	3.0001
20/04/90 11:00	19572	18700	989	26	3.0001
20/04/90 12:00	19620	18741	1022	26	3.0001
20/04/90 13:00	19440	18580	977	26	1.9999
20/04/90 14:00	17406	16696	859	26	1.9999
20/04/90 15:00	13780	13304	669.99	26	1.9999
20/04/90 16:00	8938.5	8691.9	434.01	26	3.0001
20/04/90 17:00	2643.4	2570.4	140	26	3.0001
20/04/90 18:00	462.64	423.82	27	26	3.0001
20/04/90 19:00	0	-21.619	0	26	3.0001
20/04/90 20:00	0	-21.619	0	26	3.9998
20/04/90 21:00	0	-21.619	0	25	5
20/04/90 22:00	0	-21.619	0	25	3.9998
20/04/90 23:00	0	-21.619	0	26	3.9998
21/04/90 00:00	0	-21.619	0	26	3.0001
21/04/90 01:00	0	-21.619	0	26	3.0001
21/04/90 02:00	0	-21.619	0	26	1.9999
21/04/90 03:00	0	-21.619	0	26	1.9999
21/04/90 04:00	0	-21.619	0	26	3.0001
21/04/90 05:00	0	-21.619	0	26	1.9999
21/04/90 06:00	944	898.43	59.001	26	1.9999
21/04/90 07:00	5283.1	5154.2	271	26	3.0001
21/04/90 08:00	10545	10231	509.01	26	3.9998
21/04/90 09:00	14413	13901	698.99	26	3.9998
21/04/90 10:00	17932	17183	883	26	3.9998
21/04/90 11:00	19543	18672	979	25	3.9998
21/04/90 12:00	19612	18734	993	25	5
21/04/90 13:00	19475	18609	968	25	5
21/04/90 14:00	17546	16823	855	25	6.0002
21/04/90 15:00	13923	13438	669.99	25	6.0002
21/04/90 16:00	8219.9	7999.5	398.01	26	6.9999
21/04/90 17:00	3850	3755.5	201	26	6.0002
21/04/90 18:00	463.56	424.73	27	26	6.0002
21/04/90 19:00	0	-21.619	0	26	6.0002
21/04/90 20:00	0	-21.619	0	26	6.0002
21/04/90 21:00	0	-21.619	0	26	5
21/04/90 22:00	0	-21.619	0	27	5
21/04/90 23:00	0	-21.619	0	27	3.9998
22/04/90 00:00	0	-21.619	0	27	5
22/04/90 01:00	0	-21.619	0	27	6.9999
22/04/90 02:00	0	-21.619	0	26	8.9997
22/04/90 03:00	0	-21.619	0	26	8.9997
22/04/90 04:00	0	-21.619	0	26	8.9997
22/04/90 05:00	0	-21.619	0	26	8.0001
22/04/90 06:00	862.76	818.28	53.001	25	8.0001
22/04/90 07:00	5301.6	5172.3	270	26	8.9997
22/04/90 08:00	10525	10212	505.01	26	8.9997
22/04/90 09:00	14542	14022	698.99	26	10
22/04/90 10:00	18102	17338	880	26	10
22/04/90 11:00	19393	18533	951	26	11
22/04/90 12:00	19631	18751	1022	26	11
22/04/90 13:00	19608	18730	977	26	10
22/04/90 14:00	17694	16960	859	26	10
22/04/90 15:00	14125	13629	677.99	26	10
22/04/90 16:00	9478.6	9211.3	457.01	26	10
22/04/90 17:00	4077.4	3978.1	213	26	8.9997
22/04/90 18:00	476.45	437.5	29	27	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
22/04/90 19:00	0	-21.619	0	27	8.9997
22/04/90 20:00	0	-21.619	0	27	8.0001
22/04/90 21:00	0	-21.619	0	27	8.0001
22/04/90 22:00	0	-21.619	0	27	8.0001
22/04/90 23:00	0	-21.619	0	27	8.9997
23/04/90 00:00	0	-21.619	0	27	10
23/04/90 01:00	0	-21.619	0	27	11
23/04/90 02:00	0	-21.619	0	26	11
23/04/90 03:00	0	-21.619	0	26	11
23/04/90 04:00	0	-21.619	0	26	11
23/04/90 05:00	0	-21.619	0	25	10
23/04/90 06:00	855.14	810.77	52.001	25	10
23/04/90 07:00	4999.9	4878.4	253	25	10
23/04/90 08:00	10395	10088	497.01	25	10
23/04/90 09:00	13625	13156	652.99	25	10
23/04/90 10:00	17876	17128	866	25	10
23/04/90 11:00	19614	18735	988	26	10
23/04/90 12:00	19623	18744	1008	26	10
23/04/90 13:00	19609	18731	979	26	8.9997
23/04/90 14:00	17742	17005	863	26	8.9997
23/04/90 15:00	14253	13749	685.99	26	8.9997
23/04/90 16:00	9695.2	9419.2	468.01	26	8.9997
23/04/90 17:00	4351.3	4245.6	231	26	8.0001
23/04/90 18:00	569.96	529.72	35.001	26	8.0001
23/04/90 19:00	0	-21.619	0	26	8.0001
23/04/90 20:00	0	-21.619	0	26	8.9997
23/04/90 21:00	0	-21.619	0	26	8.9997
23/04/90 22:00	0	-21.619	0	26	10
23/04/90 23:00	0	-21.619	0	26	10
24/04/90 00:00	0	-21.619	0	26	10
24/04/90 01:00	0	-21.619	0	26	10
24/04/90 02:00	0	-21.619	0	25	10
24/04/90 03:00	0	-21.619	0	25	10
24/04/90 04:00	0	-21.619	0	25	10
24/04/90 05:00	0	-21.619	0	25	8.9997
24/04/90 06:00	828.26	784.29	50.001	25	8.9997
24/04/90 07:00	4822.8	4705.7	243	25	8.9997
24/04/90 08:00	10262	9960.8	491.01	25	8.9997
24/04/90 09:00	14819	14281	714	26	8.9997
24/04/90 10:00	18085	17323	879	26	10
24/04/90 11:00	19574	18700	969	26	10
24/04/90 12:00	18430	17643	901	26	10
24/04/90 13:00	19251	18403	947	26	8.9997
24/04/90 14:00	17623	16895	857	26	8.9997
24/04/90 15:00	14190	13690	682.99	26	8.9997
24/04/90 16:00	9615.5	9342.7	464.01	26	8.9997
24/04/90 17:00	4278.9	4175	226	26	8.9997
24/04/90 18:00	553.92	513.89	34.001	26	8.9997
24/04/90 19:00	0	-21.619	0	27	8.9997
24/04/90 20:00	0	-21.619	0	27	8.0001
24/04/90 21:00	0	-21.619	0	27	8.0001
24/04/90 22:00	0	-21.619	0	27	6.9999
24/04/90 23:00	0	-21.619	0	27	6.9999
25/04/90 00:00	0	-21.619	0	27	6.9999
25/04/90 01:00	0	-21.619	0	26	6.9999
25/04/90 02:00	0	-21.619	0	26	8.0001
25/04/90 03:00	0	-21.619	0	26	8.0001
25/04/90 04:00	0	-21.619	0	26	8.9997
25/04/90 05:00	0	-21.619	0	26	8.0001
25/04/90 06:00	854.95	810.68	50.001	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
25/04/90 07:00	4877.2	4758.8	246	26	8.0001
25/04/90 08:00	9880.3	9596.3	475.01	26	8.0001
25/04/90 09:00	12651	12234	608.99	26	8.0001
25/04/90 10:00	17589	16863	854	26	8.9997
25/04/90 11:00	7848.4	7640.9	380.01	26	8.9997
25/04/90 12:00	15515	14931	752	26	8.9997
25/04/90 13:00	15631	15040	758	26	8.9997
25/04/90 14:00	14681	14152	710	26	8.9997
25/04/90 15:00	12579	12165	604.99	26	8.9997
25/04/90 16:00	8877	8632.7	430.01	27	8.9997
25/04/90 17:00	4191	4089	221	27	8.9997
25/04/90 18:00	540.54	500.75	35.001	27	8.9997
25/04/90 19:00	0	-21.619	0	27	8.9997
25/04/90 20:00	0	-21.619	0	27	8.9997
25/04/90 21:00	0	-21.619	0	27	8.0001
25/04/90 22:00	0	-21.619	0	27	8.0001
25/04/90 23:00	0	-21.619	0	27	8.0001
26/04/90 00:00	0	-21.619	0	27	6.9999
26/04/90 01:00	0	-21.619	0	26	6.9999
26/04/90 02:00	0	-21.619	0	26	6.9999
26/04/90 03:00	0	-21.619	0	26	6.0002
26/04/90 04:00	0	-21.619	0	26	6.0002
26/04/90 05:00	0	-21.619	1	26	5
26/04/90 06:00	1067.5	1020.1	65.001	26	6.0002
26/04/90 07:00	5268	5139.5	267	26	6.9999
26/04/90 08:00	8976.1	8728.1	432.01	26	6.9999
26/04/90 09:00	7092.2	6910	346.01	26	6.9999
26/04/90 10:00	11400	11046	557.99	27	6.9999
26/04/90 11:00	19010	18181	940	27	6.9999
26/04/90 12:00	15438	14860	753	27	6.9999
26/04/90 13:00	13982	13494	683.99	27	6.9999
26/04/90 14:00	10872	10543	531.99	27	6.9999
26/04/90 15:00	13119	12677	634.99	27	6.9999
26/04/90 16:00	7975.2	7763.4	388.01	27	6.9999
26/04/90 17:00	2888.2	2811.3	151	27	6.9999
26/04/90 18:00	482.22	443.19	28	27	6.9999
26/04/90 19:00	0	-21.619	0	27	6.9999
26/04/90 20:00	0	-21.619	0	27	6.9999
26/04/90 21:00	0	-21.619	0	27	6.0002
26/04/90 22:00	0	-21.619	0	27	6.0002
26/04/90 23:00	0	-21.619	0	27	5
27/04/90 00:00	0	-21.619	0	27	5
27/04/90 01:00	0	-21.619	0	27	5
27/04/90 02:00	0	-21.619	0	27	5
27/04/90 03:00	0	-21.619	0	27	6.0002
27/04/90 04:00	0	-21.619	0	27	6.0002
27/04/90 05:00	0	-21.619	1	27	6.0002
27/04/90 06:00	1011.3	964.81	59.001	27	6.0002
27/04/90 07:00	5530.8	5395.3	281	27	6.0002
27/04/90 08:00	10720	10398	516.99	27	6.0002
27/04/90 09:00	14838	14299	720	27	6.0002
27/04/90 10:00	15065	14512	735	27	6.0002
27/04/90 11:00	17696	16964	871	27	6.0002
27/04/90 12:00	19617	18738	1004	27	6.0002
27/04/90 13:00	19352	18498	962	27	6.0002
27/04/90 14:00	17415	16703	853	27	6.0002
27/04/90 15:00	13644	13174	659.99	27	6.0002
27/04/90 16:00	9517.4	9248.6	462.01	27	5
27/04/90 17:00	4212.4	4109.9	221	27	5
27/04/90 18:00	551.78	511.84	34.001	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
27/04/90 19:00	0	-21.619	0	27	5
27/04/90 20:00	0	-21.619	0	27	5
27/04/90 21:00	0	-21.619	0	27	5
27/04/90 22:00	0	-21.619	0	27	3.9998
27/04/90 23:00	0	-21.619	0	27	3.0001
28/04/90 00:00	0	-21.619	0	27	3.0001
28/04/90 01:00	0	-21.619	0	26	3.0001
28/04/90 02:00	0	-21.619	0	26	3.9998
28/04/90 03:00	0	-21.619	0	26	5
28/04/90 04:00	0	-21.619	0	26	6.0002
28/04/90 05:00	0	-21.619	1	27	6.0002
28/04/90 06:00	1039.6	992.71	64.001	27	6.9999
28/04/90 07:00	5688.9	5549.1	290	27	6.9999
28/04/90 08:00	10919	10587	525.99	27	6.9999
28/04/90 09:00	15089	14534	732	27	6.9999
28/04/90 10:00	18011	17256	884	27	6.9999
28/04/90 11:00	19611	18733	992	27	6.0002
28/04/90 12:00	19620	18741	1011	27	6.0002
28/04/90 13:00	19463	18600	968	27	6.0002
28/04/90 14:00	17517	16798	860	27	5
28/04/90 15:00	14133	13637	685.99	27	5
28/04/90 16:00	9456.8	9190.4	459.01	27	5
28/04/90 17:00	4094.6	3994.9	214	27	5
28/04/90 18:00	535.33	495.61	33.001	27	5
28/04/90 19:00	0	-21.619	0	27	5
28/04/90 20:00	0	-21.619	0	27	5
28/04/90 21:00	0	-21.619	0	27	5
28/04/90 22:00	0	-21.619	0	27	3.9998
28/04/90 23:00	0	-21.619	0	27	3.9998
29/04/90 00:00	0	-21.619	0	26	5
29/04/90 01:00	0	-21.619	0	26	5
29/04/90 02:00	0	-21.619	0	26	6.0002
29/04/90 03:00	0	-21.619	0	26	6.0002
29/04/90 04:00	0	-21.619	0	26	6.0002
29/04/90 05:00	0	-21.619	0	26	6.0002
29/04/90 06:00	1049	1001.9	67.001	27	6.0002
29/04/90 07:00	5684.5	5544.8	290	27	5
29/04/90 08:00	10908	10577	525.99	27	6.0002
29/04/90 09:00	15122	14566	735	27	6.0002
29/04/90 10:00	18188	17421	895	27	6.0002
29/04/90 11:00	19528	18659	975	27	6.0002
29/04/90 12:00	19558	18686	978	27	6.0002
29/04/90 13:00	19309	18458	960	27	6.0002
29/04/90 14:00	17555	16833	860	27	6.0002
29/04/90 15:00	14160	13662	685.99	27	6.0002
29/04/90 16:00	9673.1	9397.9	469.01	27	6.0002
29/04/90 17:00	4251.8	4148.5	224	27	6.0002
29/04/90 18:00	547.38	507.5	35.001	27	5
29/04/90 19:00	0	-21.619	0	27	5
29/04/90 20:00	0	-21.619	0	27	3.9998
29/04/90 21:00	0	-21.619	0	27	3.9998
29/04/90 22:00	0	-21.619	0	27	5
29/04/90 23:00	0	-21.619	0	27	5
30/04/90 00:00	0	-21.619	0	26	5
30/04/90 01:00	0	-21.619	0	26	6.0002
30/04/90 02:00	0	-21.619	0	26	6.0002
30/04/90 03:00	0	-21.619	0	26	6.0002
30/04/90 04:00	0	-21.619	0	26	6.0002
30/04/90 05:00	0	-21.619	1	26	6.0002
30/04/90 06:00	1089	1041.2	66.001	26	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
30/04/90 07:00	5677.5	5538	287	26	6.9999
30/04/90 08:00	10955	10622	525.99	26	6.9999
30/04/90 09:00	15196	14633	735	26	6.9999
30/04/90 10:00	18320	17542	897	26	6.9999
30/04/90 11:00	19616	18737	994	26	6.9999
30/04/90 12:00	19627	18748	1018	26	6.9999
30/04/90 13:00	19503	18636	965	26	6.9999
30/04/90 14:00	17491	16773	854	26	6.0002
30/04/90 15:00	14035	13544	676.99	26	6.0002
30/04/90 16:00	9521.5	9252.6	462.01	27	5
30/04/90 17:00	4214.4	4111.9	220	27	5
30/04/90 18:00	564.53	524.42	34.001	27	5
30/04/90 19:00	0	-21.619	0	27	5
30/04/90 20:00	0	-21.619	0	27	5
30/04/90 21:00	0	-21.619	0	27	5
30/04/90 22:00	0	-21.619	0	27	3.9998
30/04/90 23:00	0	-21.619	0	27	3.9998
1/5/1990 0:00	0	-21.619	0	27	8.0001
1/5/1990 1:00	0	-21.619	0	27	8.0001
1/5/1990 2:00	0	-21.619	0	27	8.0001
1/5/1990 3:00	0	-21.619	0	27	6.9999
1/5/1990 4:00	0	-21.619	0	27	6.9999
1/5/1990 5:00	0	-21.619	1	27	6.9999
1/5/1990 6:00	868.76	824.39	47.001	27	6.9999
1/5/1990 7:00	5188.9	5062.5	256	27	8.0001
1/5/1990 8:00	9603	9330.9	456.01	27	8.9997
1/5/1990 9:00	14526	14007	690.99	27	8.9997
1/5/1990 10:00	17126	16434	820	27	8.9997
1/5/1990 11:00	16710	16047	805	28	8.9997
1/5/1990 12:00	18325	17547	888	28	8.9997
1/5/1990 13:00	18581	17784	902	28	8.0001
1/5/1990 14:00	16372	15732	786	28	8.0001
1/5/1990 15:00	12129	11739	577.99	28	8.0001
1/5/1990 16:00	8082	7866.5	387.01	28	8.0001
1/5/1990 17:00	3434.1	3347.8	173	28	6.9999
1/5/1990 18:00	444.99	406.49	25	28	6.0002
1/5/1990 19:00	0	-21.619	0	28	6.0002
1/5/1990 20:00	0	-21.619	0	28	6.0002
1/5/1990 21:00	0	-21.619	0	28	6.9999
1/5/1990 22:00	0	-21.619	0	28	6.9999
1/5/1990 23:00	0	-21.619	0	27	6.0002
2/5/1990 0:00	0	-21.619	0	25	5
2/5/1990 1:00	0	-21.619	0	24	5
2/5/1990 2:00	0	-21.619	0	25	6.0002
2/5/1990 3:00	0	-21.619	0	26	6.9999
2/5/1990 4:00	0	-21.619	0	26	8.0001
2/5/1990 5:00	0	-21.619	1	27	8.9997
2/5/1990 6:00	1055.3	1008.1	60.001	27	8.9997
2/5/1990 7:00	4842.5	4724.9	239	27	8.9997
2/5/1990 8:00	8411.1	8183.8	400.01	27	8.9997
2/5/1990 9:00	13032	12595	617.99	26	8.0001
2/5/1990 10:00	15390	14816	735	27	8.9997
2/5/1990 11:00	18608	17810	902	28	8.9997
2/5/1990 12:00	19612	18734	973	28	8.0001
2/5/1990 13:00	17752	17016	859	28	8.0001
2/5/1990 14:00	15317	14748	735	28	6.9999
2/5/1990 15:00	12604	12190	600.99	28	6.9999
2/5/1990 16:00	7696	7493.7	369.01	28	6.9999
2/5/1990 17:00	2317.8	2250.2	116	28	8.0001
2/5/1990 18:00	382.81	345.08	21	28	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
2/5/1990 19:00	0	-21.619	0	28	6.0002
2/5/1990 20:00	0	-21.619	0	28	6.0002
2/5/1990 21:00	0	-21.619	0	28	6.9999
2/5/1990 22:00	0	-21.619	0	28	6.9999
2/5/1990 23:00	0	-21.619	0	27	8.0001
3/5/1990 0:00	0	-21.619	0	27	6.9999
3/5/1990 1:00	0	-21.619	0	27	6.9999
3/5/1990 2:00	0	-21.619	0	27	6.9999
3/5/1990 3:00	0	-21.619	0	27	6.0002
3/5/1990 4:00	0	-21.619	0	26	5
3/5/1990 5:00	0	-21.619	1	27	3.9998
3/5/1990 6:00	932.28	886.97	52.001	27	5
3/5/1990 7:00	5596.8	5459.6	277	27	6.0002
3/5/1990 8:00	10370	10064	493.01	27	3.9998
3/5/1990 9:00	14160	13662	676.99	27	5
3/5/1990 10:00	14688	14160	709	28	6.0002
3/5/1990 11:00	12030	11645	582.99	28	6.0002
3/5/1990 12:00	12054	11668	579.99	28	6.0002
3/5/1990 13:00	17548	16827	851	28	6.0002
3/5/1990 14:00	4571.1	4460.2	223	28	6.0002
3/5/1990 15:00	5091.5	4967.6	249	28	6.0002
3/5/1990 16:00	8257.2	8035.5	396.01	28	6.0002
3/5/1990 17:00	3759	3666.7	190	28	6.0002
3/5/1990 18:00	521.16	481.68	29	28	6.0002
3/5/1990 19:00	0	-21.619	0	28	6.0002
3/5/1990 20:00	0	-21.619	0	28	6.9999
3/5/1990 21:00	0	-21.619	0	27	6.9999
3/5/1990 22:00	0	-21.619	0	27	6.9999
3/5/1990 23:00	0	-21.619	0	27	6.9999
4/5/1990 0:00	0	-21.619	0	27	6.0002
4/5/1990 1:00	0	-21.619	0	27	6.0002
4/5/1990 2:00	0	-21.619	0	27	6.0002
4/5/1990 3:00	0	-21.619	0	26	6.0002
4/5/1990 4:00	0	-21.619	0	27	6.9999
4/5/1990 5:00	0	-21.619	0	27	6.0002
4/5/1990 6:00	700.13	658.18	38.001	27	5
4/5/1990 7:00	5583.7	5446.9	276	27	6.0002
4/5/1990 8:00	10894	10564	514.99	27	8.0001
4/5/1990 9:00	13277	12827	630.99	27	8.0001
4/5/1990 10:00	16203	15575	778	28	8.0001
4/5/1990 11:00	19611	18732	971	28	6.9999
4/5/1990 12:00	19626	18746	1001	28	6.9999
4/5/1990 13:00	18654	17853	907	28	6.9999
4/5/1990 14:00	16420	15778	788	28	6.9999
4/5/1990 15:00	13085	12645	623.99	28	6.9999
4/5/1990 16:00	8301.6	8078.3	397.01	28	6.0002
4/5/1990 17:00	4200.6	4098.6	215	28	6.0002
4/5/1990 18:00	527.91	488.34	31	28	6.0002
4/5/1990 19:00	0	-21.619	0	28	6.0002
4/5/1990 20:00	0	-21.619	0	28	6.9999
4/5/1990 21:00	0	-21.619	0	28	6.9999
4/5/1990 22:00	0	-21.619	0	28	6.9999
4/5/1990 23:00	0	-21.619	0	27	6.9999
5/5/1990 0:00	0	-21.619	0	27	6.9999
5/5/1990 1:00	0	-21.619	0	27	6.9999
5/5/1990 2:00	0	-21.619	0	27	6.9999
5/5/1990 3:00	0	-21.619	0	27	6.9999
5/5/1990 4:00	0	-21.619	0	27	6.9999
5/5/1990 5:00	0	-21.619	1	27	6.0002
5/5/1990 6:00	1175.6	1126.6	69.001	27	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
5/5/1990 7:00	5089.1	4965.3	251	27	6.9999
5/5/1990 8:00	10546	10232	500.01	27	6.9999
5/5/1990 9:00	11468	11110	547.99	27	6.9999
5/5/1990 10:00	14287	13782	682.99	27	6.9999
5/5/1990 11:00	13502	13041	650.99	28	6.0002
5/5/1990 12:00	16275	15643	785	28	6.9999
5/5/1990 13:00	15102	14547	726	28	6.9999
5/5/1990 14:00	15404	14829	739	28	6.9999
5/5/1990 15:00	12798	12374	609.99	28	6.9999
5/5/1990 16:00	8785.8	8544.9	420.01	28	6.0002
5/5/1990 17:00	4040.4	3942	207	28	6.0002
5/5/1990 18:00	576.17	535.97	34.001	28	6.0002
5/5/1990 19:00	0	-21.619	0	27	6.0002
5/5/1990 20:00	0	-21.619	0	27	6.0002
5/5/1990 21:00	0	-21.619	0	28	6.9999
5/5/1990 22:00	0	-21.619	0	28	6.9999
5/5/1990 23:00	0	-21.619	0	28	6.9999
6/5/1990 0:00	0	-21.619	0	27	6.9999
6/5/1990 1:00	0	-21.619	0	27	6.9999
6/5/1990 2:00	0	-21.619	0	27	6.9999
6/5/1990 3:00	0	-21.619	0	27	6.0002
6/5/1990 4:00	0	-21.619	0	27	6.0002
6/5/1990 5:00	0	-21.619	1	27	6.0002
6/5/1990 6:00	1250	1199.8	74.001	27	6.0002
6/5/1990 7:00	5878.6	5733.4	291	27	6.9999
6/5/1990 8:00	11092	10753	523.99	27	8.0001
6/5/1990 9:00	14810	14274	706	28	8.0001
6/5/1990 10:00	17433	16720	838	28	8.0001
6/5/1990 11:00	15789	15189	761	28	6.9999
6/5/1990 12:00	15669	15077	758	28	6.9999
6/5/1990 13:00	15741	15144	758	28	6.9999
6/5/1990 14:00	17045	16359	819	28	6.9999
6/5/1990 15:00	11848	11472	563.99	28	6.9999
6/5/1990 16:00	8539.6	8307.7	409.01	28	6.9999
6/5/1990 17:00	2971.1	2893	149	28	6.9999
6/5/1990 18:00	485.39	446.33	27	27	6.9999
6/5/1990 19:00	0	-21.619	0	28	6.9999
6/5/1990 20:00	0	-21.619	0	27	6.9999
6/5/1990 21:00	0	-21.619	0	28	6.9999
6/5/1990 22:00	0	-21.619	0	28	6.9999
6/5/1990 23:00	0	-21.619	0	27	6.9999
7/5/1990 0:00	0	-21.619	0	27	6.9999
7/5/1990 1:00	0	-21.619	0	27	6.9999
7/5/1990 2:00	0	-21.619	0	27	6.9999
7/5/1990 3:00	0	-21.619	0	27	6.9999
7/5/1990 4:00	0	-21.619	0	27	6.9999
7/5/1990 5:00	0	-21.619	0	27	6.0002
7/5/1990 6:00	748.73	706.09	40.001	27	6.9999
7/5/1990 7:00	5200.8	5074.1	256	27	6.9999
7/5/1990 8:00	10180	9882.8	482.01	27	8.0001
7/5/1990 9:00	14314	13808	681.99	28	8.0001
7/5/1990 10:00	15715	15120	754	28	8.0001
7/5/1990 11:00	15107	14551	729	28	8.0001
7/5/1990 12:00	11112	10772	536.99	28	8.0001
7/5/1990 13:00	14527	14008	699.99	28	8.0001
7/5/1990 14:00	12906	12477	618.99	28	8.0001
7/5/1990 15:00	12650	12234	601.99	28	8.0001
7/5/1990 16:00	8902.5	8657.3	425.01	28	6.9999
7/5/1990 17:00	4323.1	4218.2	222	28	6.9999
7/5/1990 18:00	612.83	572.14	37.001	28	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
7/5/1990 19:00	0	-21.619	0	28	6.9999
7/5/1990 20:00	0	-21.619	0	28	6.9999
7/5/1990 21:00	0	-21.619	0	28	6.9999
7/5/1990 22:00	0	-21.619	0	28	6.0002
7/5/1990 23:00	0	-21.619	0	27	6.0002
8/5/1990 0:00	0	-21.619	0	27	6.0002
8/5/1990 1:00	0	-21.619	0	27	6.0002
8/5/1990 2:00	0	-21.619	0	27	6.0002
8/5/1990 3:00	0	-21.619	0	27	6.0002
8/5/1990 4:00	0	-21.619	0	26	6.0002
8/5/1990 5:00	0	-21.619	2	26	5
8/5/1990 6:00	1305.1	1253.9	79.001	26	3.9998
8/5/1990 7:00	5995.1	5846.6	296	26	3.9998
8/5/1990 8:00	8639.3	8403.8	410.01	27	5
8/5/1990 9:00	8545.7	8313.6	411.01	27	6.0002
8/5/1990 10:00	12309	11909	589.99	27	6.0002
8/5/1990 11:00	16729	16065	806	27	6.0002
8/5/1990 12:00	19629	18750	1007	28	6.9999
8/5/1990 13:00	15528	14945	747	28	6.9999
8/5/1990 14:00	14026	13536	670.99	28	6.9999
8/5/1990 15:00	14071	13578	669.99	28	6.9999
8/5/1990 16:00	9794.3	9513.9	467.01	28	6.9999
8/5/1990 17:00	4605.1	4493.3	237	28	6.0002
8/5/1990 18:00	604.27	563.69	36.001	28	6.0002
8/5/1990 19:00	0	-21.619	0	28	6.0002
8/5/1990 20:00	0	-21.619	0	28	6.9999
8/5/1990 21:00	0	-21.619	0	28	6.9999
8/5/1990 22:00	0	-21.619	0	28	6.0002
8/5/1990 23:00	0	-21.619	0	27	6.0002
9/5/1990 0:00	0	-21.619	0	27	6.0002
9/5/1990 1:00	0	-21.619	0	27	6.0002
9/5/1990 2:00	0	-21.619	0	27	5
9/5/1990 3:00	0	-21.619	0	27	5
9/5/1990 4:00	0	-21.619	0	27	6.0002
9/5/1990 5:00	0	-21.619	2	27	5
9/5/1990 6:00	1329.6	1277.9	78.001	26	5
9/5/1990 7:00	5675.3	5535.8	280	27	5
9/5/1990 8:00	9754.2	9475.6	463.01	27	5
9/5/1990 9:00	14602	14078	696.99	27	5
9/5/1990 10:00	18042	17285	870	27	6.0002
9/5/1990 11:00	15073	14520	726	28	6.0002
9/5/1990 12:00	17941	17192	872	28	6.0002
9/5/1990 13:00	12928	12497	621.99	28	6.9999
9/5/1990 14:00	11414	11059	550.99	28	6.0002
9/5/1990 15:00	12535	12124	597.99	28	6.0002
9/5/1990 16:00	8351.9	8126.8	399.01	28	6.0002
9/5/1990 17:00	4498.3	4389.1	231	28	6.0002
9/5/1990 18:00	656.41	615.13	41.001	28	6.0002
9/5/1990 19:00	0	-21.619	0	28	6.0002
9/5/1990 20:00	0	-21.619	0	28	6.0002
9/5/1990 21:00	0	-21.619	0	28	6.0002
9/5/1990 22:00	0	-21.619	0	28	5
9/5/1990 23:00	0	-21.619	0	28	5
10/5/1990 0:00	0	-21.619	0	27	5
10/5/1990 1:00	0	-21.619	0	27	5
10/5/1990 2:00	0	-21.619	0	27	5
10/5/1990 3:00	0	-21.619	0	27	6.0002
10/5/1990 4:00	0	-21.619	0	27	6.0002
10/5/1990 5:00	0	-21.619	2	27	5
10/5/1990 6:00	1406.7	1353.9	82.001	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
10/5/1990 7:00	4473.3	4364.7	220	27	6.0002
10/5/1990 8:00	7595.6	7396.8	362.01	27	6.0002
10/5/1990 9:00	9511.3	9242.7	457.01	27	6.0002
10/5/1990 10:00	10439	10130	503.01	27	6.0002
10/5/1990 11:00	12570	12157	598.99	27	6.0002
10/5/1990 12:00	18128	17365	879	27	6.0002
10/5/1990 13:00	15844	15240	763	27	6.0002
10/5/1990 14:00	11269	10921	538.99	27	6.0002
10/5/1990 15:00	12633	12217	602.99	28	6.0002
10/5/1990 16:00	7120.6	6937.5	343.01	28	5
10/5/1990 17:00	3685.8	3594.9	187	28	5
10/5/1990 18:00	617.16	576.42	37.001	28	5
10/5/1990 19:00	0	-21.619	0	27	6.0002
10/5/1990 20:00	0	-21.619	0	27	6.0002
10/5/1990 21:00	0	-21.619	0	27	5
10/5/1990 22:00	0	-21.619	0	27	5
10/5/1990 23:00	0	-21.619	0	27	5
11/5/1990 0:00	0	-21.619	0	27	5
11/5/1990 1:00	0	-21.619	0	27	5
11/5/1990 2:00	0	-21.619	0	27	3.9998
11/5/1990 3:00	0	-21.619	0	27	3.9998
11/5/1990 4:00	0	-21.619	0	27	5
11/5/1990 5:00	0	-21.619	1	27	3.9998
11/5/1990 6:00	1302.8	1251.7	75.001	27	5
11/5/1990 7:00	5580.1	5443.3	275	27	6.0002
11/5/1990 8:00	9423.6	9158.5	447.01	27	6.0002
11/5/1990 9:00	14100	13605	671.99	27	6.0002
11/5/1990 10:00	10654	10335	512.99	27	6.0002
11/5/1990 11:00	13683	13211	657.99	27	6.0002
11/5/1990 12:00	16501	15854	798	28	6.0002
11/5/1990 13:00	18632	17832	907	28	6.0002
11/5/1990 14:00	17421	16709	840	28	6.0002
11/5/1990 15:00	14102	13608	672.99	28	6.0002
11/5/1990 16:00	9577.3	9305.9	457.01	28	6.0002
11/5/1990 17:00	4400.5	4293.8	225	28	5
11/5/1990 18:00	616.3	575.57	36.001	28	6.0002
11/5/1990 19:00	0	-21.619	0	28	6.0002
11/5/1990 20:00	0	-21.619	0	28	6.0002
11/5/1990 21:00	0	-21.619	0	28	6.0002
11/5/1990 22:00	0	-21.619	0	28	6.0002
11/5/1990 23:00	0	-21.619	0	28	5
12/5/1990 0:00	0	-21.619	0	27	5
12/5/1990 1:00	0	-21.619	0	27	5
12/5/1990 2:00	0	-21.619	0	27	3.9998
12/5/1990 3:00	0	-21.619	0	27	5
12/5/1990 4:00	0	-21.619	0	27	5
12/5/1990 5:00	0	-21.619	1	27	6.0002
12/5/1990 6:00	1162.6	1113.8	65.001	27	6.0002
12/5/1990 7:00	5999.1	5850.4	296	27	6.0002
12/5/1990 8:00	11071	10733	523.99	27	6.0002
12/5/1990 9:00	15146	14588	725	28	6.0002
12/5/1990 10:00	18203	17435	882	28	6.0002
12/5/1990 11:00	19614	18736	979	28	6.0002
12/5/1990 12:00	19627	18747	1005	28	6.0002
12/5/1990 13:00	19541	18673	959	28	6.0002
12/5/1990 14:00	17470	16755	844	28	5
12/5/1990 15:00	14038	13547	670.99	28	5
12/5/1990 16:00	9505.3	9236.9	454.01	28	5
12/5/1990 17:00	4300.9	4196.5	219	28	5
12/5/1990 18:00	604.1	563.53	35.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
12/5/1990 19:00	0	-21.619	0	28	5
12/5/1990 20:00	0	-21.619	0	28	5
12/5/1990 21:00	0	-21.619	0	28	3.9998
12/5/1990 22:00	0	-21.619	0	28	3.9998
12/5/1990 23:00	0	-21.619	0	28	3.0001
13/05/90 00:00	0	-21.619	0	27	3.0001
13/05/90 01:00	0	-21.619	0	27	3.0001
13/05/90 02:00	0	-21.619	0	27	3.0001
13/05/90 03:00	0	-21.619	0	27	3.9998
13/05/90 04:00	0	-21.619	0	27	3.9998
13/05/90 05:00	0	-21.619	1	27	3.9998
13/05/90 06:00	1194.3	1145	66.001	27	3.9998
13/05/90 07:00	5737.4	0	283	27	5
13/05/90 08:00	11013	0	521.99	27	5
13/05/90 09:00	15268	0	730	27	5
13/05/90 10:00	18193	0	885	28	5
13/05/90 11:00	19614	0	980	28	5
13/05/90 12:00	19628	0	1009	28	5
13/05/90 13:00	19561	0	962	28	5
13/05/90 14:00	17483	0	848	28	3.9998
13/05/90 15:00	14144	0	677.99	28	3.9998
13/05/90 16:00	9765.7	0	467.01	28	3.9998
13/05/90 17:00	4466	0	228	28	3.9998
13/05/90 18:00	615.01	0	36.001	28	3.9998
13/05/90 19:00	0	-21.619	0	28	3.9998
13/05/90 20:00	0	-21.619	0	28	3.9998
13/05/90 21:00	0	-21.619	0	28	3.9998
13/05/90 22:00	0	-21.619	0	28	3.9998
13/05/90 23:00	0	-21.619	0	28	3.0001
14/05/90 00:00	0	-21.619	0	28	3.0001
14/05/90 01:00	0	-21.619	0	27	3.0001
14/05/90 02:00	0	-21.619	0	27	1.9999
14/05/90 03:00	0	-21.619	0	27	1.0002
14/05/90 04:00	0	-21.619	0	27	1.9999
14/05/90 05:00	0	-21.619	1	27	1.9999
14/05/90 06:00	948.33	0	50.001	27	3.0001
14/05/90 07:00	4968.6	0	244	27	3.9998
14/05/90 08:00	11056	0	524.99	27	3.9998
14/05/90 09:00	15331	0	734	27	5
14/05/90 10:00	18327	0	889	27	5
14/05/90 11:00	19616	0	983	28	5
14/05/90 12:00	19627	0	1005	28	5
14/05/90 13:00	16832	0	816	28	5
14/05/90 14:00	17053	0	823	28	5
14/05/90 15:00	10907	0	523.99	28	3.9998
14/05/90 16:00	7582	0	364.01	28	3.9998
14/05/90 17:00	4330.1	0	221	28	3.9998
14/05/90 18:00	655.72	0	39.001	28	5
14/05/90 19:00	0	-21.619	0	28	5
14/05/90 20:00	0	-21.619	0	28	5
14/05/90 21:00	0	-21.619	0	28	3.9998
14/05/90 22:00	0	-21.619	0	28	3.9998
14/05/90 23:00	0	-21.619	0	28	3.9998
15/05/90 00:00	0	-21.619	0	28	3.0001
15/05/90 01:00	0	-21.619	0	27	3.0001
15/05/90 02:00	0	-21.619	0	27	1.9999
15/05/90 03:00	0	-21.619	0	27	1.9999
15/05/90 04:00	0	-21.619	0	27	3.0001
15/05/90 05:00	0	-21.619	1	27	3.0001
15/05/90 06:00	1431.2	0	82.001	27	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
15/05/90 07:00	6021.5	0	297	27	5
15/05/90 08:00	9953.4	0	472.01	27	6.0002
15/05/90 09:00	14820	0	707	27	6.0002
15/05/90 10:00	15640	0	753	28	6.0002
15/05/90 11:00	18079	0	879	28	6.0002
15/05/90 12:00	19218	0	939	28	6.0002
15/05/90 13:00	18586	0	904	28	6.0002
15/05/90 14:00	17374	0	839	28	6.0002
15/05/90 15:00	14146	0	675.99	28	5
15/05/90 16:00	9758.1	0	466.01	28	5
15/05/90 17:00	4515.9	0	232	28	3.9998
15/05/90 18:00	719.53	0	45.001	28	3.9998
15/05/90 19:00	0	-21.619	0	28	5
15/05/90 20:00	0	-21.619	0	28	5
15/05/90 21:00	0	-21.619	0	28	5
15/05/90 22:00	0	-21.619	0	28	5
15/05/90 23:00	0	-21.619	0	28	5
16/05/90 00:00	0	-21.619	0	28	5
16/05/90 01:00	0	-21.619	0	28	3.9998
16/05/90 02:00	0	-21.619	0	28	3.9998
16/05/90 03:00	0	-21.619	0	27	3.9998
16/05/90 04:00	0	-21.619	0	27	5
16/05/90 05:00	0	-21.619	2	27	5
16/05/90 06:00	944.98	0	52.001	27	6.0002
16/05/90 07:00	6005.5	0	296	27	6.0002
16/05/90 08:00	10617	0	504.01	28	6.0002
16/05/90 09:00	14869	0	711	28	6.0002
16/05/90 10:00	17953	0	869	28	6.0002
16/05/90 11:00	19617	0	982	28	6.0002
16/05/90 12:00	19631	0	1010	28	6.0002
16/05/90 13:00	19606	0	965	28	6.0002
16/05/90 14:00	17643	0	852	28	6.0002
16/05/90 15:00	14277	0	681.99	28	6.0002
16/05/90 16:00	9894.9	0	472.01	28	6.0002
16/05/90 17:00	4698.6	0	242	28	5
16/05/90 18:00	721.58	0	45.001	28	5
16/05/90 19:00	0	-21.619	0	28	5
16/05/90 20:00	0	-21.619	0	28	5
16/05/90 21:00	0	-21.619	0	28	5
16/05/90 22:00	0	-21.619	0	28	6.0002
16/05/90 23:00	0	-21.619	0	28	6.0002
17/05/90 00:00	0	-21.619	0	28	5
17/05/90 01:00	0	-21.619	0	28	5
17/05/90 02:00	0	-21.619	0	28	5
17/05/90 03:00	0	-21.619	0	28	5
17/05/90 04:00	0	-21.619	0	28	5
17/05/90 05:00	0	-21.619	2	28	5
17/05/90 06:00	1500.3	1446.1	87.001	28	3.9998
17/05/90 07:00	5430.3	5297.6	268	28	5
17/05/90 08:00	11022	10686	523.99	28	5
17/05/90 09:00	15221	14659	731	28	5
17/05/90 10:00	18293	17519	888	28	6.0002
17/05/90 11:00	19616	18737	982	28	5
17/05/90 12:00	19628	18748	1007	28	5
17/05/90 13:00	19547	18680	961	28	5
17/05/90 14:00	17525	16807	848	28	5
17/05/90 15:00	14170	13672	677.99	28	5
17/05/90 16:00	9791.2	9511	468.01	28	3.9998
17/05/90 17:00	4602.8	4491.2	236	28	3.9998
17/05/90 18:00	697.34	655.49	43.001	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
17/05/90 19:00	0	-21.619	0	28	3.9998
17/05/90 20:00	0	-21.619	0	28	3.9998
17/05/90 21:00	0	-21.619	0	28	3.9998
17/05/90 22:00	0	-21.619	0	28	5
17/05/90 23:00	0	-21.619	0	28	3.9998
18/05/90 00:00	0	-21.619	0	28	3.9998
18/05/90 01:00	0	-21.619	0	28	3.9998
18/05/90 02:00	0	-21.619	0	28	3.9998
18/05/90 03:00	0	-21.619	0	27	3.9998
18/05/90 04:00	0	-21.619	0	27	5
18/05/90 05:00	0	-21.619	2	27	3.9998
18/05/90 06:00	1221.2	1171.4	67.001	27	3.9998
18/05/90 07:00	4844.1	4726.4	238	27	5
18/05/90 08:00	11095	10755	525.99	27	5
18/05/90 09:00	15163	14605	727	28	5
18/05/90 10:00	18179	17413	883	28	5
18/05/90 11:00	16195	15569	785	28	3.9998
18/05/90 12:00	16171	15546	784	28	3.9998
18/05/90 13:00	14618	14095	703	28	3.9998
18/05/90 14:00	16512	15864	797	28	3.9998
18/05/90 15:00	13027	12592	622.99	28	3.9998
18/05/90 16:00	8947.7	8700.9	429.01	28	3.0001
18/05/90 17:00	2758.8	2684.4	138	28	3.0001
18/05/90 18:00	266.3	229.97	15	28	3.0001
18/05/90 19:00	0	-21.619	0	28	3.9998
18/05/90 20:00	0	-21.619	0	28	3.9998
18/05/90 21:00	0	-21.619	0	28	3.9998
18/05/90 22:00	0	-21.619	0	28	3.9998
18/05/90 23:00	0	-21.619	0	28	3.9998
19/05/90 00:00	0	-21.619	0	28	3.9998
19/05/90 01:00	0	-21.619	0	28	3.0001
19/05/90 02:00	0	-21.619	0	28	3.0001
19/05/90 03:00	0	-21.619	0	28	3.9998
19/05/90 04:00	0	-21.619	0	27	5
19/05/90 05:00	0	-21.619	0	27	3.9998
19/05/90 06:00	1125.9	1077.6	62.001	27	5
19/05/90 07:00	4184.7	4082.9	205	27	5
19/05/90 08:00	7851.1	7643.6	376.01	27	5
19/05/90 09:00	9577.9	9306.7	462.01	28	5
19/05/90 10:00	8914.6	8669	432.01	28	3.9998
19/05/90 11:00	14602	14079	709	28	3.9998
19/05/90 12:00	12268	11871	594.99	28	5
19/05/90 13:00	13492	13032	647.99	28	3.9998
19/05/90 14:00	16809	16141	812	28	3.9998
19/05/90 15:00	14006	13518	671.99	28	3.0001
19/05/90 16:00	9408.8	9144.5	450.01	28	3.0001
19/05/90 17:00	4551.1	4440.8	233	28	3.0001
19/05/90 18:00	759.31	716.6	47.001	28	1.9999
19/05/90 19:00	0	-21.619	0	28	1.9999
19/05/90 20:00	0	-21.619	0	28	1.9999
19/05/90 21:00	0	-21.619	0	28	1.9999
19/05/90 22:00	0	-21.619	0	28	3.0001
19/05/90 23:00	0	-21.619	0	28	3.0001
20/05/90 00:00	0	-21.619	0	28	3.0001
20/05/90 01:00	0	-21.619	0	28	3.0001
20/05/90 02:00	0	-21.619	0	28	3.0001
20/05/90 03:00	0	-21.619	0	28	3.0001
20/05/90 04:00	0	-21.619	0	27	3.9998
20/05/90 05:00	0	-21.619	0	28	3.9998
20/05/90 06:00	575.37	535.12	31	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
20/05/90 07:00	3308	3223.9	163	27	3.9998
20/05/90 08:00	7440.7	7247	357.01	27	3.9998
20/05/90 09:00	7940.2	7729.6	385.01	27	3.9998
20/05/90 10:00	8288.8	8066	405.01	28	3.9998
20/05/90 11:00	6717.4	6547.1	330.01	28	3.9998
20/05/90 12:00	12864	12437	620.99	28	3.9998
20/05/90 13:00	12487	12080	597.99	28	3.9998
20/05/90 14:00	6474.1	6311.3	317	28	3.9998
20/05/90 15:00	9569.2	9298.4	461.01	28	5
20/05/90 16:00	3920.3	3824.9	193	28	3.9998
20/05/90 17:00	1882.1	1821.3	94.001	28	3.9998
20/05/90 18:00	226.89	191	13	28	3.0001
20/05/90 19:00	0	-21.619	0	28	3.9998
20/05/90 20:00	0	-21.619	0	28	3.9998
20/05/90 21:00	0	-21.619	0	28	3.9998
20/05/90 22:00	0	-21.619	0	28	3.9998
20/05/90 23:00	0	-21.619	0	28	3.9998
21/05/90 00:00	0	-21.619	0	28	5
21/05/90 01:00	0	-21.619	0	26	6.9999
21/05/90 02:00	0	-21.619	0	27	8.0001
21/05/90 03:00	0	-21.619	0	26	8.0001
21/05/90 04:00	0	-21.619	0	26	8.0001
21/05/90 05:00	0	-21.619	1	27	6.9999
21/05/90 06:00	1361.5	1309.5	79.001	27	6.9999
21/05/90 07:00	5535.1	5399.6	272	27	6.9999
21/05/90 08:00	11158	10815	528.99	28	6.9999
21/05/90 09:00	15256	14691	730	28	6.9999
21/05/90 10:00	18215	17446	881	27	6.0002
21/05/90 11:00	19610	18732	962	26	5
21/05/90 12:00	19631	18751	1002	26	6.0002
21/05/90 13:00	19558	18688	956	27	6.0002
21/05/90 14:00	17535	16815	844	27	6.0002
21/05/90 15:00	14147	13651	675.99	28	5
21/05/90 16:00	9828	9546.1	469.01	28	5
21/05/90 17:00	4766.6	4650.9	244	28	5
21/05/90 18:00	714.75	672.66	44.001	28	5
21/05/90 19:00	0	-21.619	0	28	5
21/05/90 20:00	0	-21.619	0	28	5
21/05/90 21:00	0	-21.619	0	28	5
21/05/90 22:00	0	-21.619	0	28	5
21/05/90 23:00	0	-21.619	0	28	5
22/05/90 00:00	0	-21.619	0	28	6.0002
22/05/90 01:00	0	-21.619	0	28	6.9999
22/05/90 02:00	0	-21.619	0	27	8.0001
22/05/90 03:00	0	-21.619	0	27	8.0001
22/05/90 04:00	0	-21.619	0	27	6.9999
22/05/90 05:00	0	-21.619	2	27	6.9999
22/05/90 06:00	1481.8	1427.7	85.001	27	6.9999
22/05/90 07:00	6105.4	5953.7	300	27	6.9999
22/05/90 08:00	10834	10507	512.01	27	6.9999
22/05/90 09:00	15149	14591	725	28	6.0002
22/05/90 10:00	18249	17477	881	27	6.9999
22/05/90 11:00	19603	18729	963	28	6.0002
22/05/90 12:00	14213	13712	685.99	28	6.0002
22/05/90 13:00	15226	14664	735	28	5
22/05/90 14:00	14705	14176	707	28	5
22/05/90 15:00	8262.4	8040.5	394.01	27	5
22/05/90 16:00	9356.1	9093.7	448.01	28	3.9998
22/05/90 17:00	2746.3	2672	138	28	3.9998
22/05/90 18:00	744.05	701.56	44.001	28	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
22/05/90 19:00	0	-21.619	0	27	3.9998
22/05/90 20:00	0	-21.619	0	27	3.9998
22/05/90 21:00	0	-21.619	0	27	3.9998
22/05/90 22:00	0	-21.619	0	27	5
22/05/90 23:00	0	-21.619	0	27	5
23/05/90 00:00	0	-21.619	0	26	5
23/05/90 01:00	0	-21.619	0	26	5
23/05/90 02:00	0	-21.619	0	26	3.9998
23/05/90 03:00	0	-21.619	0	26	3.9998
23/05/90 04:00	0	-21.619	0	26	6.0002
23/05/90 05:00	0	-21.619	2	26	5
23/05/90 06:00	1608.1	1551.7	97.001	26	5
23/05/90 07:00	6274.6	6117.9	309	27	5
23/05/90 08:00	9549.3	9279.1	453.01	27	5
23/05/90 09:00	12109	11720	578.99	27	6.0002
23/05/90 10:00	17586	16863	851	28	5
23/05/90 11:00	15939	15329	771	28	5
23/05/90 12:00	17305	16602	840	28	5
23/05/90 13:00	18464	17677	899	27	3.9998
23/05/90 14:00	15380	14807	739	27	3.0001
23/05/90 15:00	14279	13775	682.99	27	3.0001
23/05/90 16:00	9987.6	9699.1	477.01	27	1.9999
23/05/90 17:00	4756.4	4640.9	243	27	3.0001
23/05/90 18:00	731.92	689.43	46.001	26	3.9998
23/05/90 19:00	0	-21.619	0	26	3.0001
23/05/90 20:00	0	-21.619	0	26	1.9999
23/05/90 21:00	0	-21.619	0	27	1.9999
23/05/90 22:00	0	-21.619	0	27	1.9999
23/05/90 23:00	0	-21.619	0	27	3.0001
24/05/90 00:00	0	-21.619	0	27	1.9999
24/05/90 01:00	0	-21.619	0	27	1.9999
24/05/90 02:00	0	-21.619	0	26	1.9999
24/05/90 03:00	0	-21.619	0	26	3.0001
24/05/90 04:00	0	-21.619	0	26	5
24/05/90 05:00	0	-21.619	3	25	3.0001
24/05/90 06:00	1615.5	1559	101	26	3.0001
24/05/90 07:00	6360.3	6200.9	314	26	3.0001
24/05/90 08:00	11422	11067	537.99	25	5
24/05/90 09:00	11031	10695	524.99	26	1.9999
24/05/90 10:00	6215.3	6060.3	304	26	1.9999
24/05/90 11:00	7112.2	6929.3	348.01	27	1.9999
24/05/90 12:00	10607	10290	512.99	27	3.0001
24/05/90 13:00	8520.4	8289.2	415.01	27	5
24/05/90 14:00	5463.5	5329.9	269	26	6.0002
24/05/90 15:00	4243.3	4140.2	209	26	6.9999
24/05/90 16:00	3999.1	3901.5	196	27	6.0002
24/05/90 17:00	3056.2	2976.2	152	26	6.9999
24/05/90 18:00	741.71	699.08	43.001	26	6.0002
24/05/90 19:00	0	-21.619	0	27	5
24/05/90 20:00	0	-21.619	0	27	5
24/05/90 21:00	0	-21.619	0	27	5
24/05/90 22:00	0	-21.619	0	27	5
24/05/90 23:00	0	-21.619	0	27	5
25/05/90 00:00	0	-21.619	0	26	6.0002
25/05/90 01:00	0	-21.619	0	25	6.0002
25/05/90 02:00	0	-21.619	0	25	5
25/05/90 03:00	0	-21.619	0	25	6.0002
25/05/90 04:00	0	-21.619	0	25	6.9999
25/05/90 05:00	0	-21.619	2	26	6.9999
25/05/90 06:00	1548.5	1493.1	89.001	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
25/05/90 07:00	5595.2	5458	273	25	6.0002
25/05/90 08:00	11050	10713	520.99	26	6.9999
25/05/90 09:00	12153	11761	575.99	26	6.9999
25/05/90 10:00	16273	15640	782	27	6.0002
25/05/90 11:00	18779	17968	916	28	6.0002
25/05/90 12:00	19095	18261	930	28	6.9999
25/05/90 13:00	18848	18032	913	27	6.9999
25/05/90 14:00	17007	16323	813	26	6.0002
25/05/90 15:00	12939	12507	611.99	26	6.9999
25/05/90 16:00	9531	9261.4	451.01	26	6.9999
25/05/90 17:00	4551.3	4440.8	228	26	6.0002
25/05/90 18:00	702.74	660.67	40.001	26	6.0002
25/05/90 19:00	0	-21.619	0	26	6.0002
25/05/90 20:00	0	-21.619	0	26	6.0002
25/05/90 21:00	0	-21.619	0	27	6.0002
25/05/90 22:00	0	-21.619	0	27	5
25/05/90 23:00	0	-21.619	0	27	6.0002
26/05/90 00:00	0	-21.619	0	26	6.9999
26/05/90 01:00	0	-21.619	0	26	6.9999
26/05/90 02:00	0	-21.619	0	26	6.9999
26/05/90 03:00	0	-21.619	0	26	6.9999
26/05/90 04:00	0	-21.619	0	27	6.9999
26/05/90 05:00	0	-21.619	0	26	6.0002
26/05/90 06:00	881.43	836.69	46.001	25	5
26/05/90 07:00	1930.5	1868.2	96.001	25	5
26/05/90 08:00	1798.2	1738.3	91.001	25	6.0002
26/05/90 09:00	2454.7	2384.6	124	26	6.9999
26/05/90 10:00	2927.9	2850.3	148	27	8.9997
26/05/90 11:00	3251.5	3168.3	164	27	8.9997
26/05/90 12:00	3291	3207.1	166	27	8.0001
26/05/90 13:00	3209.5	3127.1	162	27	8.0001
26/05/90 14:00	2796.9	2721.8	142	28	6.9999
26/05/90 15:00	2321.3	2253.8	118	28	8.0001
26/05/90 16:00	2600.6	2528.7	130	28	6.9999
26/05/90 17:00	2004.3	1941.4	100	28	8.0001
26/05/90 18:00	207.21	171.53	12	28	8.0001
26/05/90 19:00	0	-21.619	0	28	8.9997
26/05/90 20:00	0	-21.619	0	28	8.9997
26/05/90 21:00	0	-21.619	0	28	8.9997
26/05/90 22:00	0	-21.619	0	28	8.9997
26/05/90 23:00	0	-21.619	0	28	8.9997
27/05/90 00:00	0	-21.619	0	28	8.9997
27/05/90 01:00	0	-21.619	0	28	8.9997
27/05/90 02:00	0	-21.619	0	28	8.9997
27/05/90 03:00	0	-21.619	0	28	8.0001
27/05/90 04:00	0	-21.619	0	28	8.0001
27/05/90 05:00	0	-21.619	0	28	6.9999
27/05/90 06:00	287.73	251.11	16	27	8.9997
27/05/90 07:00	2332.8	2265	116	28	8.9997
27/05/90 08:00	8108.9	7892.4	388.01	28	10
27/05/90 09:00	7602.3	7403.2	369.01	28	8.9997
27/05/90 10:00	7564.5	7366.8	369.01	28	8.9997
27/05/90 11:00	9462.1	9195.5	461.01	28	8.9997
27/05/90 12:00	11353	11001	551.99	28	8.9997
27/05/90 13:00	8824.5	8582.2	430.01	28	8.9997
27/05/90 14:00	10356	10050	499.01	28	8.0001
27/05/90 15:00	8012.8	7799.7	386.01	28	6.9999
27/05/90 16:00	3396.7	3311.2	168	28	6.0002
27/05/90 17:00	2208.6	2142.8	110	28	5
27/05/90 18:00	246.83	210.72	14	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
27/05/90 19:00	0	-21.619	0	28	5
27/05/90 20:00	0	-21.619	0	28	5
27/05/90 21:00	0	-21.619	0	28	5
27/05/90 22:00	0	-21.619	0	28	5
27/05/90 23:00	0	-21.619	0	28	5
28/05/90 00:00	0	-21.619	0	28	5
28/05/90 01:00	0	-21.619	0	28	5
28/05/90 02:00	0	-21.619	0	28	3.9998
28/05/90 03:00	0	-21.619	0	28	3.9998
28/05/90 04:00	0	-21.619	0	28	3.9998
28/05/90 05:00	0	-21.619	2	28	3.9998
28/05/90 06:00	1474.5	1420.7	84.001	28	5
28/05/90 07:00	6299.9	6142.4	311	28	5
28/05/90 08:00	11054	10717	525.99	28	3.9998
28/05/90 09:00	14636	14111	702	28	3.9998
28/05/90 10:00	17231	16533	833	28	5
28/05/90 11:00	16446	15803	798	28	3.9998
28/05/90 12:00	18549	17756	908	28	3.9998
28/05/90 13:00	17695	16964	859	28	5
28/05/90 14:00	12738	12318	612.99	28	5
28/05/90 15:00	11405	11051	546.99	28	5
28/05/90 16:00	8999.2	8750.3	430.01	28	5
28/05/90 17:00	4229.7	4127	212	28	5
28/05/90 18:00	616.01	575.28	34.001	28	5
28/05/90 19:00	0	-21.619	0	28	5
28/05/90 20:00	0	-21.619	0	28	5
28/05/90 21:00	0	-21.619	0	28	5
28/05/90 22:00	0	-21.619	0	28	5
28/05/90 23:00	0	-21.619	0	28	5
29/05/90 00:00	0	-21.619	0	28	5
29/05/90 01:00	0	-21.619	0	28	5
29/05/90 02:00	0	-21.619	0	27	5
29/05/90 03:00	0	-21.619	0	27	5
29/05/90 04:00	0	-21.619	0	27	5
29/05/90 05:00	0	-21.619	1	27	5
29/05/90 06:00	1420.6	1367.6	81.001	27	5
29/05/90 07:00	5749.2	5607.6	282	27	6.0002
29/05/90 08:00	10606	10290	502.01	27	6.0002
29/05/90 09:00	14852	14313	710	28	6.0002
29/05/90 10:00	17908	17162	866	28	6.0002
29/05/90 11:00	19609	18733	968	28	6.0002
29/05/90 12:00	18758	17950	916	28	5
29/05/90 13:00	19077	18245	934	28	5
29/05/90 14:00	17251	16552	835	28	3.9998
29/05/90 15:00	13725	13252	657.99	28	3.0001
29/05/90 16:00	8578.2	8345.1	412.01	28	3.0001
29/05/90 17:00	3639.3	3549.3	183	28	3.9998
29/05/90 18:00	817.7	774.16	48.001	28	3.9998
29/05/90 19:00	0	-21.619	0	28	3.9998
29/05/90 20:00	0	-21.619	0	28	3.9998
29/05/90 21:00	0	-21.619	0	28	3.9998
29/05/90 22:00	0	-21.619	0	28	3.9998
29/05/90 23:00	0	-21.619	0	28	3.9998
30/05/90 00:00	0	-21.619	0	27	5
30/05/90 01:00	0	-21.619	0	27	5
30/05/90 02:00	0	-21.619	0	27	3.9998
30/05/90 03:00	0	-21.619	0	27	5
30/05/90 04:00	0	-21.619	0	27	5
30/05/90 05:00	0	-21.619	2	27	3.9998
30/05/90 06:00	1413.2	1360.3	78.001	27	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
30/05/90 07:00	6057.4	5907	298	27	3.9998
30/05/90 08:00	11086	10747	525.99	27	3.9998
30/05/90 09:00	13729	13256	655.99	27	3.9998
30/05/90 10:00	15774	15176	761	28	3.9998
30/05/90 11:00	19454	18594	958	28	3.9998
30/05/90 12:00	18164	17400	885	28	5
30/05/90 13:00	18245	17474	888	28	5
30/05/90 14:00	16230	15602	783	28	3.9998
30/05/90 15:00	11988	11605	574.99	28	3.0001
30/05/90 16:00	7871.5	7663.3	378.01	28	3.0001
30/05/90 17:00	3559.5	3470.8	177	27	3.0001
30/05/90 18:00	778.67	735.69	43.001	28	3.0001
30/05/90 19:00	0	-21.619	0	28	3.9998
30/05/90 20:00	0	-21.619	0	28	3.9998
30/05/90 21:00	0	-21.619	0	28	5
30/05/90 22:00	0	-21.619	0	28	5
30/05/90 23:00	0	-21.619	0	28	5
31/05/90 00:00	0	-21.619	0	28	6.0002
31/05/90 01:00	0	-21.619	0	28	6.0002
31/05/90 02:00	0	-21.619	0	28	6.0002
31/05/90 03:00	0	-21.619	0	27	6.0002
31/05/90 04:00	0	-21.619	0	27	6.0002
31/05/90 05:00	0	-21.619	1	28	5
31/05/90 06:00	1159.8	1111.1	62.001	28	6.0002
31/05/90 07:00	5190.6	5064.1	255	28	5
31/05/90 08:00	10083	9790.5	480.01	28	5
31/05/90 09:00	14447	13934	691.99	28	5
31/05/90 10:00	16968	16288	819	28	5
31/05/90 11:00	18880	18063	923	28	5
31/05/90 12:00	19346	18493	946	28	6.0002
31/05/90 13:00	19113	18278	934	28	6.0002
31/05/90 14:00	15784	15185	757	28	6.9999
31/05/90 15:00	11580	11217	552.99	27	6.0002
31/05/90 16:00	8756.8	8516.9	417.01	27	5
31/05/90 17:00	4663.6	4550.5	235	28	5
31/05/90 18:00	888.54	843.97	52.001	28	5
31/05/90 19:00	0	-21.619	0	28	6.0002
31/05/90 20:00	0	-21.619	0	28	5
31/05/90 21:00	0	-21.619	0	28	5
31/05/90 22:00	0	-21.619	0	27	6.0002
31/05/90 23:00	0	-21.619	0	26	6.0002
1/6/1990 0:00	0	-21.619	0	27	6.0002
1/6/1990 1:00	0	-21.619	0	26	6.0002
1/6/1990 2:00	0	-21.619	0	27	6.9999
1/6/1990 3:00	0	-21.619	0	27	6.9999
1/6/1990 4:00	0	-21.619	0	27	6.9999
1/6/1990 5:00	0	-21.619	2	27	6.9999
1/6/1990 6:00	1490.9	1436.7	82.001	27	6.9999
1/6/1990 7:00	5702.4	5562.2	272	27	6.9999
1/6/1990 8:00	11330	10979	520.99	27	6.9999
1/6/1990 9:00	15338	14767	711	27	6.9999
1/6/1990 10:00	17427	16714	814	28	8.0001
1/6/1990 11:00	19445	18584	922	28	8.0001
1/6/1990 12:00	19232	18387	910	28	8.0001
1/6/1990 13:00	19348	18495	917	28	6.9999
1/6/1990 14:00	17082	16394	798	28	6.9999
1/6/1990 15:00	14555	14034	674.99	28	6.9999
1/6/1990 16:00	10382	10076	481.01	28	6.0002
1/6/1990 17:00	5225.1	5097.7	258	28	5
1/6/1990 18:00	937.16	891.86	55.001	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/6/1990 19:00	0	-21.619	1	28	5
1/6/1990 20:00	0	-21.619	0	28	6.0002
1/6/1990 21:00	0	-21.619	0	28	6.0002
1/6/1990 22:00	0	-21.619	0	28	6.0002
1/6/1990 23:00	0	-21.619	0	28	6.9999
2/6/1990 0:00	0	-21.619	0	27	6.9999
2/6/1990 1:00	0	-21.619	0	27	6.0002
2/6/1990 2:00	0	-21.619	0	27	6.9999
2/6/1990 3:00	0	-21.619	0	27	6.9999
2/6/1990 4:00	0	-21.619	0	27	6.9999
2/6/1990 5:00	0	-21.619	2	28	3.9998
2/6/1990 6:00	1402.9	1350.3	75.001	28	5
2/6/1990 7:00	4314.1	4209.4	206	28	5
2/6/1990 8:00	9647.6	9373.3	447.01	27	5
2/6/1990 9:00	14026	13536	650.99	27	5
2/6/1990 10:00	16138	15514	754	27	5
2/6/1990 11:00	18757	17948	889	28	6.0002
2/6/1990 12:00	18847	18031	892	28	6.9999
2/6/1990 13:00	14917	14374	702	28	6.0002
2/6/1990 14:00	12836	12410	601.99	28	5
2/6/1990 15:00	10067	9775.1	472.01	28	5
2/6/1990 16:00	6416.8	6255.8	301	28	5
2/6/1990 17:00	3894.3	3799.1	189	28	5
2/6/1990 18:00	905.62	860.79	54.001	28	5
2/6/1990 19:00	0	-21.619	1	28	5
2/6/1990 20:00	0	-21.619	0	28	5
2/6/1990 21:00	0	-21.619	0	28	6.0002
2/6/1990 22:00	0	-21.619	0	28	6.0002
2/6/1990 23:00	0	-21.619	0	28	6.9999
3/6/1990 0:00	0	-21.619	0	28	6.9999
3/6/1990 1:00	0	-21.619	0	28	6.0002
3/6/1990 2:00	0	-21.619	0	27	6.0002
3/6/1990 3:00	0	-21.619	0	27	6.0002
3/6/1990 4:00	0	-21.619	0	27	6.0002
3/6/1990 5:00	0	-21.619	2	27	3.9998
3/6/1990 6:00	1506.5	1452	81.001	27	3.9998
3/6/1990 7:00	5492.5	5358	263	28	3.9998
3/6/1990 8:00	6827.1	6653.3	320	28	3.9998
3/6/1990 9:00	12240	11845	572.99	28	3.9998
3/6/1990 10:00	13673	13202	641.99	28	5
3/6/1990 11:00	16746	16082	790	28	5
3/6/1990 12:00	18515	17724	877	28	6.0002
3/6/1990 13:00	18162	17397	858	28	6.0002
3/6/1990 14:00	17000	16318	798	28	5
3/6/1990 15:00	13571	13106	631.99	28	5
3/6/1990 16:00	7177.7	6992.7	336.01	28	5
3/6/1990 17:00	4740.2	4625.2	231	28	5
3/6/1990 18:00	868.67	824.39	48.001	28	5
3/6/1990 19:00	0	-21.619	1	28	5
3/6/1990 20:00	0	-21.619	0	28	6.0002
3/6/1990 21:00	0	-21.619	0	28	6.0002
3/6/1990 22:00	0	-21.619	0	28	6.0002
3/6/1990 23:00	0	-21.619	0	28	6.0002
4/6/1990 0:00	0	-21.619	0	28	6.0002
4/6/1990 1:00	0	-21.619	0	28	6.0002
4/6/1990 2:00	0	-21.619	0	28	6.0002
4/6/1990 3:00	0	-21.619	0	28	6.0002
4/6/1990 4:00	0	-21.619	0	27	6.0002
4/6/1990 5:00	0	-21.619	2	28	6.0002
4/6/1990 6:00	1610.4	1554.3	90.001	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
4/6/1990 7:00	6007.4	5858.5	287	27	6.0002
4/6/1990 8:00	9366.5	9103.6	435.01	28	6.0002
4/6/1990 9:00	9400.3	9136.1	441.01	28	5
4/6/1990 10:00	11306	10956	531.99	28	5
4/6/1990 11:00	15414	14840	724	28	5
4/6/1990 12:00	19628	18748	969	28	6.0002
4/6/1990 13:00	19577	18704	936	28	6.0002
4/6/1990 14:00	17653	16925	830	28	5
4/6/1990 15:00	12408	12004	576.99	28	5
4/6/1990 16:00	9409.8	9145.1	437.01	28	5
4/6/1990 17:00	4887.1	4768.4	239	28	3.9998
4/6/1990 18:00	870.2	825.9	48.001	28	5
4/6/1990 19:00	0	-21.619	1	28	5
4/6/1990 20:00	0	-21.619	0	28	5
4/6/1990 21:00	0	-21.619	0	27	5
4/6/1990 22:00	0	-21.619	0	27	5
4/6/1990 23:00	0	-21.619	0	27	5
5/6/1990 0:00	0	-21.619	0	27	5
5/6/1990 1:00	0	-21.619	0	27	5
5/6/1990 2:00	0	-21.619	0	27	3.9998
5/6/1990 3:00	0	-21.619	0	27	3.9998
5/6/1990 4:00	0	-21.619	0	27	3.9998
5/6/1990 5:00	0	-21.619	2	26	3.9998
5/6/1990 6:00	1526.4	1471.4	81.001	26	3.9998
5/6/1990 7:00	5698.8	5558.7	272	27	3.9998
5/6/1990 8:00	9022.6	8772.8	417.01	27	3.9998
5/6/1990 9:00	13897	13414	646.99	27	3.9998
5/6/1990 10:00	16338	15701	764	27	5
5/6/1990 11:00	18831	18016	893	28	6.0002
5/6/1990 12:00	19629	18749	971	28	6.0002
5/6/1990 13:00	18905	18086	897	28	6.0002
5/6/1990 14:00	16869	16196	790	28	6.0002
5/6/1990 15:00	13528	13065	627.99	28	6.0002
5/6/1990 16:00	9861	9577.6	457.01	28	6.9999
5/6/1990 17:00	4766.4	4650.7	232	28	6.9999
5/6/1990 18:00	825.47	781.82	44.001	28	6.0002
5/6/1990 19:00	0	-21.619	1	28	6.0002
5/6/1990 20:00	0	-21.619	0	28	6.9999
5/6/1990 21:00	0	-21.619	0	28	8.0001
5/6/1990 22:00	0	-21.619	0	28	8.0001
5/6/1990 23:00	0	-21.619	0	28	8.0001
6/6/1990 0:00	0	-21.619	0	28	6.9999
6/6/1990 1:00	0	-21.619	0	28	6.9999
6/6/1990 2:00	0	-21.619	0	27	6.9999
6/6/1990 3:00	0	-21.619	0	27	6.9999
6/6/1990 4:00	0	-21.619	0	27	6.9999
6/6/1990 5:00	0	-21.619	2	27	6.9999
6/6/1990 6:00	1557.8	1502.6	85.001	28	6.9999
6/6/1990 7:00	6074.7	5923.8	291	28	6.9999
6/6/1990 8:00	10798	10472	498.01	28	6.9999
6/6/1990 9:00	15160	14601	705	28	6.9999
6/6/1990 10:00	18035	17279	846	28	8.0001
6/6/1990 11:00	19500	18635	924	28	8.0001
6/6/1990 12:00	17215	16517	808	28	8.0001
6/6/1990 13:00	18351	17571	866	28	8.0001
6/6/1990 14:00	15690	15097	734	29	8.0001
6/6/1990 15:00	13144	12702	610.99	29	8.0001
6/6/1990 16:00	8436.8	8208.7	392.01	28	8.0001
6/6/1990 17:00	2725.3	2651.5	133	29	6.9999
6/6/1990 18:00	816.02	772.57	48.001	29	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/6/1990 19:00	0	-21.619	1	28	6.9999
6/6/1990 20:00	0	-21.619	0	28	8.0001
6/6/1990 21:00	0	-21.619	0	27	8.9997
6/6/1990 22:00	0	-21.619	0	27	8.9997
6/6/1990 23:00	0	-21.619	0	27	8.0001
7/6/1990 0:00	0	-21.619	0	28	8.0001
7/6/1990 1:00	0	-21.619	0	28	8.0001
7/6/1990 2:00	0	-21.619	0	28	8.0001
7/6/1990 3:00	0	-21.619	0	28	6.9999
7/6/1990 4:00	0	-21.619	0	28	6.9999
7/6/1990 5:00	0	-21.619	1	28	6.0002
7/6/1990 6:00	1185.5	1136.4	61.001	28	6.9999
7/6/1990 7:00	5221.5	5094.2	249	28	6.9999
7/6/1990 8:00	10319	10015	477.01	28	6.9999
7/6/1990 9:00	14743	14211	683.99	28	8.0001
7/6/1990 10:00	16457	15811	769	28	8.0001
7/6/1990 11:00	17904	17157	843	28	8.0001
7/6/1990 12:00	19615	18737	941	28	8.0001
7/6/1990 13:00	17854	17111	841	29	8.0001
7/6/1990 14:00	17941	17192	844	29	8.0001
7/6/1990 15:00	14660	14133	682.99	29	6.9999
7/6/1990 16:00	10367	10061	481.01	29	6.9999
7/6/1990 17:00	5248.9	5121	259	29	6.0002
7/6/1990 18:00	1054.2	1007.1	63.001	28	6.0002
7/6/1990 19:00	0	-21.619	1	28	6.0002
7/6/1990 20:00	0	-21.619	0	28	6.9999
7/6/1990 21:00	0	-21.619	0	28	6.9999
7/6/1990 22:00	0	-21.619	0	28	6.9999
7/6/1990 23:00	0	-21.619	0	28	6.0002
8/6/1990 0:00	0	-21.619	0	28	6.0002
8/6/1990 1:00	0	-21.619	0	28	5
8/6/1990 2:00	0	-21.619	0	28	5
8/6/1990 3:00	0	-21.619	0	28	3.9998
8/6/1990 4:00	0	-21.619	0	28	3.9998
8/6/1990 5:00	0	-21.619	2	28	3.0001
8/6/1990 6:00	1628.7	1572.3	91.001	28	3.0001
8/6/1990 7:00	6030.8	5881.1	290	28	3.0001
8/6/1990 8:00	10242	9942.2	475.01	28	3.9998
8/6/1990 9:00	14922	14379	696.99	28	3.9998
8/6/1990 10:00	17934	17186	845	28	5
8/6/1990 11:00	19615	18737	949	28	5
8/6/1990 12:00	19632	18752	984	28	5
8/6/1990 13:00	19527	18660	936	28	5
8/6/1990 14:00	17842	17101	842	29	6.0002
8/6/1990 15:00	14658	14131	683.99	29	6.0002
8/6/1990 16:00	10440	10131	484.01	28	5
8/6/1990 17:00	5302.3	5172.9	261	28	5
8/6/1990 18:00	1056.2	1009.1	63.001	28	5
8/6/1990 19:00	0	-21.619	1	28	5
8/6/1990 20:00	0	-21.619	0	28	5
8/6/1990 21:00	0	-21.619	0	28	5
8/6/1990 22:00	0	-21.619	0	28	6.0002
8/6/1990 23:00	0	-21.619	0	28	6.0002
9/6/1990 0:00	0	-21.619	0	27	6.0002
9/6/1990 1:00	0	-21.619	0	27	6.0002
9/6/1990 2:00	0	-21.619	0	28	6.0002
9/6/1990 3:00	0	-21.619	0	28	6.0002
9/6/1990 4:00	0	-21.619	0	27	6.0002
9/6/1990 5:00	0	-21.619	3	27	5
9/6/1990 6:00	1593.7	1537.8	89.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
9/6/1990 7:00	5962.7	5815.1	286	28	6.0002
9/6/1990 8:00	10913	10582	504.01	28	6.0002
9/6/1990 9:00	14337	13829	665.99	28	6.9999
9/6/1990 10:00	12596	12182	587.99	28	8.0001
9/6/1990 11:00	19002	18174	899	28	8.0001
9/6/1990 12:00	19265	18417	912	28	8.0001
9/6/1990 13:00	19579	18706	933	28	8.0001
9/6/1990 14:00	17792	17052	831	28	8.9997
9/6/1990 15:00	14504	13986	670.99	28	8.9997
9/6/1990 16:00	10261	9959.6	474.01	28	8.0001
9/6/1990 17:00	5226.3	5098.9	256	28	8.0001
9/6/1990 18:00	1061.9	1014.7	62.001	28	6.9999
9/6/1990 19:00	0	-21.619	1	28	6.9999
9/6/1990 20:00	0	-21.619	0	28	6.9999
9/6/1990 21:00	0	-21.619	0	28	6.9999
9/6/1990 22:00	0	-21.619	0	28	6.0002
9/6/1990 23:00	0	-21.619	0	28	6.0002
10/6/1990 0:00	0	-21.619	0	28	6.0002
10/6/1990 1:00	0	-21.619	0	28	6.0002
10/6/1990 2:00	0	-21.619	0	28	5
10/6/1990 3:00	0	-21.619	0	28	5
10/6/1990 4:00	0	-21.619	0	28	5
10/6/1990 5:00	0	-21.619	2	28	3.9998
10/6/1990 6:00	1668.7	1611.6	93.001	28	5
10/6/1990 7:00	5046.1	4923.4	242	28	5
10/6/1990 8:00	11065	10727	511.01	28	6.0002
10/6/1990 9:00	15293	14726	712	28	6.0002
10/6/1990 10:00	18366	17586	867	28	6.0002
10/6/1990 11:00	19624	18745	962	28	6.0002
10/6/1990 12:00	19638	18758	991	28	6.0002
10/6/1990 13:00	19619	18740	952	28	6.0002
10/6/1990 14:00	17944	17196	847	29	6.0002
10/6/1990 15:00	14721	14191	686.99	29	6.0002
10/6/1990 16:00	10486	10175	487.01	29	6.0002
10/6/1990 17:00	5432.4	5299.4	268	28	6.0002
10/6/1990 18:00	1052.8	1005.7	67.001	28	6.0002
10/6/1990 19:00	0	-21.619	1	28	5
10/6/1990 20:00	0	-21.619	0	28	5
10/6/1990 21:00	0	-21.619	0	28	5
10/6/1990 22:00	0	-21.619	0	28	5
10/6/1990 23:00	0	-21.619	0	28	5
11/6/1990 0:00	0	-21.619	0	28	5
11/6/1990 1:00	0	-21.619	0	28	5
11/6/1990 2:00	0	-21.619	0	28	5
11/6/1990 3:00	0	-21.619	0	28	6.9999
11/6/1990 4:00	0	-21.619	0	28	8.0001
11/6/1990 5:00	0	-21.619	2	28	6.9999
11/6/1990 6:00	1559.5	1504.1	86.001	27	8.0001
11/6/1990 7:00	5026.6	4904.3	240	28	8.0001
11/6/1990 8:00	11037	10700	509.01	28	8.0001
11/6/1990 9:00	14823	14286	687.99	28	6.9999
11/6/1990 10:00	18216	17447	858	28	6.9999
11/6/1990 11:00	19624	18745	958	28	8.0001
11/6/1990 12:00	19638	18758	988	28	6.9999
11/6/1990 13:00	19619	18740	949	28	6.9999
11/6/1990 14:00	17973	17221	844	28	6.9999
11/6/1990 15:00	14727	14196	683.99	28	6.9999
11/6/1990 16:00	10456	10146	484.01	28	6.0002
11/6/1990 17:00	5365.6	5234.5	264	28	6.0002
11/6/1990 18:00	1097.6	1049.9	67.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/6/1990 19:00	0	-21.619	1	28	5
11/6/1990 20:00	0	-21.619	0	28	6.0002
11/6/1990 21:00	0	-21.619	0	28	6.0002
11/6/1990 22:00	0	-21.619	0	28	6.9999
11/6/1990 23:00	0	-21.619	0	28	6.9999
12/6/1990 0:00	0	-21.619	0	28	6.9999
12/6/1990 1:00	0	-21.619	0	28	6.9999
12/6/1990 2:00	0	-21.619	0	27	8.0001
12/6/1990 3:00	0	-21.619	0	27	8.9997
12/6/1990 4:00	0	-21.619	0	27	8.9997
12/6/1990 5:00	0	-21.619	3	27	8.0001
12/6/1990 6:00	1591.3	1535.3	92.001	27	8.0001
12/6/1990 7:00	6323.4	6165.1	302	26	6.9999
12/6/1990 8:00	11344	10992	519.99	26	6.9999
12/6/1990 9:00	15482	14901	716	26	6.9999
12/6/1990 10:00	18504	17713	868	26	6.0002
12/6/1990 11:00	19628	18748	962	26	6.0002
12/6/1990 12:00	19641	18760	990	27	6.9999
12/6/1990 13:00	19620	18741	950	27	6.0002
12/6/1990 14:00	17975	17223	843	27	6.0002
12/6/1990 15:00	14789	14254	685.99	27	6.0002
12/6/1990 16:00	10119	9824.3	467.01	27	6.0002
12/6/1990 17:00	4460.4	4352.2	218	28	5
12/6/1990 18:00	1128.2	1080	67.001	28	5
12/6/1990 19:00	0	-21.619	1	28	5
12/6/1990 20:00	0	-21.619	0	28	5
12/6/1990 21:00	0	-21.619	0	28	5
12/6/1990 22:00	0	-21.619	0	28	5
12/6/1990 23:00	0	-21.619	0	28	5
13/06/90 00:00	0	-21.619	0	27	5
13/06/90 01:00	0	-21.619	0	27	5
13/06/90 02:00	0	-21.619	0	27	5
13/06/90 03:00	0	-21.619	0	27	5
13/06/90 04:00	0	-21.619	0	27	5
13/06/90 05:00	0	-21.619	2	27	3.9998
13/06/90 06:00	1557.8	1502.5	88.001	27	3.9998
13/06/90 07:00	6231.9	6076.4	299	27	3.9998
13/06/90 08:00	11272	10925	521.99	28	3.9998
13/06/90 09:00	15340	14770	718	28	3.9998
13/06/90 10:00	17245	16546	807	27	5
13/06/90 11:00	13864	13383	645.99	27	3.9998
13/06/90 12:00	12890	12462	603.99	27	3.9998
13/06/90 13:00	12598	12184	593.99	27	3.9998
13/06/90 14:00	14201	13702	663.99	27	3.0001
13/06/90 15:00	12869	12441	598.99	27	3.0001
13/06/90 16:00	8430.8	8202.9	392.01	27	3.9998
13/06/90 17:00	3341.9	3257.2	163	27	3.0001
13/06/90 18:00	1207.4	1157.8	70.001	27	3.0001
13/06/90 19:00	0	-21.619	1	27	3.0001
13/06/90 20:00	0	-21.619	0	27	3.0001
13/06/90 21:00	0	-21.619	0	27	3.0001
13/06/90 22:00	0	-21.619	0	27	3.9998
13/06/90 23:00	0	-21.619	0	27	3.9998
14/06/90 00:00	0	-21.619	0	27	3.9998
14/06/90 01:00	0	-21.619	0	27	3.9998
14/06/90 02:00	0	-21.619	0	27	3.9998
14/06/90 03:00	0	-21.619	0	27	3.9998
14/06/90 04:00	0	-21.619	0	27	3.9998
14/06/90 05:00	0	-21.619	1	28	3.0001
14/06/90 06:00	1332.1	1280.6	72.001	27	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
14/06/90 07:00	3472.5	3385.4	166	27	3.0001
14/06/90 08:00	8096.1	7880.1	376.01	27	3.9998
14/06/90 09:00	11204	10860	521.99	27	5
14/06/90 10:00	12056	11670	562.99	27	5
14/06/90 11:00	12716	12297	595.99	28	5
14/06/90 12:00	15897	15291	749	28	3.9998
14/06/90 13:00	17677	16947	837	28	3.9998
14/06/90 14:00	17648	16921	833	28	3.9998
14/06/90 15:00	13084	12646	609.99	28	3.9998
14/06/90 16:00	8754.5	8514.8	408.01	28	3.9998
14/06/90 17:00	5020.5	4898.5	244	28	3.9998
14/06/90 18:00	886.38	841.85	49.001	28	3.9998
14/06/90 19:00	0	-21.619	1	28	3.9998
14/06/90 20:00	0	-21.619	0	27	5
14/06/90 21:00	0	-21.619	0	27	6.0002
14/06/90 22:00	0	-21.619	0	27	6.9999
14/06/90 23:00	0	-21.619	0	27	6.0002
15/06/90 00:00	0	-21.619	0	27	6.0002
15/06/90 01:00	0	-21.619	0	27	6.0002
15/06/90 02:00	0	-21.619	0	27	6.0002
15/06/90 03:00	0	-21.619	0	27	6.0002
15/06/90 04:00	0	-21.619	0	27	5
15/06/90 05:00	0	-21.619	0	27	5
15/06/90 06:00	1320.6	1269	74.001	26	3.9998
15/06/90 07:00	6147.5	5994.5	294	26	3.9998
15/06/90 08:00	9729.1	9451.3	448.01	26	3.9998
15/06/90 09:00	15113	14557	704	27	3.9998
15/06/90 10:00	16692	16031	781	27	5
15/06/90 11:00	16024	15408	751	27	5
15/06/90 12:00	6179.3	6025.4	294	27	5
15/06/90 13:00	4428.3	4320.8	213	27	5
15/06/90 14:00	10150	9853.7	476.01	27	5
15/06/90 15:00	8978.2	8730.1	421.01	27	3.0001
15/06/90 16:00	4991	4869.7	236	27	3.0001
15/06/90 17:00	2977.8	2899.5	143	27	3.0001
15/06/90 18:00	622.98	582.16	32	28	1.9999
15/06/90 19:00	0	-21.619	1	28	1.9999
15/06/90 20:00	0	-21.619	0	28	3.0001
15/06/90 21:00	0	-21.619	0	28	3.9998
15/06/90 22:00	0	-21.619	0	28	3.9998
15/06/90 23:00	0	-21.619	0	28	3.9998
16/06/90 00:00	0	-21.619	0	28	5
16/06/90 01:00	0	-21.619	0	28	5
16/06/90 02:00	0	-21.619	0	28	5
16/06/90 03:00	0	-21.619	0	28	3.9998
16/06/90 04:00	0	-21.619	0	28	5
16/06/90 05:00	0	-21.619	2	28	5
16/06/90 06:00	1075.5	1028.1	54.001	28	5
16/06/90 07:00	3637.5	3547.5	174	28	6.0002
16/06/90 08:00	8236.1	8015.1	383.01	28	6.0002
16/06/90 09:00	8178.8	7959.9	384.01	28	6.0002
16/06/90 10:00	8869.4	8625.4	421.01	28	5
16/06/90 11:00	4898.6	4779.6	238	28	5
16/06/90 12:00	3582.6	3493.7	176	28	5
16/06/90 13:00	3756.1	3663.9	184	28	6.0002
16/06/90 14:00	4022.3	3924.5	196	28	6.0002
16/06/90 15:00	3856.5	3762.4	187	28	6.0002
16/06/90 16:00	3038.1	2958.9	147	28	6.0002
16/06/90 17:00	2235	2168.7	108	28	3.9998
16/06/90 18:00	743.6	701.12	38.001	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/06/90 19:00	0	-21.619	1	28	5
16/06/90 20:00	0	-21.619	0	28	6.0002
16/06/90 21:00	0	-21.619	0	28	6.9999
16/06/90 22:00	0	-21.619	0	28	6.9999
16/06/90 23:00	0	-21.619	0	28	6.0002
17/06/90 00:00	0	-21.619	0	28	6.0002
17/06/90 01:00	0	-21.619	0	28	6.0002
17/06/90 02:00	0	-21.619	0	28	6.0002
17/06/90 03:00	0	-21.619	0	28	6.0002
17/06/90 04:00	0	-21.619	0	28	6.0002
17/06/90 05:00	0	-21.619	1	27	5
17/06/90 06:00	1153	1104.3	61.001	27	5
17/06/90 07:00	3605	3515.4	172	27	6.0002
17/06/90 08:00	6800.7	6627.8	317	27	6.9999
17/06/90 09:00	12973	12539	600.99	27	6.9999
17/06/90 10:00	15403	14828	717	27	6.9999
17/06/90 11:00	16984	16302	796	27	6.9999
17/06/90 12:00	16963	16282	793	27	8.0001
17/06/90 13:00	19302	18451	909	27	8.9997
17/06/90 14:00	13935	13449	645.99	27	8.0001
17/06/90 15:00	4837.3	4719.9	230	27	6.9999
17/06/90 16:00	5322.7	5192.8	250	28	6.9999
17/06/90 17:00	2200.1	2134.1	106	27	5
17/06/90 18:00	706.66	664.62	36.001	27	5
17/06/90 19:00	0	-21.619	1	27	6.0002
17/06/90 20:00	0	-21.619	0	26	6.9999
17/06/90 21:00	0	-21.619	0	26	8.0001
17/06/90 22:00	0	-21.619	0	27	8.0001
17/06/90 23:00	0	-21.619	0	27	6.9999
18/06/90 00:00	0	-21.619	0	26	6.9999
18/06/90 01:00	0	-21.619	0	26	6.9999
18/06/90 02:00	0	-21.619	0	26	6.9999
18/06/90 03:00	0	-21.619	0	26	6.9999
18/06/90 04:00	0	-21.619	0	26	6.9999
18/06/90 05:00	0	-21.619	1	26	6.9999
18/06/90 06:00	839.37	795.25	43.001	25	6.9999
18/06/90 07:00	5079.5	4955.9	241	25	6.9999
18/06/90 08:00	7352.4	7161.7	341.01	26	6.9999
18/06/90 09:00	9237.4	8979.4	429.01	25	6.9999
18/06/90 10:00	14480	13963	668.99	25	6.9999
18/06/90 11:00	9247.8	8989.5	427.01	25	6.9999
18/06/90 12:00	3773.8	3681	183	25	6.9999
18/06/90 13:00	7146.9	6962.9	338.01	26	6.0002
18/06/90 14:00	10084	9790.9	470.01	26	6.0002
18/06/90 15:00	3239	3155.9	157	26	6.9999
18/06/90 16:00	2000.5	1937.3	98.001	26	6.0002
18/06/90 17:00	1175.9	1126.6	58.001	25	3.9998
18/06/90 18:00	553.98	513.95	29	26	5
18/06/90 19:00	0	-21.619	1	26	6.0002
18/06/90 20:00	0	-21.619	0	26	6.9999
18/06/90 21:00	0	-21.619	0	26	8.0001
18/06/90 22:00	0	-21.619	0	26	8.9997
18/06/90 23:00	0	-21.619	0	25	8.0001
19/06/90 00:00	0	-21.619	0	25	8.0001
19/06/90 01:00	0	-21.619	0	25	8.0001
19/06/90 02:00	0	-21.619	0	25	8.0001
19/06/90 03:00	0	-21.619	0	26	8.0001
19/06/90 04:00	0	-21.619	0	26	8.0001
19/06/90 05:00	0	-21.619	1	25	6.9999
19/06/90 06:00	1042.8	995.63	53.001	25	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
19/06/90 07:00	3420.1	3333.7	163	26	8.0001
19/06/90 08:00	3879.6	3784.7	185	26	8.0001
19/06/90 09:00	4031.2	3932.9	194	26	8.0001
19/06/90 10:00	4777.9	4662	230	26	8.0001
19/06/90 11:00	7293	7104.3	345.01	26	8.0001
19/06/90 12:00	9439.4	9173.6	441.01	26	6.9999
19/06/90 13:00	14332	13824	666.99	26	8.0001
19/06/90 14:00	8247.9	8026.5	388.01	26	8.0001
19/06/90 15:00	4660.3	4547.2	223	26	6.9999
19/06/90 16:00	3079.8	2999.4	148	26	6.0002
19/06/90 17:00	1452.2	1398.5	71.001	26	6.9999
19/06/90 18:00	726.99	684.58	38.001	26	6.0002
19/06/90 19:00	0	-21.619	1	26	6.0002
19/06/90 20:00	0	-21.619	0	27	5
19/06/90 21:00	0	-21.619	0	26	5
19/06/90 22:00	0	-21.619	0	26	5
19/06/90 23:00	0	-21.619	0	27	6.9999
20/06/90 00:00	0	-21.619	0	26	6.9999
20/06/90 01:00	0	-21.619	0	27	8.0001
20/06/90 02:00	0	-21.619	0	26	8.0001
20/06/90 03:00	0	-21.619	0	26	8.9997
20/06/90 04:00	0	-21.619	0	27	8.9997
20/06/90 05:00	0	-21.619	0	27	8.9997
20/06/90 06:00	441.89	403.42	23	28	10
20/06/90 07:00	1717.6	1659.6	84.001	28	8.9997
20/06/90 08:00	2865.1	2788.8	139	28	10
20/06/90 09:00	2556.1	2484.8	126	28	10
20/06/90 10:00	2814.3	2738.9	139	28	8.9997
20/06/90 11:00	3144.9	3063.8	155	28	8.9997
20/06/90 12:00	3589.4	3500.3	176	28	8.9997
20/06/90 13:00	4460.9	4352.6	217	28	8.9997
20/06/90 14:00	4580.7	4469.5	222	28	8.9997
20/06/90 15:00	4010	3912.4	194	28	8.0001
20/06/90 16:00	3817.8	3724.3	183	28	8.0001
20/06/90 17:00	2493.1	2422.8	120	28	6.0002
20/06/90 18:00	725.48	683.25	37.001	28	6.0002
20/06/90 19:00	0	-21.619	1	28	6.0002
20/06/90 20:00	0	-21.619	0	28	6.9999
20/06/90 21:00	0	-21.619	0	28	8.9997
20/06/90 22:00	0	-21.619	0	28	8.9997
20/06/90 23:00	0	-21.619	0	28	8.0001
21/06/90 00:00	0	-21.619	0	28	8.0001
21/06/90 01:00	0	-21.619	0	28	8.0001
21/06/90 02:00	0	-21.619	0	28	8.0001
21/06/90 03:00	0	-21.619	0	28	8.0001
21/06/90 04:00	0	-21.619	0	28	6.9999
21/06/90 05:00	0	-21.619	0	28	8.0001
21/06/90 06:00	358.53	321.1	19	28	8.0001
21/06/90 07:00	2212.2	2146.2	107	28	8.0001
21/06/90 08:00	4157.1	4056.1	199	28	6.9999
21/06/90 09:00	5913.6	5767.6	281	28	6.9999
21/06/90 10:00	8032	7818.2	381.01	28	6.9999
21/06/90 11:00	9070	8818.4	425.01	27	6.9999
21/06/90 12:00	13493	13032	629.99	27	6.9999
21/06/90 13:00	6258.2	6102	298	27	6.0002
21/06/90 14:00	9126.4	8872.7	420.01	27	6.0002
21/06/90 15:00	5853.8	5709.5	278	28	5
21/06/90 16:00	5613.4	5475.7	264	27	5
21/06/90 17:00	3464.8	3377.8	166	27	5
21/06/90 18:00	935.57	890.21	51.001	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/06/90 19:00	0	-21.619	1	27	6.0002
21/06/90 20:00	0	-21.619	0	28	6.0002
21/06/90 21:00	0	-21.619	0	28	6.0002
21/06/90 22:00	0	-21.619	0	28	6.0002
21/06/90 23:00	0	-21.619	0	28	6.9999
22/06/90 00:00	0	-21.619	0	28	8.0001
22/06/90 01:00	0	-21.619	0	28	8.0001
22/06/90 02:00	0	-21.619	0	28	8.0001
22/06/90 03:00	0	-21.619	0	27	8.9997
22/06/90 04:00	0	-21.619	0	27	8.9997
22/06/90 05:00	0	-21.619	2	28	8.9997
22/06/90 06:00	1561.5	1506.2	94.001	28	8.9997
22/06/90 07:00	6175.6	6021.7	298	28	8.9997
22/06/90 08:00	10614	10297	489.01	28	8.0001
22/06/90 09:00	12792	12368	591.99	28	8.0001
22/06/90 10:00	16541	15890	771	28	8.0001
22/06/90 11:00	17966	17214	844	28	8.0001
22/06/90 12:00	18766	17956	884	28	8.9997
22/06/90 13:00	17771	17033	830	27	8.9997
22/06/90 14:00	16781	16113	781	27	8.0001
22/06/90 15:00	9264.2	9005.2	433.01	28	8.0001
22/06/90 16:00	7018.9	6839	327	27	6.9999
22/06/90 17:00	3172.1	3090.3	152	27	6.9999
22/06/90 18:00	965.46	919.65	51.001	27	6.9999
22/06/90 19:00	0	-21.619	1	27	8.0001
22/06/90 20:00	0	-21.619	0	27	8.9997
22/06/90 21:00	0	-21.619	0	27	8.9997
22/06/90 22:00	0	-21.619	0	27	8.9997
22/06/90 23:00	0	-21.619	0	27	8.9997
23/06/90 00:00	0	-21.619	0	27	8.9997
23/06/90 01:00	0	-21.619	0	28	8.9997
23/06/90 02:00	0	-21.619	0	28	10
23/06/90 03:00	0	-21.619	0	28	10
23/06/90 04:00	0	-21.619	0	28	10
23/06/90 05:00	0	-21.619	1	27	8.9997
23/06/90 06:00	1153.4	1104.8	62.001	28	10
23/06/90 07:00	5977.9	5829.7	287	28	10
23/06/90 08:00	9701.9	9425.3	447.01	28	11
23/06/90 09:00	13465	13005	622.99	28	10
23/06/90 10:00	17739	17003	828	28	8.9997
23/06/90 11:00	19616	18738	942	28	8.9997
23/06/90 12:00	19633	18753	975	28	8.9997
23/06/90 13:00	19558	18685	929	28	8.9997
23/06/90 14:00	17515	16796	819	28	8.0001
23/06/90 15:00	14574	14052	674.99	28	8.0001
23/06/90 16:00	9989.7	9700.8	462.01	28	8.0001
23/06/90 17:00	4704.4	4590.2	227	28	6.9999
23/06/90 18:00	979	933.08	54.001	28	8.0001
23/06/90 19:00	0	-21.619	1	28	8.0001
23/06/90 20:00	0	-21.619	0	28	8.0001
23/06/90 21:00	0	-21.619	0	28	8.0001
23/06/90 22:00	0	-21.619	0	28	8.0001
23/06/90 23:00	0	-21.619	0	28	8.0001
24/06/90 00:00	0	-21.619	0	28	8.0001
24/06/90 01:00	0	-21.619	0	28	8.0001
24/06/90 02:00	0	-21.619	0	28	8.0001
24/06/90 03:00	0	-21.619	0	28	8.0001
24/06/90 04:00	0	-21.619	0	28	8.0001
24/06/90 05:00	0	-21.619	1	28	8.9997
24/06/90 06:00	872.64	828.2	44.001	27	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
24/06/90 07:00	4371.6	4265.5	209	28	8.9997
24/06/90 08:00	8798.6	8557.2	408.01	28	8.9997
24/06/90 09:00	13938	13453	644.99	28	8.9997
24/06/90 10:00	17916	17168	838	28	8.9997
24/06/90 11:00	19613	18736	938	28	8.0001
24/06/90 12:00	19634	18753	978	28	8.0001
24/06/90 13:00	19517	18649	929	28	6.9999
24/06/90 14:00	17692	16960	829	28	6.9999
24/06/90 15:00	14591	14068	676.99	28	6.9999
24/06/90 16:00	9777.6	9497.7	453.01	28	6.0002
24/06/90 17:00	5087.3	4963.5	247	28	5
24/06/90 18:00	1177.3	1128.3	66.001	28	5
24/06/90 19:00	0	-21.619	1	28	5
24/06/90 20:00	0	-21.619	0	28	6.0002
24/06/90 21:00	0	-21.619	0	28	6.0002
24/06/90 22:00	0	-21.619	0	28	6.9999
24/06/90 23:00	0	-21.619	0	28	6.9999
25/06/90 00:00	0	-21.619	0	28	6.9999
25/06/90 01:00	0	-21.619	0	28	6.9999
25/06/90 02:00	0	-21.619	0	28	6.9999
25/06/90 03:00	0	-21.619	0	28	8.0001
25/06/90 04:00	0	-21.619	0	27	8.0001
25/06/90 05:00	0	-21.619	2	27	6.9999
25/06/90 06:00	1437.2	1383.9	78.001	27	6.9999
25/06/90 07:00	5182.8	5056.5	248	27	6.9999
25/06/90 08:00	10601	10285	488.01	27	6.9999
25/06/90 09:00	14354	13845	664.99	27	6.0002
25/06/90 10:00	17995	17241	844	27	6.0002
25/06/90 11:00	19617	18739	947	27	6.0002
25/06/90 12:00	19624	18745	959	27	6.0002
25/06/90 13:00	19505	18639	930	28	6.0002
25/06/90 14:00	17194	16498	806	28	6.0002
25/06/90 15:00	12872	12444	597.99	28	6.0002
25/06/90 16:00	9562.1	9291.2	443.01	28	6.0002
25/06/90 17:00	5081.3	4957.7	247	28	5
25/06/90 18:00	1131.4	1083.2	65.001	28	5
25/06/90 19:00	0	-21.619	1	28	5
25/06/90 20:00	0	-21.619	0	28	6.0002
25/06/90 21:00	0	-21.619	0	27	6.0002
25/06/90 22:00	0	-21.619	0	27	6.0002
25/06/90 23:00	0	-21.619	0	28	6.0002
26/06/90 00:00	0	-21.619	0	27	6.9999
26/06/90 01:00	0	-21.619	0	27	8.0001
26/06/90 02:00	0	-21.619	0	27	8.9997
26/06/90 03:00	0	-21.619	0	27	8.9997
26/06/90 04:00	0	-21.619	0	27	8.9997
26/06/90 05:00	0	-21.619	2	27	8.0001
26/06/90 06:00	626.59	585.65	33.001	27	8.0001
26/06/90 07:00	5341.8	5211.4	255	27	8.0001
26/06/90 08:00	10426	10117	480.01	27	8.0001
26/06/90 09:00	14865	14325	688.99	28	8.0001
26/06/90 10:00	17952	17202	841	28	8.0001
26/06/90 11:00	19511	18644	925	28	8.0001
26/06/90 12:00	19632	18752	971	27	6.9999
26/06/90 13:00	17905	17157	840	27	6.9999
26/06/90 14:00	16577	15924	772	27	6.9999
26/06/90 15:00	10769	10445	496.01	27	6.9999
26/06/90 16:00	9769.7	9490.2	451.01	27	6.9999
26/06/90 17:00	4517	4407.4	217	27	6.0002
26/06/90 18:00	1139.4	1090.9	62.001	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/06/90 19:00	0	-21.619	1	27	6.9999
26/06/90 20:00	0	-21.619	0	27	6.9999
26/06/90 21:00	0	-21.619	0	27	6.9999
26/06/90 22:00	0	-21.619	0	27	6.9999
26/06/90 23:00	0	-21.619	0	27	8.0001
27/06/90 00:00	0	-21.619	0	27	8.0001
27/06/90 01:00	0	-21.619	0	27	8.0001
27/06/90 02:00	0	-21.619	0	27	8.0001
27/06/90 03:00	0	-21.619	0	27	8.0001
27/06/90 04:00	0	-21.619	0	27	8.0001
27/06/90 05:00	0	-21.619	1	28	6.9999
27/06/90 06:00	1069	1021.7	56.001	28	8.0001
27/06/90 07:00	5838.3	5694.2	281	28	8.0001
27/06/90 08:00	10201	9903	471.01	28	8.0001
27/06/90 09:00	14843	14304	686.99	28	8.9997
27/06/90 10:00	18233	17462	855	28	8.9997
27/06/90 11:00	19623	18744	953	28	8.9997
27/06/90 12:00	19638	18757	985	28	8.0001
27/06/90 13:00	19619	18740	948	28	8.0001
27/06/90 14:00	16449	15805	768	28	6.9999
27/06/90 15:00	14491	13974	671.99	28	6.9999
27/06/90 16:00	10598	10282	488.01	27	6.9999
27/06/90 17:00	5669.7	5530.3	277	29	6.9999
27/06/90 18:00	1223.6	1173.9	72.001	28	6.0002
27/06/90 19:00	0	-21.619	2	28	6.0002
27/06/90 20:00	0	-21.619	0	28	6.0002
27/06/90 21:00	0	-21.619	0	28	5
27/06/90 22:00	0	-21.619	0	28	5
27/06/90 23:00	0	-21.619	0	28	6.0002
28/06/90 00:00	0	-21.619	0	28	6.9999
28/06/90 01:00	0	-21.619	0	28	6.9999
28/06/90 02:00	0	-21.619	0	28	6.9999
28/06/90 03:00	0	-21.619	0	28	6.9999
28/06/90 04:00	0	-21.619	0	27	6.0002
28/06/90 05:00	0	-21.619	2	28	6.0002
28/06/90 06:00	1427.1	1374.1	84.001	28	6.0002
28/06/90 07:00	5655.3	5516.3	273	28	6.0002
28/06/90 08:00	10534	10221	487.01	28	5
28/06/90 09:00	14451	13937	672.99	28	5
28/06/90 10:00	14600	14078	682.99	28	5
28/06/90 11:00	17243	16544	814	28	5
28/06/90 12:00	19133	18298	914	29	5
28/06/90 13:00	19512	18646	936	29	5
28/06/90 14:00	16904	16229	794	29	6.0002
28/06/90 15:00	13174	12731	613.99	29	6.0002
28/06/90 16:00	9831.4	9549.6	457.01	29	6.0002
28/06/90 17:00	4724.4	4610	229	29	5
28/06/90 18:00	1188.8	1139.8	69.001	29	5
28/06/90 19:00	0	-21.619	2	29	5
28/06/90 20:00	0	-21.619	0	29	6.0002
28/06/90 21:00	0	-21.619	0	28	6.0002
28/06/90 22:00	0	-21.619	0	28	6.0002
28/06/90 23:00	0	-21.619	0	28	6.0002
29/06/90 00:00	0	-21.619	0	28	6.0002
29/06/90 01:00	0	-21.619	0	28	6.0002
29/06/90 02:00	0	-21.619	0	28	6.0002
29/06/90 03:00	0	-21.619	0	28	6.0002
29/06/90 04:00	0	-21.619	0	28	6.0002
29/06/90 05:00	0	-21.619	1	28	5
29/06/90 06:00	860.73	816.57	45.001	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
29/06/90 07:00	5664.9	5525.6	273	28	6.0002
29/06/90 08:00	10846	10518	501.01	28	6.0002
29/06/90 09:00	14964	14418	695.99	28	6.0002
29/06/90 10:00	18036	17281	850	28	6.0002
29/06/90 11:00	19613	18736	948	28	5
29/06/90 12:00	19631	18751	978	28	5
29/06/90 13:00	19548	18679	939	28	3.9998
29/06/90 14:00	17775	17039	839	28	3.9998
29/06/90 15:00	14500	13983	675.99	28	3.9998
29/06/90 16:00	10441	10132	484.01	28	3.9998
29/06/90 17:00	5335.8	5205.5	259	28	3.9998
29/06/90 18:00	1201.4	1152.1	68.001	28	5
29/06/90 19:00	0	-21.619	1	28	5
29/06/90 20:00	0	-21.619	0	28	5
29/06/90 21:00	0	-21.619	0	28	6.0002
29/06/90 22:00	0	-21.619	0	28	6.0002
29/06/90 23:00	0	-21.619	0	28	6.0002
30/06/90 00:00	0	-21.619	0	28	6.9999
30/06/90 01:00	0	-21.619	0	28	6.9999
30/06/90 02:00	0	-21.619	0	28	6.9999
30/06/90 03:00	0	-21.619	0	28	6.0002
30/06/90 04:00	0	-21.619	0	28	6.0002
30/06/90 05:00	0	-21.619	1	28	5
30/06/90 06:00	1331.6	1280.1	73.001	28	5
30/06/90 07:00	5674.6	5535.1	274	28	5
30/06/90 08:00	10541	10227	487.01	28	6.0002
30/06/90 09:00	14609	14086	678.99	28	6.0002
30/06/90 10:00	17802	17063	837	28	6.0002
30/06/90 11:00	18902	18082	897	28	6.0002
30/06/90 12:00	13384	12929	627.99	28	6.0002
30/06/90 13:00	13726	13253	643.99	28	6.0002
30/06/90 14:00	17167	16473	805	28	6.0002
30/06/90 15:00	13973	13486	649.99	28	5
30/06/90 16:00	10322	10019	478.01	28	5
30/06/90 17:00	5415.8	5283.4	263	28	5
30/06/90 18:00	1174.6	1125.7	68.001	28	5
30/06/90 19:00	0	-21.619	1	28	5
30/06/90 20:00	0	-21.619	0	28	5
30/06/90 21:00	0	-21.619	0	28	5
30/06/90 22:00	0	-21.619	0	28	5
30/06/90 23:00	0	-21.619	0	28	5
1/7/1990 0:00	0	-21.619	0	29	5
1/7/1990 1:00	0	-21.619	0	29	5
1/7/1990 2:00	0	-21.619	0	29	6.0002
1/7/1990 3:00	0	-21.619	0	28	6.0002
1/7/1990 4:00	0	-21.619	0	28	6.0002
1/7/1990 5:00	0	-21.619	2	29	6.0002
1/7/1990 6:00	1290	1239.3	73.001	29	6.0002
1/7/1990 7:00	5339	5208.8	261	29	6.0002
1/7/1990 8:00	10220	9921.5	479.01	29	6.0002
1/7/1990 9:00	14323	13817	674.99	29	6.0002
1/7/1990 10:00	17625	16899	840	29	6.0002
1/7/1990 11:00	19411	18555	940	29	5
1/7/1990 12:00	19622	18743	975	29	5
1/7/1990 13:00	19346	18495	939	29	3.9998
1/7/1990 14:00	17476	16762	836	29	3.9998
1/7/1990 15:00	14337	13831	677.99	29	3.9998
1/7/1990 16:00	10163	9866.7	478.01	29	3.9998
1/7/1990 17:00	5100	4976.1	250	29	5
1/7/1990 18:00	1070.9	1023.7	59.001	29	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/7/1990 19:00	0	-21.619	1	29	3.9998
1/7/1990 20:00	0	-21.619	0	29	3.9998
1/7/1990 21:00	0	-21.619	0	29	3.9998
1/7/1990 22:00	0	-21.619	0	29	3.0001
1/7/1990 23:00	0	-21.619	0	29	3.0001
2/7/1990 0:00	0	-21.619	0	29	3.0001
2/7/1990 1:00	0	-21.619	0	29	3.0001
2/7/1990 2:00	0	-21.619	0	29	3.0001
2/7/1990 3:00	0	-21.619	0	28	3.0001
2/7/1990 4:00	0	-21.619	0	28	3.0001
2/7/1990 5:00	0	-21.619	2	28	1.9999
2/7/1990 6:00	1339.8	1288.2	80.001	28	3.0001
2/7/1990 7:00	5881.1	5735.8	289	28	3.0001
2/7/1990 8:00	10360	10055	485.01	28	3.9998
2/7/1990 9:00	14047	13557	663.99	29	3.9998
2/7/1990 10:00	14572	14052	687.99	29	5
2/7/1990 11:00	19600	18726	957	29	5
2/7/1990 12:00	19629	18750	991	29	5
2/7/1990 13:00	19596	18723	956	29	5
2/7/1990 14:00	17876	17132	855	29	5
2/7/1990 15:00	14592	14070	688.99	29	5
2/7/1990 16:00	10670	10351	501.01	29	5
2/7/1990 17:00	5666.5	5527.3	281	29	5
2/7/1990 18:00	1239.2	1189.4	79.001	29	3.9998
2/7/1990 19:00	0	-21.619	2	29	3.9998
2/7/1990 20:00	0	-21.619	0	29	3.9998
2/7/1990 21:00	0	-21.619	0	29	3.9998
2/7/1990 22:00	0	-21.619	0	28	3.9998
2/7/1990 23:00	0	-21.619	0	28	3.0001
3/7/1990 0:00	0	-21.619	0	28	3.0001
3/7/1990 1:00	0	-21.619	0	28	3.0001
3/7/1990 2:00	0	-21.619	0	28	3.9998
3/7/1990 3:00	0	-21.619	0	28	3.9998
3/7/1990 4:00	0	-21.619	0	28	3.9998
3/7/1990 5:00	0	-21.619	2	28	3.0001
3/7/1990 6:00	1331.1	1279.7	77.001	28	3.0001
3/7/1990 7:00	5692.3	5552.3	279	28	3.9998
3/7/1990 8:00	10590	10275	496.01	28	3.9998
3/7/1990 9:00	14661	14136	693.99	29	3.9998
3/7/1990 10:00	17720	16989	850	29	3.9998
3/7/1990 11:00	19360	18508	943	29	3.0001
3/7/1990 12:00	11334	10984	534.99	29	3.0001
3/7/1990 13:00	12725	12306	602.99	29	3.0001
3/7/1990 14:00	16564	15914	792	29	3.0001
3/7/1990 15:00	8463.8	8235.4	401.01	29	1.9999
3/7/1990 16:00	10286	9985.4	486.01	29	1.9999
3/7/1990 17:00	5613	5475.2	277	28	1.9999
3/7/1990 18:00	1264	1213.7	77.001	28	1.9999
3/7/1990 19:00	0	-21.619	2	28	1.9999
3/7/1990 20:00	0	-21.619	0	28	1.9999
3/7/1990 21:00	0	-21.619	0	28	1.9999
3/7/1990 22:00	0	-21.619	0	28	1.9999
3/7/1990 23:00	0	-21.619	0	28	1.9999
4/7/1990 0:00	0	-21.619	0	28	1.9999
4/7/1990 1:00	0	-21.619	0	28	3.0001
4/7/1990 2:00	0	-21.619	0	28	1.9999
4/7/1990 3:00	0	-21.619	0	28	3.0001
4/7/1990 4:00	0	-21.619	0	28	3.0001
4/7/1990 5:00	0	-21.619	2	27	1.0002
4/7/1990 6:00	1153.8	1105.1	66.001	27	1.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
4/7/1990 7:00	4717.7	4603.2	229	27	3.9998
4/7/1990 8:00	10797	10472	506.01	28	3.9998
4/7/1990 9:00	14309	13804	672.99	28	5
4/7/1990 10:00	14324	13817	675.99	28	5
4/7/1990 11:00	9241.4	8983.3	440.01	28	5
4/7/1990 12:00	6257.8	6101.6	303	28	3.0001
4/7/1990 13:00	5878.6	5733.7	288	28	3.0001
4/7/1990 14:00	6605.5	6438.7	317	27	3.0001
4/7/1990 15:00	12951	12520	612.99	28	1.9999
4/7/1990 16:00	8262	8040.4	390.01	28	1.9999
4/7/1990 17:00	4577	4466	223	27	1.0002
4/7/1990 18:00	931.38	886.11	51.001	27	1.0002
4/7/1990 19:00	0	-21.619	0	26	1.9999
4/7/1990 20:00	0	-21.619	0	26	1.0002
4/7/1990 21:00	0	-21.619	0	27	1.0002
4/7/1990 22:00	0	-21.619	0	27	1.9999
4/7/1990 23:00	0	-21.619	0	27	1.9999
5/7/1990 0:00	0	-21.619	0	27	1.9999
5/7/1990 1:00	0	-21.619	0	27	1.9999
5/7/1990 2:00	0	-21.619	0	27	1.9999
5/7/1990 3:00	0	-21.619	0	27	1.9999
5/7/1990 4:00	0	-21.619	0	27	1.9999
5/7/1990 5:00	0	-21.619	2	28	1.9999
5/7/1990 6:00	1358.3	1306.4	83.001	28	3.0001
5/7/1990 7:00	5725.6	5584.7	280	28	3.9998
5/7/1990 8:00	7131.4	6948	335.01	27	3.9998
5/7/1990 9:00	14390	13880	677.99	27	3.0001
5/7/1990 10:00	17769	17033	849	27	3.0001
5/7/1990 11:00	19531	18664	949	28	3.9998
5/7/1990 12:00	19303	18454	932	28	5
5/7/1990 13:00	17678	16949	843	28	5
5/7/1990 14:00	17814	17075	852	28	3.9998
5/7/1990 15:00	14417	13905	679.99	28	3.9998
5/7/1990 16:00	10647	10329	499.01	28	3.9998
5/7/1990 17:00	5612.3	5474.8	278	29	3.0001
5/7/1990 18:00	1258.5	1208.4	78.001	29	3.9998
5/7/1990 19:00	0	-21.619	2	29	3.9998
5/7/1990 20:00	0	-21.619	0	29	3.9998
5/7/1990 21:00	0	-21.619	0	29	3.9998
5/7/1990 22:00	0	-21.619	0	29	5
5/7/1990 23:00	0	-21.619	0	29	5
6/7/1990 0:00	0	-21.619	0	29	5
6/7/1990 1:00	0	-21.619	0	29	6.0002
6/7/1990 2:00	0	-21.619	0	29	6.0002
6/7/1990 3:00	0	-21.619	0	29	6.9999
6/7/1990 4:00	0	-21.619	0	29	6.9999
6/7/1990 5:00	0	-21.619	2	29	6.9999
6/7/1990 6:00	1284.3	1233.8	79.001	29	6.9999
6/7/1990 7:00	5727.5	5586.5	282	29	6.9999
6/7/1990 8:00	10742	10419	503.01	29	6.9999
6/7/1990 9:00	14846	14308	699.99	29	6.9999
6/7/1990 10:00	17939	17190	855	29	6.9999
6/7/1990 11:00	19612	18735	955	29	6.9999
6/7/1990 12:00	19626	18746	983	29	6.0002
6/7/1990 13:00	18747	17940	902	29	6.0002
6/7/1990 14:00	17843	17101	852	29	6.0002
6/7/1990 15:00	14741	14209	695.99	29	6.0002
6/7/1990 16:00	10683	10363	501.01	29	6.0002
6/7/1990 17:00	5561.3	5425	274	29	6.0002
6/7/1990 18:00	1147.9	1099.5	66.001	29	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/7/1990 19:00	0	-21.619	1	29	5
6/7/1990 20:00	0	-21.619	0	29	5
6/7/1990 21:00	0	-21.619	0	29	5
6/7/1990 22:00	0	-21.619	0	29	5
6/7/1990 23:00	0	-21.619	0	29	5
7/7/1990 0:00	0	-21.619	0	28	5
7/7/1990 1:00	0	-21.619	0	27	5
7/7/1990 2:00	0	-21.619	0	27	5
7/7/1990 3:00	0	-21.619	0	27	5
7/7/1990 4:00	0	-21.619	0	26	6.0002
7/7/1990 5:00	0	-21.619	1	28	6.0002
7/7/1990 6:00	354.18	316.8	19	28	6.0002
7/7/1990 7:00	939.07	893.76	48.001	28	6.9999
7/7/1990 8:00	1836.4	1776.3	92.001	28	6.9999
7/7/1990 9:00	3232.2	3149.4	159	27	8.0001
7/7/1990 10:00	6000.3	5851.7	292	28	6.9999
7/7/1990 11:00	8458.5	8229.5	407.01	28	5
7/7/1990 12:00	12256	11860	586.99	29	5
7/7/1990 13:00	14523	14006	693.99	29	5
7/7/1990 14:00	12564	12153	596.99	29	5
7/7/1990 15:00	13823	13345	651.99	29	5
7/7/1990 16:00	10046	9755.2	473.01	29	3.9998
7/7/1990 17:00	4772.6	4657.1	234	29	3.0001
7/7/1990 18:00	977	931.23	54.001	29	3.0001
7/7/1990 19:00	0	-21.619	1	28	3.9998
7/7/1990 20:00	0	-21.619	0	28	3.9998
7/7/1990 21:00	0	-21.619	0	28	3.0001
7/7/1990 22:00	0	-21.619	0	28	3.0001
7/7/1990 23:00	0	-21.619	0	28	3.0001
8/7/1990 0:00	0	-21.619	0	28	3.0001
8/7/1990 1:00	0	-21.619	0	28	1.9999
8/7/1990 2:00	0	-21.619	0	28	1.9999
8/7/1990 3:00	0	-21.619	0	27	3.0001
8/7/1990 4:00	0	-21.619	0	27	3.0001
8/7/1990 5:00	0	-21.619	2	28	3.0001
8/7/1990 6:00	1247.9	1197.8	78.001	28	3.0001
8/7/1990 7:00	5719.4	5578.6	282	28	3.0001
8/7/1990 8:00	10778	10454	505.01	28	3.9998
8/7/1990 9:00	14807	14272	701	28	3.0001
8/7/1990 10:00	16894	16220	806	28	3.0001
8/7/1990 11:00	14961	14417	713	28	3.0001
8/7/1990 12:00	16088	15470	767	28	3.0001
8/7/1990 13:00	17514	16797	842	28	1.9999
8/7/1990 14:00	17463	16750	840	29	1.9999
8/7/1990 15:00	13843	13365	654.99	28	1.9999
8/7/1990 16:00	9419.1	9155	445.01	29	1.9999
8/7/1990 17:00	4662.6	4550	229	29	1.9999
8/7/1990 18:00	1223.1	1173.6	73.001	29	1.0002
8/7/1990 19:00	0	-21.619	2	29	1.0002
8/7/1990 20:00	0	-21.619	0	29	1.9999
8/7/1990 21:00	0	-21.619	0	29	3.9998
8/7/1990 22:00	0	-21.619	0	29	3.9998
8/7/1990 23:00	0	-21.619	0	29	3.9998
9/7/1990 0:00	0	-21.619	0	29	3.0001
9/7/1990 1:00	0	-21.619	0	29	3.0001
9/7/1990 2:00	0	-21.619	0	28	3.0001
9/7/1990 3:00	0	-21.619	0	28	3.0001
9/7/1990 4:00	0	-21.619	0	28	3.0001
9/7/1990 5:00	0	-21.619	1	28	1.9999
9/7/1990 6:00	631.66	590.73	33.001	28	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
9/7/1990 7:00	4506.9	4397.7	219	28	3.9998
9/7/1990 8:00	5467.5	5334.1	259	29	3.9998
9/7/1990 9:00	3312	3228.4	164	29	3.9998
9/7/1990 10:00	8377.4	8151.9	404.01	29	3.0001
9/7/1990 11:00	11648	11283	558.99	29	3.0001
9/7/1990 12:00	7995.2	7783.3	387.01	29	1.9999
9/7/1990 13:00	9550.9	9281.8	462.01	29	1.9999
9/7/1990 14:00	5466.9	5333.3	265	28	3.0001
9/7/1990 15:00	5941.6	5794.8	286	28	3.0001
9/7/1990 16:00	3010.1	2931.2	147	27	3.9998
9/7/1990 17:00	942.33	896.89	48.001	27	3.9998
9/7/1990 18:00	293.71	257.03	16	27	3.9998
9/7/1990 19:00	0	-21.619	1	27	3.0001
9/7/1990 20:00	0	-21.619	0	28	3.9998
9/7/1990 21:00	0	-21.619	0	28	5
9/7/1990 22:00	0	-21.619	0	28	5
9/7/1990 23:00	0	-21.619	0	28	5
10/7/1990 0:00	0	-21.619	0	28	5
10/7/1990 1:00	0	-21.619	0	28	6.0002
10/7/1990 2:00	0	-21.619	0	28	6.9999
10/7/1990 3:00	0	-21.619	0	28	6.0002
10/7/1990 4:00	0	-21.619	0	28	6.0002
10/7/1990 5:00	0	-21.619	2	27	6.0002
10/7/1990 6:00	1226.4	1176.7	75.001	28	5
10/7/1990 7:00	3689.4	3598.5	180	28	5
10/7/1990 8:00	4881.7	4763.2	234	28	5
10/7/1990 9:00	11445	11088	538.99	27	3.9998
10/7/1990 10:00	16126	15505	767	28	3.9998
10/7/1990 11:00	10658	10339	507.01	27	3.9998
10/7/1990 12:00	15648	15058	743	27	3.9998
10/7/1990 13:00	17307	16604	829	28	3.9998
10/7/1990 14:00	15570	14985	739	28	3.9998
10/7/1990 15:00	14141	13645	662.99	27	5
10/7/1990 16:00	9536.9	9267.1	446.01	27	5
10/7/1990 17:00	3637.8	3547.9	177	28	3.0001
10/7/1990 18:00	776.74	733.79	41.001	28	3.9998
10/7/1990 19:00	0	-21.619	0	28	6.0002
10/7/1990 20:00	0	-21.619	0	29	6.0002
10/7/1990 21:00	0	-21.619	0	29	5
10/7/1990 22:00	0	-21.619	0	29	5
10/7/1990 23:00	0	-21.619	0	28	5
11/7/1990 0:00	0	-21.619	0	28	6.0002
11/7/1990 1:00	0	-21.619	0	27	5
11/7/1990 2:00	0	-21.619	0	27	5
11/7/1990 3:00	0	-21.619	0	28	5
11/7/1990 4:00	0	-21.619	0	28	5
11/7/1990 5:00	0	-21.619	1	28	5
11/7/1990 6:00	380.57	342.83	22	27	5
11/7/1990 7:00	3812.2	3718.5	186	27	6.0002
11/7/1990 8:00	9262.6	9003.7	434.01	27	6.0002
11/7/1990 9:00	12761	12338	595.99	26	6.0002
11/7/1990 10:00	14458	13943	680.99	27	6.0002
11/7/1990 11:00	17793	17054	846	27	6.0002
11/7/1990 12:00	19616	18737	955	28	6.9999
11/7/1990 13:00	18935	18113	906	28	6.9999
11/7/1990 14:00	17379	16671	827	29	6.0002
11/7/1990 15:00	12631	12216	595.99	29	6.0002
11/7/1990 16:00	6301.8	6144.4	301	29	5
11/7/1990 17:00	3369.4	3284.6	164	29	5
11/7/1990 18:00	888.03	843.57	46.001	29	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/7/1990 19:00	0	-21.619	1	29	5
11/7/1990 20:00	0	-21.619	0	29	5
11/7/1990 21:00	0	-21.619	0	29	5
11/7/1990 22:00	0	-21.619	0	29	5
11/7/1990 23:00	0	-21.619	0	29	3.9998
12/7/1990 0:00	0	-21.619	0	29	3.9998
12/7/1990 1:00	0	-21.619	0	29	3.0001
12/7/1990 2:00	0	-21.619	0	28	3.9998
12/7/1990 3:00	0	-21.619	0	28	3.9998
12/7/1990 4:00	0	-21.619	0	28	5
12/7/1990 5:00	0	-21.619	1	28	5
12/7/1990 6:00	1181.7	1132.7	68.001	28	5
12/7/1990 7:00	5139.5	5014.4	251	28	6.0002
12/7/1990 8:00	6584.7	6418.5	310	28	6.9999
12/7/1990 9:00	8877.6	8633.3	420.01	28	6.9999
12/7/1990 10:00	15883	15277	752	28	6.0002
12/7/1990 11:00	14365	13856	682.99	28	6.0002
12/7/1990 12:00	19614	18736	955	28	6.0002
12/7/1990 13:00	19576	18704	948	28	5
12/7/1990 14:00	17771	17035	846	28	5
12/7/1990 15:00	14605	14082	689.99	29	5
12/7/1990 16:00	10437	10129	490.01	29	5
12/7/1990 17:00	5402.7	5271	266	29	3.9998
12/7/1990 18:00	1186.8	1137.8	67.001	29	3.9998
12/7/1990 19:00	0	-21.619	1	29	3.9998
12/7/1990 20:00	0	-21.619	0	29	5
12/7/1990 21:00	0	-21.619	0	29	6.0002
12/7/1990 22:00	0	-21.619	0	29	5
12/7/1990 23:00	0	-21.619	0	29	6.0002
13/07/90 00:00	0	-21.619	0	29	6.0002
13/07/90 01:00	0	-21.619	0	29	6.0002
13/07/90 02:00	0	-21.619	0	28	6.0002
13/07/90 03:00	0	-21.619	0	28	6.0002
13/07/90 04:00	0	-21.619	0	28	6.0002
13/07/90 05:00	0	-21.619	1	28	6.0002
13/07/90 06:00	1140.7	1092.3	66.001	28	6.0002
13/07/90 07:00	5438.1	5305	267	28	5
13/07/90 08:00	10493	10182	491.01	28	5
13/07/90 09:00	14597	14074	685.99	28	6.0002
13/07/90 10:00	17605	16881	840	29	6.0002
13/07/90 11:00	19600	18726	953	29	6.0002
13/07/90 12:00	19623	18744	979	29	6.0002
13/07/90 13:00	19308	18458	932	29	6.0002
13/07/90 14:00	17457	16744	831	29	6.0002
13/07/90 15:00	14526	14008	684.99	29	6.0002
13/07/90 16:00	10537	10224	494.01	29	6.0002
13/07/90 17:00	5691.2	5551.3	281	29	6.0002
13/07/90 18:00	1234.9	1185.1	75.001	29	5
13/07/90 19:00	0	-21.619	2	29	6.0002
13/07/90 20:00	0	-21.619	0	29	6.0002
13/07/90 21:00	0	-21.619	0	29	6.0002
13/07/90 22:00	0	-21.619	0	28	6.0002
13/07/90 23:00	0	-21.619	0	28	6.0002
14/07/90 00:00	0	-21.619	0	29	6.0002
14/07/90 01:00	0	-21.619	0	28	5
14/07/90 02:00	0	-21.619	0	27	6.0002
14/07/90 03:00	0	-21.619	0	27	6.0002
14/07/90 04:00	0	-21.619	0	28	6.0002
14/07/90 05:00	0	-21.619	1	28	5
14/07/90 06:00	710.63	668.6	37.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
14/07/90 07:00	4696.7	4582.7	229	28	6.9999
14/07/90 08:00	10620	10303	496.01	28	6.9999
14/07/90 09:00	14580	14058	682.99	28	8.0001
14/07/90 10:00	17597	16873	832	28	8.0001
14/07/90 11:00	17687	16956	842	29	8.0001
14/07/90 12:00	17719	16986	845	29	8.0001
14/07/90 13:00	18507	17717	885	29	8.0001
14/07/90 14:00	17832	17091	850	29	6.9999
14/07/90 15:00	14909	14367	703	29	6.9999
14/07/90 16:00	10761	10437	504.01	29	6.9999
14/07/90 17:00	5723.8	5583	283	29	6.0002
14/07/90 18:00	1265.1	1214.8	78.001	29	5
14/07/90 19:00	0	-21.619	2	29	6.0002
14/07/90 20:00	0	-21.619	0	29	6.0002
14/07/90 21:00	0	-21.619	0	29	5
14/07/90 22:00	0	-21.619	0	29	5
14/07/90 23:00	0	-21.619	0	29	5
15/07/90 00:00	0	-21.619	0	29	6.0002
15/07/90 01:00	0	-21.619	0	29	6.0002
15/07/90 02:00	0	-21.619	0	29	6.0002
15/07/90 03:00	0	-21.619	0	29	6.9999
15/07/90 04:00	0	-21.619	0	29	6.9999
15/07/90 05:00	0	-21.619	1	29	6.9999
15/07/90 06:00	673.49	632.05	36.001	29	6.9999
15/07/90 07:00	2029.3	1966.3	100	29	8.0001
15/07/90 08:00	7524.5	7328.1	356.01	29	8.0001
15/07/90 09:00	14651	14125	688.99	29	8.0001
15/07/90 10:00	18011	17256	857	29	8.0001
15/07/90 11:00	19485	18621	939	29	8.0001
15/07/90 12:00	17031	16347	810	29	8.0001
15/07/90 13:00	15637	15047	742	29	8.0001
15/07/90 14:00	14870	14331	703	29	6.9999
15/07/90 15:00	9201.1	8944.7	431.01	29	6.9999
15/07/90 16:00	2634.7	2562.5	130	29	6.0002
15/07/90 17:00	4735.5	4620.9	232	29	5
15/07/90 18:00	1183.6	1134.7	70.001	29	5
15/07/90 19:00	0	-21.619	2	29	5
15/07/90 20:00	0	-21.619	0	29	3.9998
15/07/90 21:00	0	-21.619	0	29	3.9998
15/07/90 22:00	0	-21.619	0	29	3.9998
15/07/90 23:00	0	-21.619	0	28	3.9998
16/07/90 00:00	0	-21.619	0	28	3.9998
16/07/90 01:00	0	-21.619	0	28	3.0001
16/07/90 02:00	0	-21.619	0	28	3.9998
16/07/90 03:00	0	-21.619	0	28	3.0001
16/07/90 04:00	0	-21.619	0	28	3.0001
16/07/90 05:00	0	-21.619	0	27	3.9998
16/07/90 06:00	892.11	847.4	50.001	27	5
16/07/90 07:00	2211	2144.9	108	27	5
16/07/90 08:00	2733.5	2659.3	134	27	5
16/07/90 09:00	5097	4973	248	28	3.9998
16/07/90 10:00	7268.2	7080.3	353.01	28	3.9998
16/07/90 11:00	9132.5	8878.6	439.01	28	6.0002
16/07/90 12:00	11870	11494	566.99	29	6.0002
16/07/90 13:00	18235	17465	875	29	6.0002
16/07/90 14:00	16437	15794	780	29	6.0002
16/07/90 15:00	12688	12270	597.99	29	6.0002
16/07/90 16:00	9882.3	9598.4	464.01	29	6.0002
16/07/90 17:00	5354.7	5224.1	264	29	6.0002
16/07/90 18:00	1189.5	1140.4	74.001	29	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/07/90 19:00	0	-21.619	2	29	6.0002
16/07/90 20:00	0	-21.619	0	29	6.0002
16/07/90 21:00	0	-21.619	0	29	6.0002
16/07/90 22:00	0	-21.619	0	29	6.0002
16/07/90 23:00	0	-21.619	0	29	6.0002
17/07/90 00:00	0	-21.619	0	29	6.0002
17/07/90 01:00	0	-21.619	0	29	6.0002
17/07/90 02:00	0	-21.619	0	28	6.0002
17/07/90 03:00	0	-21.619	0	27	6.0002
17/07/90 04:00	0	-21.619	0	27	6.0002
17/07/90 05:00	0	-21.619	1	28	5
17/07/90 06:00	1080.6	1033.2	63.001	28	5
17/07/90 07:00	5320.4	5190.5	262	28	5
17/07/90 08:00	10372	10067	487.01	29	5
17/07/90 09:00	14613	14090	688.99	29	6.0002
17/07/90 10:00	17761	17025	848	29	6.0002
17/07/90 11:00	19594	18721	952	29	6.0002
17/07/90 12:00	19617	18739	967	29	6.0002
17/07/90 13:00	18449	17663	886	29	6.0002
17/07/90 14:00	17844	17103	851	29	6.0002
17/07/90 15:00	14794	14259	697.99	29	6.0002
17/07/90 16:00	10357	10052	486.01	29	6.0002
17/07/90 17:00	4172.3	4071.2	204	29	6.0002
17/07/90 18:00	923.55	878.56	51.001	29	6.0002
17/07/90 19:00	0	-21.619	2	29	6.0002
17/07/90 20:00	0	-21.619	0	29	6.0002
17/07/90 21:00	0	-21.619	0	29	6.0002
17/07/90 22:00	0	-21.619	0	29	6.0002
17/07/90 23:00	0	-21.619	0	29	5
18/07/90 00:00	0	-21.619	0	29	5
18/07/90 01:00	0	-21.619	0	29	6.0002
18/07/90 02:00	0	-21.619	0	29	6.9999
18/07/90 03:00	0	-21.619	0	29	8.0001
18/07/90 04:00	0	-21.619	0	29	8.0001
18/07/90 05:00	0	-21.619	1	29	6.9999
18/07/90 06:00	1071.5	1024.3	61.001	29	6.0002
18/07/90 07:00	5204.2	5077.6	256	29	6.0002
18/07/90 08:00	8211.3	7991.3	387.01	29	6.9999
18/07/90 09:00	9520.6	9252	450.01	29	6.0002
18/07/90 10:00	17193	16498	818	29	6.0002
18/07/90 11:00	19436	18577	939	29	6.0002
18/07/90 12:00	19213	18371	926	29	6.0002
18/07/90 13:00	15889	15283	757	29	6.0002
18/07/90 14:00	15596	15009	740	29	6.0002
18/07/90 15:00	14629	14105	690.99	29	5
18/07/90 16:00	10608	10292	498.01	29	5
18/07/90 17:00	5539.5	5403.9	273	29	5
18/07/90 18:00	1175.3	1126.5	68.001	29	5
18/07/90 19:00	0	-21.619	1	29	6.0002
18/07/90 20:00	0	-21.619	0	29	6.0002
18/07/90 21:00	0	-21.619	0	29	6.9999
18/07/90 22:00	0	-21.619	0	28	6.9999
18/07/90 23:00	0	-21.619	0	28	6.9999
19/07/90 00:00	0	-21.619	0	27	6.9999
19/07/90 01:00	0	-21.619	0	27	6.9999
19/07/90 02:00	0	-21.619	0	28	6.9999
19/07/90 03:00	0	-21.619	0	28	6.0002
19/07/90 04:00	0	-21.619	0	28	6.0002
19/07/90 05:00	0	-21.619	1	28	5
19/07/90 06:00	870.2	825.9	47.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
19/07/90 07:00	4568.6	4457.8	224	28	5
19/07/90 08:00	9185.1	8929.5	432.01	29	5
19/07/90 09:00	12705	12287	598.99	29	6.0002
19/07/90 10:00	13187	12743	624.99	29	6.9999
19/07/90 11:00	17312	16608	826	29	6.9999
19/07/90 12:00	17078	16391	813	29	6.9999
19/07/90 13:00	17956	17207	858	29	6.9999
19/07/90 14:00	17173	16479	815	29	6.9999
19/07/90 15:00	14779	14245	695.99	29	6.9999
19/07/90 16:00	10739	10416	503.01	29	6.9999
19/07/90 17:00	5666.4	5527.2	280	29	6.0002
19/07/90 18:00	1214.1	1164.7	75.001	29	6.0002
19/07/90 19:00	0	-21.619	2	29	6.0002
19/07/90 20:00	0	-21.619	0	29	6.0002
19/07/90 21:00	0	-21.619	0	28	6.9999
19/07/90 22:00	0	-21.619	0	28	6.0002
19/07/90 23:00	0	-21.619	0	28	6.0002
20/07/90 00:00	0	-21.619	0	28	5
20/07/90 01:00	0	-21.619	0	28	5
20/07/90 02:00	0	-21.619	0	28	5
20/07/90 03:00	0	-21.619	0	28	6.9999
20/07/90 04:00	0	-21.619	0	28	6.9999
20/07/90 05:00	0	-21.619	1	27	6.0002
20/07/90 06:00	711.51	669.4	37.001	27	6.9999
20/07/90 07:00	3104.4	3024.1	151	28	6.9999
20/07/90 08:00	5452.3	5319.1	261	29	6.9999
20/07/90 09:00	9103.8	8851.1	432.01	29	6.9999
20/07/90 10:00	14043	13552	663.99	29	6.9999
20/07/90 11:00	14491	13975	689.99	29	6.9999
20/07/90 12:00	19335	18484	938	30	6.0002
20/07/90 13:00	19612	18735	963	30	6.0002
20/07/90 14:00	17206	16510	818	29	6.0002
20/07/90 15:00	13481	13021	633.99	29	6.9999
20/07/90 16:00	9597.9	9325.9	451.01	29	6.0002
20/07/90 17:00	5305.5	5176.2	261	29	5
20/07/90 18:00	1113.7	1065.9	69.001	29	6.0002
20/07/90 19:00	0	-21.619	2	29	6.0002
20/07/90 20:00	0	-21.619	0	29	6.0002
20/07/90 21:00	0	-21.619	0	29	6.0002
20/07/90 22:00	0	-21.619	0	29	6.0002
20/07/90 23:00	0	-21.619	0	29	6.0002
21/07/90 00:00	0	-21.619	0	29	6.0002
21/07/90 01:00	0	-21.619	0	29	6.9999
21/07/90 02:00	0	-21.619	0	28	6.9999
21/07/90 03:00	0	-21.619	0	28	6.9999
21/07/90 04:00	0	-21.619	0	28	6.9999
21/07/90 05:00	0	-21.619	1	28	6.9999
21/07/90 06:00	996.34	950.16	58.001	28	6.9999
21/07/90 07:00	5417.6	5285.1	267	28	6.9999
21/07/90 08:00	8766.6	8526.4	410.01	28	6.9999
21/07/90 09:00	14096	13602	661.99	28	6.0002
21/07/90 10:00	14980	14433	710	29	6.0002
21/07/90 11:00	15002	14454	713	29	6.0002
21/07/90 12:00	19048	18218	915	28	6.0002
21/07/90 13:00	19038	18209	917	29	6.0002
21/07/90 14:00	13658	13188	646.99	28	6.0002
21/07/90 15:00	10999	10664	518.99	28	5
21/07/90 16:00	9233.3	8975.5	433.01	28	5
21/07/90 17:00	4360.2	4254.4	213	28	6.0002
21/07/90 18:00	1112.2	1064.2	64.001	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/07/90 19:00	0	-21.619	1	28	6.0002
21/07/90 20:00	0	-21.619	0	29	6.0002
21/07/90 21:00	0	-21.619	0	29	6.0002
21/07/90 22:00	0	-21.619	0	29	5
21/07/90 23:00	0	-21.619	0	29	5
22/07/90 00:00	0	-21.619	0	29	3.9998
22/07/90 01:00	0	-21.619	0	29	3.9998
22/07/90 02:00	0	-21.619	0	29	5
22/07/90 03:00	0	-21.619	0	29	5
22/07/90 04:00	0	-21.619	0	29	5
22/07/90 05:00	0	-21.619	1	29	5
22/07/90 06:00	1069.1	1021.9	67.001	29	5
22/07/90 07:00	5329.2	5199.3	265	29	5
22/07/90 08:00	10453	10144	491.01	29	5
22/07/90 09:00	14676	14149	693.99	29	5
22/07/90 10:00	17809	17071	854	29	3.9998
22/07/90 11:00	19554	18687	952	29	3.9998
22/07/90 12:00	19551	18684	951	29	3.9998
22/07/90 13:00	19607	18733	964	29	3.0001
22/07/90 14:00	17953	17205	864	29	3.0001
22/07/90 15:00	14913	14372	707	29	3.9998
22/07/90 16:00	10776	10452	507.01	29	3.9998
22/07/90 17:00	5740.7	5599.5	285	29	3.9998
22/07/90 18:00	1176.1	1127.2	73.001	29	3.9998
22/07/90 19:00	0	-21.619	1	29	3.9998
22/07/90 20:00	0	-21.619	0	29	3.9998
22/07/90 21:00	0	-21.619	0	29	3.9998
22/07/90 22:00	0	-21.619	0	29	5
22/07/90 23:00	0	-21.619	0	28	5
23/07/90 00:00	0	-21.619	0	28	5
23/07/90 01:00	0	-21.619	0	28	3.9998
23/07/90 02:00	0	-21.619	0	27	3.9998
23/07/90 03:00	0	-21.619	0	27	3.0001
23/07/90 04:00	0	-21.619	0	27	3.0001
23/07/90 05:00	0	-21.619	1	27	3.0001
23/07/90 06:00	1073	1025.5	69.001	27	3.9998
23/07/90 07:00	5446.8	5313.6	269	27	3.9998
23/07/90 08:00	9440.3	9174.7	443.01	28	3.9998
23/07/90 09:00	13415	12959	633.99	28	3.0001
23/07/90 10:00	13587	13122	641.99	28	3.0001
23/07/90 11:00	15118	14563	721	28	3.0001
23/07/90 12:00	19607	18732	958	28	3.0001
23/07/90 13:00	19086	18254	925	28	3.0001
23/07/90 14:00	15254	14692	727	29	1.9999
23/07/90 15:00	14711	14183	697.99	29	3.0001
23/07/90 16:00	10668	10349	503.01	29	1.9999
23/07/90 17:00	5673.4	5534.2	282	29	3.0001
23/07/90 18:00	1215.5	1166.1	77.001	29	1.9999
23/07/90 19:00	0	-21.619	1	29	1.9999
23/07/90 20:00	0	-21.619	0	28	3.0001
23/07/90 21:00	0	-21.619	0	29	3.0001
23/07/90 22:00	0	-21.619	0	29	3.9998
23/07/90 23:00	0	-21.619	0	29	3.9998
24/07/90 00:00	0	-21.619	0	28	3.9998
24/07/90 01:00	0	-21.619	0	28	3.9998
24/07/90 02:00	0	-21.619	0	28	3.9998
24/07/90 03:00	0	-21.619	0	28	3.9998
24/07/90 04:00	0	-21.619	0	28	3.9998
24/07/90 05:00	0	-21.619	1	28	3.0001
24/07/90 06:00	1046.3	999.22	67.001	27	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
24/07/90 07:00	5441.3	5308.1	270	27	5
24/07/90 08:00	10255	9954.4	479.01	27	5
24/07/90 09:00	8091.3	7875.5	384.01	28	5
24/07/90 10:00	8712.6	8474.4	418.01	28	5
24/07/90 11:00	10894	10565	519.99	28	5
24/07/90 12:00	16626	15970	793	28	5
24/07/90 13:00	16837	16167	808	29	3.9998
24/07/90 14:00	16486	15840	786	29	3.9998
24/07/90 15:00	6356.1	6197.3	306	29	3.0001
24/07/90 16:00	5323.4	5193.9	254	29	3.0001
24/07/90 17:00	5529	5393.8	272	29	3.9998
24/07/90 18:00	1160.2	1111.6	72.001	29	3.9998
24/07/90 19:00	0	-21.619	1	29	3.9998
24/07/90 20:00	0	-21.619	0	28	3.9998
24/07/90 21:00	0	-21.619	0	27	3.9998
24/07/90 22:00	0	-21.619	0	27	3.9998
24/07/90 23:00	0	-21.619	0	27	3.9998
25/07/90 00:00	0	-21.619	0	27	5
25/07/90 01:00	0	-21.619	0	27	5
25/07/90 02:00	0	-21.619	0	27	3.9998
25/07/90 03:00	0	-21.619	0	27	3.9998
25/07/90 04:00	0	-21.619	0	27	3.9998
25/07/90 05:00	0	-21.619	1	28	3.9998
25/07/90 06:00	1001.3	954.91	57.001	27	3.9998
25/07/90 07:00	5069.4	4946	249	27	6.9999
25/07/90 08:00	10153	9856.7	473.01	27	6.9999
25/07/90 09:00	13209	12763	619.99	28	6.9999
25/07/90 10:00	16484	15837	779	28	6.9999
25/07/90 11:00	13064	12626	618.99	28	6.9999
25/07/90 12:00	17216	16519	821	29	6.9999
25/07/90 13:00	17798	17060	850	29	6.9999
25/07/90 14:00	13869	13388	658.99	29	6.0002
25/07/90 15:00	12112	11723	570.99	29	6.0002
25/07/90 16:00	9588.7	9317.3	451.01	29	5
25/07/90 17:00	5294.2	5165.2	261	29	5
25/07/90 18:00	1095	1047.4	64.001	29	3.9998
25/07/90 19:00	0	-21.619	1	29	3.9998
25/07/90 20:00	0	-21.619	0	29	3.9998
25/07/90 21:00	0	-21.619	0	29	3.9998
25/07/90 22:00	0	-21.619	0	29	5
25/07/90 23:00	0	-21.619	0	29	5
26/07/90 00:00	0	-21.619	0	29	5
26/07/90 01:00	0	-21.619	0	28	5
26/07/90 02:00	0	-21.619	0	28	6.0002
26/07/90 03:00	0	-21.619	0	28	6.0002
26/07/90 04:00	0	-21.619	0	27	6.0002
26/07/90 05:00	0	-21.619	1	27	5
26/07/90 06:00	948.83	903.27	54.001	27	6.0002
26/07/90 07:00	4757	4641.5	234	28	6.0002
26/07/90 08:00	9454.3	9188	443.01	28	6.0002
26/07/90 09:00	12644	12228	593.99	28	6.0002
26/07/90 10:00	17767	17031	847	29	6.0002
26/07/90 11:00	19607	18732	954	29	6.0002
26/07/90 12:00	19628	18749	992	29	6.0002
26/07/90 13:00	19611	18734	959	29	6.0002
26/07/90 14:00	17956	17207	858	29	6.0002
26/07/90 15:00	14822	14285	699.99	29	6.0002
26/07/90 16:00	10578	10263	496.01	29	6.0002
26/07/90 17:00	5337.9	5207.8	264	29	5
26/07/90 18:00	1098.4	1050.8	65.001	29	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/07/90 19:00	0	-21.619	1	29	5
26/07/90 20:00	0	-21.619	0	29	5
26/07/90 21:00	0	-21.619	0	29	5
26/07/90 22:00	0	-21.619	0	29	6.0002
26/07/90 23:00	0	-21.619	0	29	6.0002
27/07/90 00:00	0	-21.619	0	29	6.0002
27/07/90 01:00	0	-21.619	0	28	6.0002
27/07/90 02:00	0	-21.619	0	28	6.9999
27/07/90 03:00	0	-21.619	0	28	6.0002
27/07/90 04:00	0	-21.619	0	28	6.9999
27/07/90 05:00	0	-21.619	1	29	6.0002
27/07/90 06:00	746.06	703.54	39.001	28	6.0002
27/07/90 07:00	4102.5	4003	201	29	6.9999
27/07/90 08:00	8335.8	8111.3	393.01	29	6.9999
27/07/90 09:00	10244	9944.4	484.01	29	6.9999
27/07/90 10:00	12645	12230	599.99	29	6.0002
27/07/90 11:00	18714	17909	900	29	6.0002
27/07/90 12:00	16694	16034	798	29	5
27/07/90 13:00	18458	17673	888	29	5
27/07/90 14:00	17657	16930	846	30	5
27/07/90 15:00	14644	14119	691.99	29	5
27/07/90 16:00	10306	10003	484.01	29	5
27/07/90 17:00	4953.9	4833.7	243	29	5
27/07/90 18:00	808.35	765.04	43.001	29	5
27/07/90 19:00	0	-21.619	1	29	6.0002
27/07/90 20:00	0	-21.619	0	28	6.0002
27/07/90 21:00	0	-21.619	0	29	5
27/07/90 22:00	0	-21.619	0	29	5
27/07/90 23:00	0	-21.619	0	29	5
28/07/90 00:00	0	-21.619	0	28	3.0001
28/07/90 01:00	0	-21.619	0	28	3.0001
28/07/90 02:00	0	-21.619	0	28	3.9998
28/07/90 03:00	0	-21.619	0	28	5
28/07/90 04:00	0	-21.619	0	28	5
28/07/90 05:00	0	-21.619	0	28	5
28/07/90 06:00	845.29	801.44	46.001	29	5
28/07/90 07:00	4472.2	4363.9	220	29	6.0002
28/07/90 08:00	9986.3	9698.1	470.01	29	5
28/07/90 09:00	13910	13428	655.99	29	5
28/07/90 10:00	17633	16908	842	29	5
28/07/90 11:00	19496	18633	947	29	3.9998
28/07/90 12:00	19623	18743	985	29	3.9998
28/07/90 13:00	19513	18649	951	29	3.0001
28/07/90 14:00	17710	16979	848	29	3.9998
28/07/90 15:00	14524	14007	686.99	29	3.9998
28/07/90 16:00	9976.1	9688.5	469.01	29	3.9998
28/07/90 17:00	5061.4	4938.8	250	30	5
28/07/90 18:00	1029.9	983.36	58.001	29	6.0002
28/07/90 19:00	0	-21.619	1	29	6.0002
28/07/90 20:00	0	-21.619	0	29	6.0002
28/07/90 21:00	0	-21.619	0	29	3.9998
28/07/90 22:00	0	-21.619	0	29	3.9998
28/07/90 23:00	0	-21.619	0	29	5
29/07/90 00:00	0	-21.619	0	29	5
29/07/90 01:00	0	-21.619	0	29	5
29/07/90 02:00	0	-21.619	0	29	6.0002
29/07/90 03:00	0	-21.619	0	28	6.0002
29/07/90 04:00	0	-21.619	0	28	6.9999
29/07/90 05:00	0	-21.619	0	28	3.9998
29/07/90 06:00	434.31	395.94	23	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
29/07/90 07:00	2523.1	2452.5	123	28	3.9998
29/07/90 08:00	6454	6292	307	29	5
29/07/90 09:00	11886	11509	562.99	29	5
29/07/90 10:00	14955	14410	709	29	6.0002
29/07/90 11:00	18601	17804	894	29	6.0002
29/07/90 12:00	19623	18743	983	29	5
29/07/90 13:00	19586	18716	952	29	5
29/07/90 14:00	17749	17015	850	29	3.9998
29/07/90 15:00	14542	14024	686.99	29	5
29/07/90 16:00	10352	10047	486.01	29	5
29/07/90 17:00	5199	5072.5	257	29	5
29/07/90 18:00	1042.9	996.09	61.001	29	5
29/07/90 19:00	0	-21.619	1	29	5
29/07/90 20:00	0	-21.619	0	29	5
29/07/90 21:00	0	-21.619	0	29	5
29/07/90 22:00	0	-21.619	0	29	5
29/07/90 23:00	0	-21.619	0	29	5
30/07/90 00:00	0	-21.619	0	29	5
30/07/90 01:00	0	-21.619	0	29	5
30/07/90 02:00	0	-21.619	0	28	6.0002
30/07/90 03:00	0	-21.619	0	28	6.0002
30/07/90 04:00	0	-21.619	0	28	6.0002
30/07/90 05:00	0	-21.619	0	28	5
30/07/90 06:00	707.86	665.88	38.001	28	5
30/07/90 07:00	4851.2	4733.4	238	27	5
30/07/90 08:00	8840.1	8597.2	414.01	27	3.9998
30/07/90 09:00	11724	11354	553.99	28	3.9998
30/07/90 10:00	11836	11461	563.99	28	3.9998
30/07/90 11:00	16377	15738	782	28	3.9998
30/07/90 12:00	19541	18674	946	28	3.9998
30/07/90 13:00	16541	15893	795	29	3.0001
30/07/90 14:00	6488.8	6325.7	310	28	3.0001
30/07/90 15:00	5128.3	5003.5	247	28	3.9998
30/07/90 16:00	10010	9720.8	470.01	28	3.9998
30/07/90 17:00	5165.8	5040	254	28	3.9998
30/07/90 18:00	861.7	817.61	51.001	29	3.9998
30/07/90 19:00	0	-21.619	0	29	5
30/07/90 20:00	0	-21.619	0	29	5
30/07/90 21:00	0	-21.619	0	29	3.9998
30/07/90 22:00	0	-21.619	0	29	5
30/07/90 23:00	0	-21.619	0	29	5
31/07/90 00:00	0	-21.619	0	29	5
31/07/90 01:00	0	-21.619	0	29	5
31/07/90 02:00	0	-21.619	0	29	5
31/07/90 03:00	0	-21.619	0	29	6.0002
31/07/90 04:00	0	-21.619	0	28	6.0002
31/07/90 05:00	0	-21.619	1	29	5
31/07/90 06:00	982.36	936.5	59.001	29	5
31/07/90 07:00	5170.1	5044.4	258	29	5
31/07/90 08:00	10308	10006	485.01	29	3.9998
31/07/90 09:00	14568	14048	689.99	29	3.9998
31/07/90 10:00	17789	17052	853	29	3.9998
31/07/90 11:00	19603	18730	958	29	3.9998
31/07/90 12:00	19627	18747	996	29	3.9998
31/07/90 13:00	19609	18733	963	29	3.9998
31/07/90 14:00	17894	17150	861	29	3.0001
31/07/90 15:00	14761	14229	701	29	3.0001
31/07/90 16:00	10555	10241	497.01	29	3.0001
31/07/90 17:00	5405.5	5273.6	269	29	3.9998
31/07/90 18:00	1102.1	1054.3	66.001	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
31/07/90 19:00	0	-21.619	1	28	3.9998
31/07/90 20:00	0	-21.619	0	29	3.9998
31/07/90 21:00	0	-21.619	0	29	3.9998
31/07/90 22:00	0	-21.619	0	29	3.9998
31/07/90 23:00	0	-21.619	0	29	3.9998
1/8/1990 0:00	0	-21.619	0	28	6.0002
1/8/1990 1:00	0	-21.619	0	28	6.0002
1/8/1990 2:00	0	-21.619	0	28	6.0002
1/8/1990 3:00	0	-21.619	0	28	6.0002
1/8/1990 4:00	0	-21.619	0	28	6.0002
1/8/1990 5:00	0	-21.619	0	28	6.0002
1/8/1990 6:00	873.09	828.84	51.001	29	5
1/8/1990 7:00	5018.1	4896.3	247	29	5
1/8/1990 8:00	10169	9872.8	473.01	29	5
1/8/1990 9:00	14260	13757	665.99	29	5
1/8/1990 10:00	17758	17023	840	29	5
1/8/1990 11:00	19326	18476	925	29	5
1/8/1990 12:00	19618	18739	966	29	5
1/8/1990 13:00	19612	18735	956	29	5
1/8/1990 14:00	18002	17250	854	29	5
1/8/1990 15:00	14816	14281	692.99	29	5
1/8/1990 16:00	10515	10203	489.01	29	5
1/8/1990 17:00	4543.6	4433.7	222	29	5
1/8/1990 18:00	935.75	890.58	53.001	29	5
1/8/1990 19:00	0	-21.619	1	29	5
1/8/1990 20:00	0	-21.619	0	29	5
1/8/1990 21:00	0	-21.619	0	28	5
1/8/1990 22:00	0	-21.619	0	28	5
1/8/1990 23:00	0	-21.619	0	28	5
2/8/1990 0:00	0	-21.619	0	28	3.9998
2/8/1990 1:00	0	-21.619	0	28	3.9998
2/8/1990 2:00	0	-21.619	0	28	3.9998
2/8/1990 3:00	0	-21.619	0	27	3.9998
2/8/1990 4:00	0	-21.619	0	27	5
2/8/1990 5:00	0	-21.619	0	28	3.9998
2/8/1990 6:00	910.02	865.14	54.001	28	3.9998
2/8/1990 7:00	5262.7	5134.3	260	28	3.9998
2/8/1990 8:00	10126	9831.1	470.01	28	3.9998
2/8/1990 9:00	14503	13986	676.99	28	3.9998
2/8/1990 10:00	16798	16131	792	28	3.0001
2/8/1990 11:00	14922	14380	703	28	3.0001
2/8/1990 12:00	18930	18110	907	28	3.0001
2/8/1990 13:00	15663	15073	740	28	3.0001
2/8/1990 14:00	12475	12068	586.99	28	3.0001
2/8/1990 15:00	12219	11826	570.99	28	3.0001
2/8/1990 16:00	10011	9721.3	466.01	28	3.0001
2/8/1990 17:00	4226.5	4124.4	206	29	1.0002
2/8/1990 18:00	969.9	924.24	58.001	29	1.9999
2/8/1990 19:00	0	-21.619	1	28	1.0002
2/8/1990 20:00	0	-21.619	0	28	1.9999
2/8/1990 21:00	0	-21.619	0	26	1.9999
2/8/1990 22:00	0	-21.619	0	26	3.0001
2/8/1990 23:00	0	-21.619	0	26	5
3/8/1990 0:00	0	-21.619	0	26	6.0002
3/8/1990 1:00	0	-21.619	0	27	5
3/8/1990 2:00	0	-21.619	0	27	5
3/8/1990 3:00	0	-21.619	0	28	5
3/8/1990 4:00	0	-21.619	0	28	5
3/8/1990 5:00	0	-21.619	0	28	3.9998
3/8/1990 6:00	773.06	730.16	43.001	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
3/8/1990 7:00	4312.5	4207.9	210	28	3.9998
3/8/1990 8:00	10033	9742.3	464.01	27	5
3/8/1990 9:00	14359	13851	669.99	28	3.9998
3/8/1990 10:00	17866	17124	846	28	3.9998
3/8/1990 11:00	18772	17963	896	28	3.9998
3/8/1990 12:00	19124	18289	914	28	3.9998
3/8/1990 13:00	19607	18731	949	28	3.9998
3/8/1990 14:00	17233	16536	811	27	3.0001
3/8/1990 15:00	14351	13844	669.99	27	1.9999
3/8/1990 16:00	10678	10358	494.01	26	1.9999
3/8/1990 17:00	5189.4	5063	252	26	1.9999
3/8/1990 18:00	944.19	898.71	53.001	27	1.9999
3/8/1990 19:00	0	-21.619	1	27	1.9999
3/8/1990 20:00	0	-21.619	0	27	3.0001
3/8/1990 21:00	0	-21.619	0	28	3.9998
3/8/1990 22:00	0	-21.619	0	28	3.9998
3/8/1990 23:00	0	-21.619	0	28	5
4/8/1990 0:00	0	-21.619	0	28	5
4/8/1990 1:00	0	-21.619	0	28	5
4/8/1990 2:00	0	-21.619	0	28	5
4/8/1990 3:00	0	-21.619	0	28	5
4/8/1990 4:00	0	-21.619	0	28	5
4/8/1990 5:00	0	-21.619	0	28	5
4/8/1990 6:00	890.6	845.99	54.001	28	5
4/8/1990 7:00	5255.2	5127	259	28	5
4/8/1990 8:00	9710.7	9433.9	451.01	28	5
4/8/1990 9:00	13914	13431	649.99	29	5
4/8/1990 10:00	15717	15123	740	29	5
4/8/1990 11:00	19609	18732	950	29	5
4/8/1990 12:00	19629	18749	990	29	5
4/8/1990 13:00	19610	18733	954	29	5
4/8/1990 14:00	17939	17191	851	29	5
4/8/1990 15:00	14683	14156	687.99	29	3.9998
4/8/1990 16:00	10331	10027	481.01	29	3.9998
4/8/1990 17:00	5113.2	4989	251	29	5
4/8/1990 18:00	966.55	920.93	55.001	29	5
4/8/1990 19:00	0	-21.619	1	29	6.0002
4/8/1990 20:00	0	-21.619	0	29	6.9999
4/8/1990 21:00	0	-21.619	0	29	6.9999
4/8/1990 22:00	0	-21.619	0	29	6.9999
4/8/1990 23:00	0	-21.619	0	29	6.9999
5/8/1990 0:00	0	-21.619	0	29	6.9999
5/8/1990 1:00	0	-21.619	0	29	6.9999
5/8/1990 2:00	0	-21.619	0	29	8.9997
5/8/1990 3:00	0	-21.619	0	29	8.9997
5/8/1990 4:00	0	-21.619	0	29	8.9997
5/8/1990 5:00	0	-21.619	0	29	8.0001
5/8/1990 6:00	797.05	753.88	47.001	29	8.0001
5/8/1990 7:00	5056.2	4933.3	249	29	8.0001
5/8/1990 8:00	10372	10066	481.01	29	8.0001
5/8/1990 9:00	14745	14213	686.99	29	8.0001
5/8/1990 10:00	18067	17309	850	29	8.9997
5/8/1990 11:00	19607	18731	940	29	8.0001
5/8/1990 12:00	19598	18723	938	29	8.0001
5/8/1990 13:00	19441	18580	926	29	8.0001
5/8/1990 14:00	11115	10774	513.99	29	8.9997
5/8/1990 15:00	11765	11393	545.99	29	8.9997
5/8/1990 16:00	10312	10009	478.01	29	8.0001
5/8/1990 17:00	5183	5056.7	254	28	6.9999
5/8/1990 18:00	963.97	918.17	57.001	27	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
5/8/1990 19:00	0	-21.619	1	28	8.0001
5/8/1990 20:00	0	-21.619	0	28	8.9997
5/8/1990 21:00	0	-21.619	0	27	10
5/8/1990 22:00	0	-21.619	0	27	11
5/8/1990 23:00	0	-21.619	0	27	11
6/8/1990 0:00	0	-21.619	0	27	10
6/8/1990 1:00	0	-21.619	0	27	10
6/8/1990 2:00	0	-21.619	0	27	10
6/8/1990 3:00	0	-21.619	0	27	10
6/8/1990 4:00	0	-21.619	0	26	10
6/8/1990 5:00	0	-21.619	0	26	8.9997
6/8/1990 6:00	236.1	200.06	13	26	8.9997
6/8/1990 7:00	3378.9	3293.2	162	26	8.9997
6/8/1990 8:00	7301.6	7112.5	339.01	26	8.9997
6/8/1990 9:00	9417.6	9152.6	437.01	26	10
6/8/1990 10:00	3917.4	3821.7	190	27	11
6/8/1990 11:00	5527.3	5392	267	28	11
6/8/1990 12:00	5162	5036.2	250	28	10
6/8/1990 13:00	3099.2	3018.9	153	28	8.9997
6/8/1990 14:00	2770.4	2695.6	137	28	10
6/8/1990 15:00	2230.5	2164.5	111	29	11
6/8/1990 16:00	1561.7	1506.4	78.001	28	12
6/8/1990 17:00	828.01	784.23	42.001	27	10
6/8/1990 18:00	316.58	279.65	17	28	11
6/8/1990 19:00	0	-21.619	0	28	12
6/8/1990 20:00	0	-21.619	0	28	13
6/8/1990 21:00	0	-21.619	0	28	14
6/8/1990 22:00	0	-21.619	0	28	13
6/8/1990 23:00	0	-21.619	0	27	13
7/8/1990 0:00	0	-21.619	0	27	14
7/8/1990 1:00	0	-21.619	0	27	13
7/8/1990 2:00	0	-21.619	0	26	13
7/8/1990 3:00	0	-21.619	0	26	13
7/8/1990 4:00	0	-21.619	0	26	12
7/8/1990 5:00	0	-21.619	0	26	12
7/8/1990 6:00	236.09	200.04	13	26	13
7/8/1990 7:00	1638.4	1581.4	80.001	26	13
7/8/1990 8:00	2822.6	2746.5	136	26	12
7/8/1990 9:00	4607.7	4495.9	221	27	13
7/8/1990 10:00	4616.7	4504.7	223	27	12
7/8/1990 11:00	6421.2	6260	309	28	12
7/8/1990 12:00	8803.3	8561.7	417.01	28	12
7/8/1990 13:00	11584	11221	542.99	28	11
7/8/1990 14:00	9968.6	9680.7	470.01	28	11
7/8/1990 15:00	9618.5	9345.7	451.01	29	10
7/8/1990 16:00	6584.1	6417.9	310	29	10
7/8/1990 17:00	2692.3	2619.1	130	29	8.0001
7/8/1990 18:00	618.99	578.28	32	29	8.0001
7/8/1990 19:00	0	-21.619	0	29	8.0001
7/8/1990 20:00	0	-21.619	0	29	6.9999
7/8/1990 21:00	0	-21.619	0	28	6.9999
7/8/1990 22:00	0	-21.619	0	28	6.9999
7/8/1990 23:00	0	-21.619	0	28	6.9999
8/8/1990 0:00	0	-21.619	0	28	6.9999
8/8/1990 1:00	0	-21.619	0	28	6.0002
8/8/1990 2:00	0	-21.619	0	28	6.0002
8/8/1990 3:00	0	-21.619	0	28	6.0002
8/8/1990 4:00	0	-21.619	0	28	6.9999
8/8/1990 5:00	0	-21.619	0	27	6.0002
8/8/1990 6:00	426.46	388.19	23	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
8/8/1990 7:00	3635.1	3545.2	176	28	5
8/8/1990 8:00	7466.8	7272.3	350.01	28	3.9998
8/8/1990 9:00	13515	13054	629.99	28	5
8/8/1990 10:00	17654	16926	831	28	5
8/8/1990 11:00	19606	18730	944	28	5
8/8/1990 12:00	19630	18750	987	28	6.0002
8/8/1990 13:00	19612	18734	951	28	6.0002
8/8/1990 14:00	17920	17173	848	29	6.0002
8/8/1990 15:00	14655	14130	683.99	29	6.0002
8/8/1990 16:00	10267	9965.7	475.01	28	6.9999
8/8/1990 17:00	4948.6	4828.3	243	28	6.0002
8/8/1990 18:00	871.53	827.21	51.001	28	5
8/8/1990 19:00	0	-21.619	0	28	6.0002
8/8/1990 20:00	0	-21.619	0	28	6.0002
8/8/1990 21:00	0	-21.619	0	28	6.0002
8/8/1990 22:00	0	-21.619	0	28	6.0002
8/8/1990 23:00	0	-21.619	0	28	6.9999
9/8/1990 0:00	0	-21.619	0	28	6.0002
9/8/1990 1:00	0	-21.619	0	28	6.9999
9/8/1990 2:00	0	-21.619	0	28	8.0001
9/8/1990 3:00	0	-21.619	0	27	6.9999
9/8/1990 4:00	0	-21.619	0	27	6.9999
9/8/1990 5:00	0	-21.619	0	28	6.0002
9/8/1990 6:00	882.95	838.36	54.001	27	8.0001
9/8/1990 7:00	5283.3	5154.4	260	26	6.0002
9/8/1990 8:00	9746.2	9467.9	451.01	27	3.9998
9/8/1990 9:00	14782	14247	688.99	27	3.9998
9/8/1990 10:00	18030	17275	850	28	6.0002
9/8/1990 11:00	19540	18671	928	27	6.9999
9/8/1990 12:00	12649	12233	590.99	27	6.0002
9/8/1990 13:00	14826	14288	689.99	27	8.0001
9/8/1990 14:00	17627	16898	820	26	8.0001
9/8/1990 15:00	11738	11368	543.99	27	5
9/8/1990 16:00	6428.7	6267.4	300	27	6.9999
9/8/1990 17:00	4936.1	4816.2	240	26	8.0001
9/8/1990 18:00	948.49	902.93	57.001	27	6.0002
9/8/1990 19:00	0	-21.619	0	28	6.0002
9/8/1990 20:00	0	-21.619	0	28	6.9999
9/8/1990 21:00	0	-21.619	0	27	8.0001
9/8/1990 22:00	0	-21.619	0	28	6.9999
9/8/1990 23:00	0	-21.619	0	26	6.9999
10/8/1990 0:00	0	-21.619	0	27	6.9999
10/8/1990 1:00	0	-21.619	0	27	6.9999
10/8/1990 2:00	0	-21.619	0	28	6.9999
10/8/1990 3:00	0	-21.619	0	27	8.0001
10/8/1990 4:00	0	-21.619	0	26	8.9997
10/8/1990 5:00	0	-21.619	0	26	6.9999
10/8/1990 6:00	845.55	801.42	50.001	26	6.9999
10/8/1990 7:00	4932.1	4812.3	242	27	6.0002
10/8/1990 8:00	8451.1	8222.5	392.01	27	6.9999
10/8/1990 9:00	10666	10347	494.01	26	6.9999
10/8/1990 10:00	12819	12394	598.99	27	6.0002
10/8/1990 11:00	16224	15594	761	27	6.0002
10/8/1990 12:00	17725	16992	837	27	5
10/8/1990 13:00	19255	18408	910	26	6.0002
10/8/1990 14:00	12597	12183	584.99	26	6.0002
10/8/1990 15:00	14242	13739	657.99	26	6.0002
10/8/1990 16:00	10391	10084	478.01	26	6.9999
10/8/1990 17:00	4683.7	4570	228	27	6.0002
10/8/1990 18:00	728.32	685.98	39.001	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
10/8/1990 19:00	0	-21.619	0	27	5
10/8/1990 20:00	0	-21.619	0	27	6.0002
10/8/1990 21:00	0	-21.619	0	26	8.0001
10/8/1990 22:00	0	-21.619	0	27	6.9999
10/8/1990 23:00	0	-21.619	0	26	6.9999
11/8/1990 0:00	0	-21.619	0	26	8.0001
11/8/1990 1:00	0	-21.619	0	27	6.9999
11/8/1990 2:00	0	-21.619	0	26	6.9999
11/8/1990 3:00	0	-21.619	0	26	6.9999
11/8/1990 4:00	0	-21.619	0	27	6.9999
11/8/1990 5:00	0	-21.619	0	27	6.0002
11/8/1990 6:00	346.31	309	19	27	5
11/8/1990 7:00	4467.5	4359.1	217	26	5
11/8/1990 8:00	10438	10129	481.01	26	6.0002
11/8/1990 9:00	13391	12935	618.99	26	6.0002
11/8/1990 10:00	13565	13100	628.99	27	6.0002
11/8/1990 11:00	15366	14794	720	27	5
11/8/1990 12:00	10273	9971.6	483.01	27	5
11/8/1990 13:00	6523.1	6358.8	314	27	5
11/8/1990 14:00	8095	7879	385.01	28	5
11/8/1990 15:00	7433.3	7239.9	351.01	27	5
11/8/1990 16:00	3908.6	3813.1	187	27	3.9998
11/8/1990 17:00	1789.7	1730.4	87.001	27	1.9999
11/8/1990 18:00	439.94	401.46	23	27	1.9999
11/8/1990 19:00	0	-21.619	0	28	3.9998
11/8/1990 20:00	0	-21.619	0	28	5
11/8/1990 21:00	0	-21.619	0	28	6.0002
11/8/1990 22:00	0	-21.619	0	28	6.9999
11/8/1990 23:00	0	-21.619	0	29	6.9999
12/8/1990 0:00	0	-21.619	0	28	6.9999
12/8/1990 1:00	0	-21.619	0	28	6.9999
12/8/1990 2:00	0	-21.619	0	28	6.9999
12/8/1990 3:00	0	-21.619	0	28	6.9999
12/8/1990 4:00	0	-21.619	0	28	8.0001
12/8/1990 5:00	0	-21.619	0	28	6.9999
12/8/1990 6:00	831.69	787.95	49.001	28	6.9999
12/8/1990 7:00	4878.3	4759.8	241	28	6.9999
12/8/1990 8:00	9830.1	9548.3	455.01	28	6.9999
12/8/1990 9:00	12248	11853	570.99	29	6.0002
12/8/1990 10:00	11625	11261	540.99	29	6.0002
12/8/1990 11:00	18434	17650	879	29	5
12/8/1990 12:00	18299	17525	873	29	5
12/8/1990 13:00	16579	15927	785	29	5
12/8/1990 14:00	17186	16492	811	29	5
12/8/1990 15:00	13697	13226	639.99	29	5
12/8/1990 16:00	8853.7	8610.6	414.01	29	5
12/8/1990 17:00	4538	4428.3	223	29	3.9998
12/8/1990 18:00	787.52	744.5	45.001	29	5
12/8/1990 19:00	0	-21.619	0	29	5
12/8/1990 20:00	0	-21.619	0	29	6.0002
12/8/1990 21:00	0	-21.619	0	29	6.0002
12/8/1990 22:00	0	-21.619	0	29	6.0002
12/8/1990 23:00	0	-21.619	0	29	5
13/08/90 00:00	0	-21.619	0	29	6.0002
13/08/90 01:00	0	-21.619	0	29	6.0002
13/08/90 02:00	0	-21.619	0	29	6.9999
13/08/90 03:00	0	-21.619	0	29	6.9999
13/08/90 04:00	0	-21.619	0	29	6.9999
13/08/90 05:00	0	-21.619	0	29	6.9999
13/08/90 06:00	702.48	660.64	38.001	29	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
13/08/90 07:00	4431.3	4323.8	216	28	6.9999
13/08/90 08:00	9616.2	9343.4	446.01	28	6.9999
13/08/90 09:00	14299	13793	663.99	28	6.9999
13/08/90 10:00	17754	17018	831	28	8.0001
13/08/90 11:00	19564	18692	938	29	6.9999
13/08/90 12:00	19622	18743	973	29	6.9999
13/08/90 13:00	18888	18070	898	29	6.9999
13/08/90 14:00	16755	16090	785	29	8.0001
13/08/90 15:00	14210	13710	660.99	29	8.0001
13/08/90 16:00	9638.5	9364.9	448.01	29	8.0001
13/08/90 17:00	3972.6	3876.1	194	29	6.9999
13/08/90 18:00	632.68	591.79	34.001	29	6.9999
13/08/90 19:00	0	-21.619	0	29	6.9999
13/08/90 20:00	0	-21.619	0	29	8.0001
13/08/90 21:00	0	-21.619	0	29	8.0001
13/08/90 22:00	0	-21.619	0	29	8.0001
13/08/90 23:00	0	-21.619	0	29	8.0001
14/08/90 00:00	0	-21.619	0	29	8.9997
14/08/90 01:00	0	-21.619	0	28	8.9997
14/08/90 02:00	0	-21.619	0	27	8.9997
14/08/90 03:00	0	-21.619	0	27	8.0001
14/08/90 04:00	0	-21.619	0	27	8.0001
14/08/90 05:00	0	-21.619	0	27	6.9999
14/08/90 06:00	326.2	289.12	18	27	6.9999
14/08/90 07:00	4602.8	4491.2	225	28	6.0002
14/08/90 08:00	10094	9800.9	466.01	27	6.9999
14/08/90 09:00	13156	12712	608.99	27	6.9999
14/08/90 10:00	16313	15676	757	26	6.9999
14/08/90 11:00	18546	17752	874	27	6.9999
14/08/90 12:00	19348	18493	916	27	6.9999
14/08/90 13:00	17486	16768	821	27	6.9999
14/08/90 14:00	11778	11405	547.99	27	6.9999
14/08/90 15:00	12283	11885	568.99	27	6.0002
14/08/90 16:00	8608.2	8373.8	400.01	28	5
14/08/90 17:00	4736.7	4621.8	234	28	5
14/08/90 18:00	806.45	763.07	48.001	28	5
14/08/90 19:00	0	-21.619	0	27	6.9999
14/08/90 20:00	0	-21.619	0	27	6.9999
14/08/90 21:00	0	-21.619	0	26	6.9999
14/08/90 22:00	0	-21.619	0	27	6.0002
14/08/90 23:00	0	-21.619	0	27	6.0002
15/08/90 00:00	0	-21.619	0	27	6.0002
15/08/90 01:00	0	-21.619	0	27	6.9999
15/08/90 02:00	0	-21.619	0	27	6.9999
15/08/90 03:00	0	-21.619	0	27	6.0002
15/08/90 04:00	0	-21.619	0	27	6.0002
15/08/90 05:00	0	-21.619	0	28	6.9999
15/08/90 06:00	788.29	745.17	47.001	28	6.9999
15/08/90 07:00	4724	4609.3	233	28	6.9999
15/08/90 08:00	8909.7	8664.2	413.01	28	8.0001
15/08/90 09:00	13940	13455	645.99	28	8.0001
15/08/90 10:00	16916	16240	794	29	6.9999
15/08/90 11:00	19313	18463	920	29	6.9999
15/08/90 12:00	19619	18740	968	29	6.9999
15/08/90 13:00	19588	18714	941	29	6.9999
15/08/90 14:00	17187	16492	807	29	6.9999
15/08/90 15:00	13861	13381	644.99	29	6.9999
15/08/90 16:00	9846.1	9563.9	458.01	29	6.0002
15/08/90 17:00	4632.2	4520.2	229	29	5
15/08/90 18:00	685.2	643.6	39.001	29	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
15/08/90 19:00	0	-21.619	0	29	5
15/08/90 20:00	0	-21.619	0	29	5
15/08/90 21:00	0	-21.619	0	29	5
15/08/90 22:00	0	-21.619	0	29	6.0002
15/08/90 23:00	0	-21.619	0	29	5
16/08/90 00:00	0	-21.619	0	29	5
16/08/90 01:00	0	-21.619	0	28	3.9998
16/08/90 02:00	0	-21.619	0	28	5
16/08/90 03:00	0	-21.619	0	28	6.0002
16/08/90 04:00	0	-21.619	0	28	6.0002
16/08/90 05:00	0	-21.619	0	28	3.9998
16/08/90 06:00	803.98	760.65	45.001	28	3.9998
16/08/90 07:00	3173.8	3092.3	155	28	3.9998
16/08/90 08:00	3377.9	3292.8	162	28	3.9998
16/08/90 09:00	13248	12800	618.99	28	3.9998
16/08/90 10:00	17921	17175	852	29	3.9998
16/08/90 11:00	19607	18731	957	29	3.9998
16/08/90 12:00	19626	18747	992	29	3.9998
16/08/90 13:00	19605	18730	954	29	3.9998
16/08/90 14:00	17856	17115	848	29	3.9998
16/08/90 15:00	14550	14031	681.99	29	3.9998
16/08/90 16:00	10156	9860	473.01	29	5
16/08/90 17:00	4780.8	4665.1	239	29	3.9998
16/08/90 18:00	725.08	682.93	44.001	29	5
16/08/90 19:00	0	-21.619	0	29	6.0002
16/08/90 20:00	0	-21.619	0	29	6.0002
16/08/90 21:00	0	-21.619	0	29	6.0002
16/08/90 22:00	0	-21.619	0	29	6.0002
16/08/90 23:00	0	-21.619	0	29	5
17/08/90 00:00	0	-21.619	0	29	5
17/08/90 01:00	0	-21.619	0	29	5
17/08/90 02:00	0	-21.619	0	28	5
17/08/90 03:00	0	-21.619	0	28	5
17/08/90 04:00	0	-21.619	0	28	5
17/08/90 05:00	0	-21.619	0	28	3.9998
17/08/90 06:00	765.77	722.97	46.001	28	3.9998
17/08/90 07:00	4969.3	4848.6	247	28	3.0001
17/08/90 08:00	10272	9971.4	478.01	28	3.0001
17/08/90 09:00	14647	14122	685.99	28	3.0001
17/08/90 10:00	17904	17159	850	28	3.0001
17/08/90 11:00	19606	18731	956	28	3.0001
17/08/90 12:00	19624	18745	988	29	3.9998
17/08/90 13:00	19540	18672	946	29	3.9998
17/08/90 14:00	17795	17057	843	29	5
17/08/90 15:00	14094	13601	658.99	29	3.9998
17/08/90 16:00	9905.1	9620.6	462.01	29	3.9998
17/08/90 17:00	4271.2	4167.9	212	29	3.9998
17/08/90 18:00	710.68	668.73	43.001	29	3.9998
17/08/90 19:00	0	-21.619	0	28	3.0001
17/08/90 20:00	0	-21.619	0	28	3.0001
17/08/90 21:00	0	-21.619	0	28	3.9998
17/08/90 22:00	0	-21.619	0	28	3.9998
17/08/90 23:00	0	-21.619	0	28	3.9998
18/08/90 00:00	0	-21.619	0	27	5
18/08/90 01:00	0	-21.619	0	27	5
18/08/90 02:00	0	-21.619	0	27	5
18/08/90 03:00	0	-21.619	0	27	5
18/08/90 04:00	0	-21.619	0	27	5
18/08/90 05:00	0	-21.619	0	27	3.9998
18/08/90 06:00	703.46	0	42.001	28	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
18/08/90 07:00	3693.6	0	180	28	1.9999
18/08/90 08:00	9937.9	0	464.01	28	1.9999
18/08/90 09:00	11458	0	534.99	28	1.9999
18/08/90 10:00	14572	0	684.99	28	3.0001
18/08/90 11:00	13858	0	651.99	28	1.9999
18/08/90 12:00	18935	0	914	29	1.9999
18/08/90 13:00	19366	0	939	29	1.9999
18/08/90 14:00	17761	0	845	29	3.0001
18/08/90 15:00	14607	0	685.99	29	3.0001
18/08/90 16:00	10181	0	476.01	29	3.0001
18/08/90 17:00	4830.3	0	244	29	1.9999
18/08/90 18:00	700.75	0	44.001	29	1.9999
18/08/90 19:00	0	-21.619	0	29	1.9999
18/08/90 20:00	0	-21.619	0	29	1.9999
18/08/90 21:00	0	-21.619	0	28	1.9999
18/08/90 22:00	0	-21.619	0	28	3.0001
18/08/90 23:00	0	-21.619	0	28	3.0001
19/08/90 00:00	0	-21.619	0	28	3.9998
19/08/90 01:00	0	-21.619	0	28	3.9998
19/08/90 02:00	0	-21.619	0	28	3.9998
19/08/90 03:00	0	-21.619	0	28	3.9998
19/08/90 04:00	0	-21.619	0	28	3.0001
19/08/90 05:00	0	-21.619	0	29	3.0001
19/08/90 06:00	711.07	0	41.001	29	3.0001
19/08/90 07:00	4997.7	0	249	29	3.0001
19/08/90 08:00	10365	0	484.01	29	3.0001
19/08/90 09:00	14757	0	691.99	29	3.9998
19/08/90 10:00	17495	0	828	29	3.9998
19/08/90 11:00	19332	0	932	29	3.0001
19/08/90 12:00	18193	0	869	29	3.9998
19/08/90 13:00	13310	0	624.99	29	3.9998
19/08/90 14:00	13092	0	612.99	29	3.9998
19/08/90 15:00	13080	0	610.99	29	5
19/08/90 16:00	9171	0	428.01	29	5
19/08/90 17:00	4504.2	0	226	29	3.9998
19/08/90 18:00	672.76	0	42.001	29	3.9998
19/08/90 19:00	0	-21.619	0	29	3.0001
19/08/90 20:00	0	-21.619	0	29	3.0001
19/08/90 21:00	0	-21.619	0	29	3.9998
19/08/90 22:00	0	-21.619	0	29	3.9998
19/08/90 23:00	0	-21.619	0	29	5
20/08/90 00:00	0	-21.619	0	29	5
20/08/90 01:00	0	-21.619	0	29	3.9998
20/08/90 02:00	0	-21.619	0	28	3.9998
20/08/90 03:00	0	-21.619	0	28	3.9998
20/08/90 04:00	0	-21.619	0	27	5
20/08/90 05:00	0	-21.619	0	26	3.9998
20/08/90 06:00	635.2	0	34.001	27	5
20/08/90 07:00	3436.4	0	167	27	5
20/08/90 08:00	6412.5	0	300	27	5
20/08/90 09:00	2931.5	0	143	27	6.0002
20/08/90 10:00	2789.3	0	138	28	6.0002
20/08/90 11:00	3497.8	0	172	28	6.0002
20/08/90 12:00	6082.3	0	292	29	6.9999
20/08/90 13:00	9466.7	0	451.01	29	6.9999
20/08/90 14:00	11537	0	539.99	29	8.0001
20/08/90 15:00	13723	0	637.99	29	8.0001
20/08/90 16:00	9747.9	0	453.01	29	8.0001
20/08/90 17:00	4092.5	0	202	29	6.0002
20/08/90 18:00	529.25	0	29	29	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
20/08/90 19:00	0	-21.619	0	29	6.9999
20/08/90 20:00	0	-21.619	0	29	6.0002
20/08/90 21:00	0	-21.619	0	29	5
20/08/90 22:00	0	-21.619	0	29	3.9998
20/08/90 23:00	0	-21.619	0	29	3.9998
21/08/90 00:00	0	-21.619	0	28	3.9998
21/08/90 01:00	0	-21.619	0	27	3.9998
21/08/90 02:00	0	-21.619	0	27	3.9998
21/08/90 03:00	0	-21.619	0	27	3.9998
21/08/90 04:00	0	-21.619	0	27	3.9998
21/08/90 05:00	0	-21.619	0	27	3.0001
21/08/90 06:00	682.02	0	37.001	28	3.0001
21/08/90 07:00	4674.5	0	230	28	5
21/08/90 08:00	10017	0	465.01	28	5
21/08/90 09:00	14264	0	662.99	28	6.0002
21/08/90 10:00	16455	0	771	28	6.0002
21/08/90 11:00	19490	0	934	29	6.9999
21/08/90 12:00	19614	0	962	29	6.9999
21/08/90 13:00	18340	0	869	29	6.9999
21/08/90 14:00	16390	0	768	29	6.9999
21/08/90 15:00	14329	0	666.99	29	6.9999
21/08/90 16:00	9565.6	0	445.01	29	6.9999
21/08/90 17:00	4062.6	0	202	29	6.0002
21/08/90 18:00	582.08	0	34.001	29	6.0002
21/08/90 19:00	0	-21.619	0	29	5
21/08/90 20:00	0	-21.619	0	29	5
21/08/90 21:00	0	-21.619	0	29	5
21/08/90 22:00	0	-21.619	0	29	5
21/08/90 23:00	0	-21.619	0	29	3.9998
22/08/90 00:00	0	-21.619	0	29	3.9998
22/08/90 01:00	0	-21.619	0	29	3.0001
22/08/90 02:00	0	-21.619	0	28	3.0001
22/08/90 03:00	0	-21.619	0	28	3.9998
22/08/90 04:00	0	-21.619	0	28	3.9998
22/08/90 05:00	0	-21.619	0	28	5
22/08/90 06:00	658.11	616.81	37.001	28	5
22/08/90 07:00	4628.9	4516.6	228	28	3.9998
22/08/90 08:00	9983.1	9694.8	464.01	28	3.9998
22/08/90 09:00	14410	13899	673.99	28	3.0001
22/08/90 10:00	17676	16948	840	29	3.0001
22/08/90 11:00	19523	18656	947	29	3.9998
22/08/90 12:00	19621	18742	982	29	5
22/08/90 13:00	19515	18648	943	29	5
22/08/90 14:00	17630	16904	833	29	5
22/08/90 15:00	14137	13642	659.99	29	5
22/08/90 16:00	8904.2	8659.2	416.01	29	5
22/08/90 17:00	2059.9	1996.5	101	29	3.9998
22/08/90 18:00	547.4	507.64	30	29	5
22/08/90 19:00	0	-21.619	0	29	5
22/08/90 20:00	0	-21.619	0	29	5
22/08/90 21:00	0	-21.619	0	29	5
22/08/90 22:00	0	-21.619	0	29	6.0002
22/08/90 23:00	0	-21.619	0	29	6.0002
23/08/90 00:00	0	-21.619	0	29	6.0002
23/08/90 01:00	0	-21.619	0	28	6.0002
23/08/90 02:00	0	-21.619	0	28	6.0002
23/08/90 03:00	0	-21.619	0	28	6.0002
23/08/90 04:00	0	-21.619	0	28	6.9999
23/08/90 05:00	0	-21.619	0	29	6.0002
23/08/90 06:00	521.2	481.78	28	29	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
23/08/90 07:00	4512.5	4403.3	222	29	6.9999
23/08/90 08:00	10071	9778.9	468.01	29	6.9999
23/08/90 09:00	14553	14033	677.99	29	6.9999
23/08/90 10:00	17628	16902	830	29	6.9999
23/08/90 11:00	16878	16204	793	28	6.9999
23/08/90 12:00	16288	15654	759	27	8.0001
23/08/90 13:00	19611	18733	950	27	6.9999
23/08/90 14:00	17853	17110	839	28	6.9999
23/08/90 15:00	14447	13933	670.99	28	6.9999
23/08/90 16:00	9848.2	9565.6	457.01	28	6.9999
23/08/90 17:00	4475.1	4366.8	226	29	6.0002
23/08/90 18:00	628.22	587.39	37.001	29	6.9999
23/08/90 19:00	0	-21.619	0	29	8.0001
23/08/90 20:00	0	-21.619	0	29	8.0001
23/08/90 21:00	0	-21.619	0	29	8.0001
23/08/90 22:00	0	-21.619	0	28	8.0001
23/08/90 23:00	0	-21.619	0	28	8.0001
24/08/90 00:00	0	-21.619	0	28	8.0001
24/08/90 01:00	0	-21.619	0	28	8.0001
24/08/90 02:00	0	-21.619	0	29	8.0001
24/08/90 03:00	0	-21.619	0	28	8.0001
24/08/90 04:00	0	-21.619	0	27	8.0001
24/08/90 05:00	0	-21.619	0	29	6.9999
24/08/90 06:00	727.3	685.03	42.001	28	6.9999
24/08/90 07:00	4790.6	4674.5	238	29	6.9999
24/08/90 08:00	10232	9932.7	475.01	29	8.0001
24/08/90 09:00	14819	14282	687.99	28	8.0001
24/08/90 10:00	18195	17427	855	28	8.0001
24/08/90 11:00	19614	18735	959	29	8.0001
24/08/90 12:00	19632	18752	993	29	8.9997
24/08/90 13:00	18580	17783	876	28	8.9997
24/08/90 14:00	17747	17011	831	28	8.9997
24/08/90 15:00	14469	13954	670.99	28	8.0001
24/08/90 16:00	9853.1	9570.3	458.01	29	8.9997
24/08/90 17:00	4434.1	4326.8	225	29	8.0001
24/08/90 18:00	603.58	563.08	37.001	29	8.0001
24/08/90 19:00	0	-21.619	0	28	8.9997
24/08/90 20:00	0	-21.619	0	28	8.9997
24/08/90 21:00	0	-21.619	0	28	8.9997
24/08/90 22:00	0	-21.619	0	27	10
24/08/90 23:00	0	-21.619	0	27	11
25/08/90 00:00	0	-21.619	0	28	8.9997
25/08/90 01:00	0	-21.619	0	28	6.9999
25/08/90 02:00	0	-21.619	0	27	6.9999
25/08/90 03:00	0	-21.619	0	27	8.0001
25/08/90 04:00	0	-21.619	0	28	6.9999
25/08/90 05:00	0	-21.619	0	27	5
25/08/90 06:00	57.04	-21.619	7.0001	27	6.0002
25/08/90 07:00	1373.8	1321.5	68.001	27	5
25/08/90 08:00	7394.3	7202.2	345.01	27	6.0002
25/08/90 09:00	12082	11694	561.99	27	6.0002
25/08/90 10:00	15345	14774	716	27	6.0002
25/08/90 11:00	15049	14497	703	27	6.0002
25/08/90 12:00	15331	14761	722	27	5
25/08/90 13:00	13413	12957	630.99	28	5
25/08/90 14:00	16097	15476	752	27	6.0002
25/08/90 15:00	11185	10841	517.99	27	5
25/08/90 16:00	5432.8	5299.9	256	27	5
25/08/90 17:00	3272.9	3189.2	161	26	5
25/08/90 18:00	442.59	404.02	24	26	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
25/08/90 19:00	0	-21.619	0	26	5
25/08/90 20:00	0	-21.619	0	26	6.0002
25/08/90 21:00	0	-21.619	0	27	6.0002
25/08/90 22:00	0	-21.619	0	28	3.9998
25/08/90 23:00	0	-21.619	0	28	3.9998
26/08/90 00:00	0	-21.619	0	28	3.9998
26/08/90 01:00	0	-21.619	0	27	3.0001
26/08/90 02:00	0	-21.619	0	27	1.9999
26/08/90 03:00	0	-21.619	0	26	1.9999
26/08/90 04:00	0	-21.619	0	26	1.0002
26/08/90 05:00	0	-21.619	0	27	1.9999
26/08/90 06:00	656.68	615.33	37.001	27	3.0001
26/08/90 07:00	4745.2	4630	234	27	5
26/08/90 08:00	9220.5	8963.2	426.01	26	5
26/08/90 09:00	14061	13568	649.99	26	6.0002
26/08/90 10:00	13842	13362	642.99	27	6.0002
26/08/90 11:00	12356	11954	576.99	27	6.0002
26/08/90 12:00	18336	17557	864	27	6.9999
26/08/90 13:00	15093	14538	699.99	27	8.0001
26/08/90 14:00	17341	16634	809	27	8.0001
26/08/90 15:00	7526.1	7329.6	351.01	27	8.0001
26/08/90 16:00	3937.6	3841.4	187	27	6.9999
26/08/90 17:00	3747.2	3654.9	186	27	6.9999
26/08/90 18:00	530.35	490.7	31	27	6.9999
26/08/90 19:00	0	-21.619	0	26	6.9999
26/08/90 20:00	0	-21.619	0	26	6.9999
26/08/90 21:00	0	-21.619	0	27	8.0001
26/08/90 22:00	0	-21.619	0	27	8.0001
26/08/90 23:00	0	-21.619	0	27	8.9997
27/08/90 00:00	0	-21.619	0	27	10
27/08/90 01:00	0	-21.619	0	27	10
27/08/90 02:00	0	-21.619	0	27	10
27/08/90 03:00	0	-21.619	0	27	10
27/08/90 04:00	0	-21.619	0	27	10
27/08/90 05:00	0	-21.619	0	27	8.9997
27/08/90 06:00	714.54	672.45	43.001	28	8.0001
27/08/90 07:00	4605.1	4493.4	228	27	8.9997
27/08/90 08:00	10110	9815.8	466.01	27	8.9997
27/08/90 09:00	14734	14202	679.99	27	8.9997
27/08/90 10:00	18242	17469	853	27	8.9997
27/08/90 11:00	19613	18734	955	28	8.0001
27/08/90 12:00	19620	18741	969	27	8.0001
27/08/90 13:00	19099	18263	901	27	8.0001
27/08/90 14:00	17820	17079	835	27	6.9999
27/08/90 15:00	13475	13014	622.99	27	6.0002
27/08/90 16:00	9618.5	9345.7	446.01	27	6.0002
27/08/90 17:00	4292.5	4188.2	218	27	6.9999
27/08/90 18:00	560.24	520.19	33.001	27	6.0002
27/08/90 19:00	0	-21.619	0	27	6.0002
27/08/90 20:00	0	-21.619	0	27	6.0002
27/08/90 21:00	0	-21.619	0	27	5
27/08/90 22:00	0	-21.619	0	28	6.0002
27/08/90 23:00	0	-21.619	0	27	6.9999
28/08/90 00:00	0	-21.619	0	27	6.9999
28/08/90 01:00	0	-21.619	0	27	6.9999
28/08/90 02:00	0	-21.619	0	27	8.0001
28/08/90 03:00	0	-21.619	0	27	6.9999
28/08/90 04:00	0	-21.619	0	27	8.0001
28/08/90 05:00	0	-21.619	0	27	8.0001
28/08/90 06:00	133.13	98.227	8.0001	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
28/08/90 07:00	1626.9	1570.1	79.001	26	6.0002
28/08/90 08:00	4513.9	4404.4	214	26	6.0002
28/08/90 09:00	6463.1	6300.7	308	27	5
28/08/90 10:00	6173.4	6019.7	294	28	5
28/08/90 11:00	18455	17669	874	28	6.0002
28/08/90 12:00	19611	18732	955	28	6.9999
28/08/90 13:00	18540	17747	876	28	6.9999
28/08/90 14:00	16303	15668	762	28	6.9999
28/08/90 15:00	10028	9737.7	467.01	28	6.9999
28/08/90 16:00	4358.6	4252.8	207	28	6.9999
28/08/90 17:00	3708.2	3617.2	187	29	6.0002
28/08/90 18:00	543.97	504.2	32	28	5
28/08/90 19:00	0	-21.619	0	28	5
28/08/90 20:00	0	-21.619	0	27	6.0002
28/08/90 21:00	0	-21.619	0	27	6.9999
28/08/90 22:00	0	-21.619	0	27	6.9999
28/08/90 23:00	0	-21.619	0	27	6.0002
29/08/90 00:00	0	-21.619	0	27	6.0002
29/08/90 01:00	0	-21.619	0	27	5
29/08/90 02:00	0	-21.619	0	26	5
29/08/90 03:00	0	-21.619	0	26	5
29/08/90 04:00	0	-21.619	0	27	5
29/08/90 05:00	0	-21.619	0	27	5
29/08/90 06:00	133.06	98.154	8.0001	27	3.9998
29/08/90 07:00	1018.4	971.88	51.001	28	5
29/08/90 08:00	2116.1	2051.7	104	28	6.0002
29/08/90 09:00	3195.9	3114	156	28	6.9999
29/08/90 10:00	8004.2	7791.4	380.01	28	6.0002
29/08/90 11:00	13501	13040	634.99	28	5
29/08/90 12:00	14446	13932	679.99	28	6.0002
29/08/90 13:00	9697	9420.9	460.01	28	6.9999
29/08/90 14:00	10895	10565	512.01	28	6.0002
29/08/90 15:00	12744	12324	593.99	29	6.0002
29/08/90 16:00	8014.2	7801.1	375.01	29	8.0001
29/08/90 17:00	2928.9	2851.4	144	27	3.9998
29/08/90 18:00	466.89	428.06	26	27	5
29/08/90 19:00	0	-21.619	0	28	6.9999
29/08/90 20:00	0	-21.619	0	28	6.0002
29/08/90 21:00	0	-21.619	0	28	6.0002
29/08/90 22:00	0	-21.619	0	28	5
29/08/90 23:00	0	-21.619	0	28	6.0002
30/08/90 00:00	0	-21.619	0	28	6.9999
30/08/90 01:00	0	-21.619	0	28	6.9999
30/08/90 02:00	0	-21.619	0	28	6.9999
30/08/90 03:00	0	-21.619	0	28	6.9999
30/08/90 04:00	0	-21.619	0	28	6.9999
30/08/90 05:00	0	-21.619	0	29	6.0002
30/08/90 06:00	172.56	137.28	10	29	6.0002
30/08/90 07:00	2356.7	2288.8	115	29	6.9999
30/08/90 08:00	7508.2	7312.4	352.01	29	8.0001
30/08/90 09:00	10256	9955.4	478.01	29	8.9997
30/08/90 10:00	15468	14889	723	29	8.9997
30/08/90 11:00	19360	18505	920	29	8.9997
30/08/90 12:00	19307	18457	917	29	8.9997
30/08/90 13:00	14587	14065	685.99	29	8.9997
30/08/90 14:00	13268	12820	621.99	29	8.0001
30/08/90 15:00	12973	12540	602.99	29	6.9999
30/08/90 16:00	8881.8	8637.4	415.01	29	6.9999
30/08/90 17:00	3904.3	3809.3	200	29	6.9999
30/08/90 18:00	498.29	459.16	28	29	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
30/08/90 19:00	0	-21.619	0	29	8.0001
30/08/90 20:00	0	-21.619	0	29	8.0001
30/08/90 21:00	0	-21.619	0	29	8.0001
30/08/90 22:00	0	-21.619	0	29	6.9999
30/08/90 23:00	0	-21.619	0	29	6.9999
31/08/90 00:00	0	-21.619	0	29	6.0002
31/08/90 01:00	0	-21.619	0	29	5
31/08/90 02:00	0	-21.619	0	29	5
31/08/90 03:00	0	-21.619	0	29	5
31/08/90 04:00	0	-21.619	0	29	5
31/08/90 05:00	0	-21.619	0	29	5
31/08/90 06:00	738.04	695.71	42.001	29	5
31/08/90 07:00	3180.5	3099.1	156	29	5
31/08/90 08:00	2904.3	2827.4	140	28	5
31/08/90 09:00	12118	11729	563.99	28	5
31/08/90 10:00	17695	16965	837	29	5
31/08/90 11:00	19553	18682	951	29	5
31/08/90 12:00	19619	18740	980	29	6.0002
31/08/90 13:00	19366	18510	924	28	6.0002
31/08/90 14:00	17424	16712	818	28	6.0002
31/08/90 15:00	12947	12516	599.99	28	6.0002
31/08/90 16:00	9084.9	8832.8	424.01	29	6.9999
31/08/90 17:00	3550	3461.9	180	29	6.0002
31/08/90 18:00	405.81	367.85	24	29	6.9999
31/08/90 19:00	0	-21.619	0	29	6.9999
31/08/90 20:00	0	-21.619	0	29	6.9999
31/08/90 21:00	0	-21.619	0	29	6.9999
31/08/90 22:00	0	-21.619	0	29	6.9999
31/08/90 23:00	0	-21.619	0	29	6.9999
1/9/1990 0:00	0	-21.619	0	29	6.9999
1/9/1990 1:00	0	-21.619	0	28	8.0001
1/9/1990 2:00	0	-21.619	0	28	8.0001
1/9/1990 3:00	0	-21.619	0	28	6.9999
1/9/1990 4:00	0	-21.619	0	28	6.0002
1/9/1990 5:00	0	-21.619	0	27	6.0002
1/9/1990 6:00	686.95	645.18	41.001	27	6.9999
1/9/1990 7:00	4754.6	4639.2	233	27	6.9999
1/9/1990 8:00	9602	9329.8	440.01	27	6.9999
1/9/1990 9:00	14632	14107	673.99	28	6.9999
1/9/1990 10:00	18172	17406	849	28	6.9999
1/9/1990 11:00	19615	18737	957	28	6.9999
1/9/1990 12:00	19627	18748	987	29	6.0002
1/9/1990 13:00	19587	18713	944	29	6.0002
1/9/1990 14:00	17701	16970	829	29	6.0002
1/9/1990 15:00	14208	13708	656.99	29	6.0002
1/9/1990 16:00	9517.7	9249	441.01	29	6.9999
1/9/1990 17:00	3780.8	3688.4	193	29	6.0002
1/9/1990 18:00	428.72	390.47	25	29	6.0002
1/9/1990 19:00	0	-21.619	0	29	6.0002
1/9/1990 20:00	0	-21.619	0	29	6.0002
1/9/1990 21:00	0	-21.619	0	29	6.9999
1/9/1990 22:00	0	-21.619	0	29	6.9999
1/9/1990 23:00	0	-21.619	0	29	6.9999
2/9/1990 0:00	0	-21.619	0	29	6.9999
2/9/1990 1:00	0	-21.619	0	28	6.0002
2/9/1990 2:00	0	-21.619	0	27	6.9999
2/9/1990 3:00	0	-21.619	0	27	8.0001
2/9/1990 4:00	0	-21.619	0	27	6.9999
2/9/1990 5:00	0	-21.619	0	27	6.0002
2/9/1990 6:00	620.22	579.44	35.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
2/9/1990 7:00	4702.8	4588.7	231	28	5
2/9/1990 8:00	10242	9942.3	472.01	28	5
2/9/1990 9:00	14715	14186	680.99	28	5
2/9/1990 10:00	17978	17227	844	29	6.0002
2/9/1990 11:00	19532	18662	936	29	6.9999
2/9/1990 12:00	19209	18367	911	29	6.0002
2/9/1990 13:00	19445	18582	930	29	6.0002
2/9/1990 14:00	17585	16862	825	29	5
2/9/1990 15:00	13955	13469	643.99	28	5
2/9/1990 16:00	9385.3	9121.7	435.01	28	3.9998
2/9/1990 17:00	3732.6	3641.2	191	29	3.0001
2/9/1990 18:00	352.23	314.92	19	29	3.0001
2/9/1990 19:00	0	-21.619	0	29	3.0001
2/9/1990 20:00	0	-21.619	0	29	3.0001
2/9/1990 21:00	0	-21.619	0	29	3.0001
2/9/1990 22:00	0	-21.619	0	29	1.9999
2/9/1990 23:00	0	-21.619	0	29	1.9999
3/9/1990 0:00	0	-21.619	0	28	1.0002
3/9/1990 1:00	0	-21.619	0	28	1.0002
3/9/1990 2:00	0	-21.619	0	28	1.0002
3/9/1990 3:00	0	-21.619	0	28	1.9999
3/9/1990 4:00	0	-21.619	0	27	1.9999
3/9/1990 5:00	0	-21.619	0	27	1.0002
3/9/1990 6:00	635	593.95	38.001	27	1.9999
3/9/1990 7:00	4798.1	4681.6	237	27	1.9999
3/9/1990 8:00	10307	10004	477.01	28	1.9999
3/9/1990 9:00	14756	14224	686.99	28	1.9999
3/9/1990 10:00	17964	17215	849	28	1.9999
3/9/1990 11:00	19148	18312	914	28	1.9999
3/9/1990 12:00	17610	16886	834	28	1.9999
3/9/1990 13:00	14367	13859	671.99	28	1.9999
3/9/1990 14:00	4863	4745.4	232	29	1.9999
3/9/1990 15:00	7790.3	7585.4	362.01	29	1.9999
3/9/1990 16:00	7060	6879.3	330.01	29	1.9999
3/9/1990 17:00	3682.8	3592.4	188	29	1.9999
3/9/1990 18:00	394.82	356.99	22	29	1.9999
3/9/1990 19:00	0	-21.619	0	29	1.9999
3/9/1990 20:00	0	-21.619	0	29	1.9999
3/9/1990 21:00	0	-21.619	0	29	1.9999
3/9/1990 22:00	0	-21.619	0	29	3.0001
3/9/1990 23:00	0	-21.619	0	29	3.0001
4/9/1990 0:00	0	-21.619	0	29	3.0001
4/9/1990 1:00	0	-21.619	0	28	3.0001
4/9/1990 2:00	0	-21.619	0	28	3.0001
4/9/1990 3:00	0	-21.619	0	28	3.0001
4/9/1990 4:00	0	-21.619	0	28	3.0001
4/9/1990 5:00	0	-21.619	0	28	3.9998
4/9/1990 6:00	672.28	630.79	41.001	28	3.9998
4/9/1990 7:00	4793.5	4677.3	239	28	3.0001
4/9/1990 8:00	10304	10002	477.01	28	1.9999
4/9/1990 9:00	14713	14184	684.99	28	1.9999
4/9/1990 10:00	17746	17012	838	28	1.9999
4/9/1990 11:00	19274	18428	921	28	1.9999
4/9/1990 12:00	19607	18731	957	28	3.0001
4/9/1990 13:00	19232	18389	917	28	3.0001
4/9/1990 14:00	17258	16559	810	28	3.0001
4/9/1990 15:00	13483	13023	622.99	28	3.0001
4/9/1990 16:00	8919.8	8674	414.01	28	3.0001
4/9/1990 17:00	3136.7	3056.1	157	29	3.0001
4/9/1990 18:00	311.88	275.05	17	29	1.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
4/9/1990 19:00	0	-21.619	0	29	1.9999
4/9/1990 20:00	0	-21.619	0	29	1.9999
4/9/1990 21:00	0	-21.619	0	29	1.9999
4/9/1990 22:00	0	-21.619	0	29	1.9999
4/9/1990 23:00	0	-21.619	0	28	3.0001
5/9/1990 0:00	0	-21.619	0	28	3.0001
5/9/1990 1:00	0	-21.619	0	28	3.0001
5/9/1990 2:00	0	-21.619	0	28	3.0001
5/9/1990 3:00	0	-21.619	0	28	3.0001
5/9/1990 4:00	0	-21.619	0	28	3.9998
5/9/1990 5:00	0	-21.619	0	28	3.9998
5/9/1990 6:00	456.05	417.42	25	28	3.9998
5/9/1990 7:00	4629.8	4517.6	229	28	3.9998
5/9/1990 8:00	9030	8780	417.01	28	3.9998
5/9/1990 9:00	14269	13766	659.99	28	3.9998
5/9/1990 10:00	17952	17203	844	28	3.9998
5/9/1990 11:00	19146	18309	911	28	3.0001
5/9/1990 12:00	19368	18513	928	28	3.0001
5/9/1990 13:00	14448	13935	677.99	28	3.0001
5/9/1990 14:00	15981	15370	748	29	3.0001
5/9/1990 15:00	13875	13395	643.99	29	3.0001
5/9/1990 16:00	9075.7	8824.5	423.01	29	3.0001
5/9/1990 17:00	3517.6	3430.1	182	29	3.9998
5/9/1990 18:00	352.18	314.87	20	29	3.9998
5/9/1990 19:00	0	-21.619	0	29	3.0001
5/9/1990 20:00	0	-21.619	0	29	1.9999
5/9/1990 21:00	0	-21.619	0	28	1.9999
5/9/1990 22:00	0	-21.619	0	28	1.9999
5/9/1990 23:00	0	-21.619	0	28	1.9999
6/9/1990 0:00	0	-21.619	0	28	3.0001
6/9/1990 1:00	0	-21.619	0	28	3.9998
6/9/1990 2:00	0	-21.619	0	28	3.9998
6/9/1990 3:00	0	-21.619	0	28	5
6/9/1990 4:00	0	-21.619	0	28	5
6/9/1990 5:00	0	-21.619	0	28	3.9998
6/9/1990 6:00	675.75	634.21	41.001	28	3.9998
6/9/1990 7:00	4939.1	4819.1	246	28	5
6/9/1990 8:00	9799.2	9518.7	451.01	28	6.0002
6/9/1990 9:00	14358	13849	663.99	28	5
6/9/1990 10:00	9812.6	9531.7	454.01	28	5
6/9/1990 11:00	18951	18129	896	28	5
6/9/1990 12:00	19620	18741	976	28	5
6/9/1990 13:00	19218	18374	904	27	6.0002
6/9/1990 14:00	16067	15448	744	27	5
6/9/1990 15:00	13261	12812	608.99	27	5
6/9/1990 16:00	7142.6	6958.8	330.01	27	6.0002
6/9/1990 17:00	2817.8	2742.1	141	27	5
6/9/1990 18:00	371.18	333.55	20	27	5
6/9/1990 19:00	0	-21.619	0	28	6.0002
6/9/1990 20:00	0	-21.619	0	27	6.0002
6/9/1990 21:00	0	-21.619	0	27	6.0002
6/9/1990 22:00	0	-21.619	0	27	6.0002
6/9/1990 23:00	0	-21.619	0	27	6.0002
7/9/1990 0:00	0	-21.619	0	27	6.9999
7/9/1990 1:00	0	-21.619	0	27	6.9999
7/9/1990 2:00	0	-21.619	0	26	6.9999
7/9/1990 3:00	0	-21.619	0	26	8.0001
7/9/1990 4:00	0	-21.619	0	27	8.0001
7/9/1990 5:00	0	-21.619	0	27	6.9999
7/9/1990 6:00	298.01	261.3	16	28	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
7/9/1990 7:00	3270.8	3187.5	158	28	6.9999
7/9/1990 8:00	7655.3	7454.4	353.01	27	6.9999
7/9/1990 9:00	4785.2	4669	225	26	6.9999
7/9/1990 10:00	9579.6	9308.3	444.01	26	6.9999
7/9/1990 11:00	10932	10600	506.01	27	5
7/9/1990 12:00	12210	11815	560.99	27	6.0002
7/9/1990 13:00	11071	10733	510.01	26	6.0002
7/9/1990 14:00	5653.1	5514.4	264	27	6.0002
7/9/1990 15:00	11506	11146	527.99	27	6.0002
7/9/1990 16:00	7941.8	7731.1	367.01	27	6.0002
7/9/1990 17:00	3235.6	3152.5	164	26	5
7/9/1990 18:00	291.96	255.29	16	27	5
7/9/1990 19:00	0	-21.619	0	27	3.9998
7/9/1990 20:00	0	-21.619	0	26	3.9998
7/9/1990 21:00	0	-21.619	0	26	3.9998
7/9/1990 22:00	0	-21.619	0	26	3.9998
7/9/1990 23:00	0	-21.619	0	27	5
8/9/1990 0:00	0	-21.619	0	27	3.9998
8/9/1990 1:00	0	-21.619	0	27	5
8/9/1990 2:00	0	-21.619	0	28	5
8/9/1990 3:00	0	-21.619	0	28	5
8/9/1990 4:00	0	-21.619	0	28	3.9998
8/9/1990 5:00	0	-21.619	0	28	3.9998
8/9/1990 6:00	496.63	457.47	27	28	5
8/9/1990 7:00	3921.7	3826.1	192	28	5
8/9/1990 8:00	9704.1	9427.6	448.01	28	5
8/9/1990 9:00	14712	14182	679.99	28	5
8/9/1990 10:00	17735	17001	831	28	5
8/9/1990 11:00	19153	18315	909	28	3.9998
8/9/1990 12:00	19616	18738	972	28	3.9998
8/9/1990 13:00	19402	18543	930	28	3.9998
8/9/1990 14:00	17272	16572	813	29	3.0001
8/9/1990 15:00	13723	13250	636.99	29	3.0001
8/9/1990 16:00	8994	8745.9	420.01	29	3.0001
8/9/1990 17:00	3496.1	3409	185	29	5
8/9/1990 18:00	309.49	272.69	17	29	6.0002
8/9/1990 19:00	0	-21.619	0	29	6.0002
8/9/1990 20:00	0	-21.619	0	29	6.0002
8/9/1990 21:00	0	-21.619	0	28	6.0002
8/9/1990 22:00	0	-21.619	0	28	6.0002
8/9/1990 23:00	0	-21.619	0	28	6.0002
9/9/1990 0:00	0	-21.619	0	28	6.0002
9/9/1990 1:00	0	-21.619	0	27	6.0002
9/9/1990 2:00	0	-21.619	0	27	6.0002
9/9/1990 3:00	0	-21.619	0	27	5
9/9/1990 4:00	0	-21.619	0	27	6.0002
9/9/1990 5:00	0	-21.619	0	28	6.0002
9/9/1990 6:00	426.56	388.29	23	28	5
9/9/1990 7:00	2752.9	2678.2	133	27	5
9/9/1990 8:00	9318.6	9057.5	429.01	27	5
9/9/1990 9:00	14292	13787	658.99	27	3.9998
9/9/1990 10:00	16600	15946	774	27	3.0001
9/9/1990 11:00	18484	17696	872	27	3.0001
9/9/1990 12:00	18512	17722	875	28	3.9998
9/9/1990 13:00	18865	18049	893	28	3.9998
9/9/1990 14:00	16884	16211	788	28	3.9998
9/9/1990 15:00	13599	13133	628.99	28	3.0001
9/9/1990 16:00	8961.3	8713.8	416.01	27	3.0001
9/9/1990 17:00	3369.4	3284.2	177	27	3.0001
9/9/1990 18:00	271.04	234.62	15	27	1.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
9/9/1990 19:00	0	-21.619	0	27	1.9999
9/9/1990 20:00	0	-21.619	0	28	3.0001
9/9/1990 21:00	0	-21.619	0	27	6.0002
9/9/1990 22:00	0	-21.619	0	27	6.9999
9/9/1990 23:00	0	-21.619	0	28	6.0002
10/9/1990 0:00	0	-21.619	0	28	6.0002
10/9/1990 1:00	0	-21.619	0	28	5
10/9/1990 2:00	0	-21.619	0	28	5
10/9/1990 3:00	0	-21.619	0	28	5
10/9/1990 4:00	0	-21.619	0	28	6.0002
10/9/1990 5:00	0	-21.619	0	28	6.0002
10/9/1990 6:00	658.53	617.22	38.001	28	6.0002
10/9/1990 7:00	4270.2	4166.5	210	28	6.0002
10/9/1990 8:00	7940.9	7730.3	366.01	28	6.0002
10/9/1990 9:00	14439	13925	665.99	28	6.0002
10/9/1990 10:00	17407	16695	809	28	6.9999
10/9/1990 11:00	17601	16876	823	28	6.9999
10/9/1990 12:00	19610	18732	959	29	6.0002
10/9/1990 13:00	19224	18380	910	29	6.0002
10/9/1990 14:00	16296	15663	759	29	6.0002
10/9/1990 15:00	11040	10703	511.01	29	6.9999
10/9/1990 16:00	6028.6	5879.2	282	29	8.0001
10/9/1990 17:00	1941.4	1879.6	95.001	29	6.9999
10/9/1990 18:00	0	-21.619	6.0001	29	8.9997
10/9/1990 19:00	0	-21.619	0	28	8.9997
10/9/1990 20:00	0	-21.619	0	27	10
10/9/1990 21:00	0	-21.619	0	28	8.0001
10/9/1990 22:00	0	-21.619	0	28	6.9999
10/9/1990 23:00	0	-21.619	0	29	8.0001
11/9/1990 0:00	0	-21.619	0	29	8.0001
11/9/1990 1:00	0	-21.619	0	28	8.9997
11/9/1990 2:00	0	-21.619	0	29	8.9997
11/9/1990 3:00	0	-21.619	0	29	10
11/9/1990 4:00	0	-21.619	0	29	10
11/9/1990 5:00	0	-21.619	0	29	8.9997
11/9/1990 6:00	406.19	368.18	22	28	10
11/9/1990 7:00	1678	1620.5	81.001	27	12
11/9/1990 8:00	3975.2	3878.2	187	27	12
11/9/1990 9:00	2764.9	2690	134	27	11
11/9/1990 10:00	6993.1	6814.1	328	27	12
11/9/1990 11:00	10112	9818.1	472.01	27	13
11/9/1990 12:00	12900	12470	597.99	27	13
11/9/1990 13:00	10803	10477	500.01	27	14
11/9/1990 14:00	4656.3	4543.3	222	27	15
11/9/1990 15:00	2404.3	2335.1	117	27	14
11/9/1990 16:00	2228.4	2161.7	107	26	14
11/9/1990 17:00	932.51	887.18	46.001	27	14
11/9/1990 18:00	132.84	97.942	8.0001	27	16
11/9/1990 19:00	0	-21.619	0	27	18
11/9/1990 20:00	0	-21.619	0	27	18
11/9/1990 21:00	0	-21.619	0	28	19
11/9/1990 22:00	0	-21.619	0	27	20
11/9/1990 23:00	0	-21.619	0	27	21
12/9/1990 0:00	0	-21.619	0	27	22
12/9/1990 1:00	0	-21.619	0	27	24
12/9/1990 2:00	0	-21.619	0	27	27
12/9/1990 3:00	0	-21.619	0	27	28
12/9/1990 4:00	0	-21.619	0	28	30
12/9/1990 5:00	0	-21.619	0	27	34
12/9/1990 6:00	0	-21.619	2	28	38

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
12/9/1990 7:00	371.87	334.27	20	28	35
12/9/1990 8:00	920.56	875.48	47.001	28	32
12/9/1990 9:00	1412	1359.2	71.001	28	31
12/9/1990 10:00	1760.7	1701.8	88.001	28	32
12/9/1990 11:00	1881.6	1820.6	94.001	28	31
12/9/1990 12:00	1901.3	1840	95.001	28	30
12/9/1990 13:00	1740.1	1681.4	87.001	27	27
12/9/1990 14:00	1678.3	1620.9	84.001	28	29
12/9/1990 15:00	1442.2	1388.7	72.001	27	29
12/9/1990 16:00	992.79	946.52	50.001	27	29
12/9/1990 17:00	503.45	464.19	26	28	28
12/9/1990 18:00	0	-21.619	4.0001	28	24
12/9/1990 19:00	0	-21.619	0	27	22
12/9/1990 20:00	0	-21.619	0	27	22
12/9/1990 21:00	0	-21.619	0	28	20
12/9/1990 22:00	0	-21.619	0	28	20
12/9/1990 23:00	0	-21.619	0	28	20
13/09/90 00:00	0	-21.619	0	27	19
13/09/90 01:00	0	-21.619	0	27	18
13/09/90 02:00	0	-21.619	0	28	18
13/09/90 03:00	0	-21.619	0	28	18
13/09/90 04:00	0	-21.619	0	27	17
13/09/90 05:00	0	-21.619	0	26	18
13/09/90 06:00	0	-21.619	6.0001	26	17
13/09/90 07:00	754.03	711.3	38.001	27	16
13/09/90 08:00	1627.6	1571	80.001	27	15
13/09/90 09:00	2355	2286.6	115	27	15
13/09/90 10:00	2949.2	2871.4	144	28	14
13/09/90 11:00	4798.4	4681.9	230	27	14
13/09/90 12:00	6673.9	6505	318	28	14
13/09/90 13:00	7088.8	6906.7	333.01	27	13
13/09/90 14:00	3847.4	3753.2	185	27	13
13/09/90 15:00	3183.6	3101.6	153	27	13
13/09/90 16:00	2462.1	2392.1	118	27	13
13/09/90 17:00	1255.3	1205	61.001	27	14
13/09/90 18:00	0	-21.619	4.0001	27	13
13/09/90 19:00	0	-21.619	0	27	13
13/09/90 20:00	0	-21.619	0	27	12
13/09/90 21:00	0	-21.619	0	27	12
13/09/90 22:00	0	-21.619	0	27	13
13/09/90 23:00	0	-21.619	0	27	13
14/09/90 00:00	0	-21.619	0	27	13
14/09/90 01:00	0	-21.619	0	27	12
14/09/90 02:00	0	-21.619	0	27	11
14/09/90 03:00	0	-21.619	0	27	11
14/09/90 04:00	0	-21.619	0	27	10
14/09/90 05:00	0	-21.619	0	27	8.9997
14/09/90 06:00	591.48	551.08	32	28	10
14/09/90 07:00	3494.3	3406.8	169	28	10
14/09/90 08:00	7140.3	6956.5	331.01	28	10
14/09/90 09:00	12391	11988	568.99	28	10
14/09/90 10:00	15525	14941	715	28	11
14/09/90 11:00	19217	18371	900	28	11
14/09/90 12:00	19335	18479	912	28	11
14/09/90 13:00	16733	16068	774	28	11
14/09/90 14:00	13564	13098	626.99	28	10
14/09/90 15:00	10852	10523	497.01	27	10
14/09/90 16:00	6583.4	6417.2	306	28	10
14/09/90 17:00	2529.2	2458.4	127	28	8.9997
14/09/90 18:00	150.47	115.41	9.0001	28	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
14/09/90 19:00	0	-21.619	0	28	8.9997
14/09/90 20:00	0	-21.619	0	28	8.0001
14/09/90 21:00	0	-21.619	0	28	8.9997
14/09/90 22:00	0	-21.619	0	28	8.9997
14/09/90 23:00	0	-21.619	0	28	8.9997
15/09/90 00:00	0	-21.619	0	28	8.9997
15/09/90 01:00	0	-21.619	0	28	8.9997
15/09/90 02:00	0	-21.619	0	28	8.0001
15/09/90 03:00	0	-21.619	0	28	8.9997
15/09/90 04:00	0	-21.619	0	27	8.0001
15/09/90 05:00	0	-21.619	0	28	6.9999
15/09/90 06:00	419.13	380.95	22	28	6.9999
15/09/90 07:00	3688.6	3597.6	179	28	6.9999
15/09/90 08:00	9262.8	9003.8	427.01	28	6.9999
15/09/90 09:00	13122	12680	603.99	28	6.9999
15/09/90 10:00	15174	14614	703	28	6.9999
15/09/90 11:00	16324	15688	760	28	6.9999
15/09/90 12:00	18678	17874	877	28	6.9999
15/09/90 13:00	18001	17247	841	28	6.9999
15/09/90 14:00	16243	15612	753	28	6.0002
15/09/90 15:00	12644	12228	579.99	28	6.0002
15/09/90 16:00	7898.6	7689.4	368.01	28	5
15/09/90 17:00	2116.6	2052.2	107	28	5
15/09/90 18:00	0	-21.619	5.0001	28	5
15/09/90 19:00	0	-21.619	0	28	5
15/09/90 20:00	0	-21.619	0	28	5
15/09/90 21:00	0	-21.619	0	28	6.0002
15/09/90 22:00	0	-21.619	0	28	6.0002
15/09/90 23:00	0	-21.619	0	28	6.0002
16/09/90 00:00	0	-21.619	0	28	6.0002
16/09/90 01:00	0	-21.619	0	28	6.0002
16/09/90 02:00	0	-21.619	0	28	6.0002
16/09/90 03:00	0	-21.619	0	28	5
16/09/90 04:00	0	-21.619	0	27	5
16/09/90 05:00	0	-21.619	0	27	3.9998
16/09/90 06:00	636.14	595.07	37.001	27	3.9998
16/09/90 07:00	4630.2	4517.8	230	27	3.0001
16/09/90 08:00	10020	9729.5	462.01	27	3.0001
16/09/90 09:00	14498	13981	672.99	28	3.0001
16/09/90 10:00	17801	17062	836	28	3.9998
16/09/90 11:00	19392	18533	934	28	3.9998
16/09/90 12:00	19604	18729	958	28	3.9998
16/09/90 13:00	19140	18304	908	28	3.9998
16/09/90 14:00	16802	16134	785	28	3.9998
16/09/90 15:00	13115	12675	603.99	28	3.9998
16/09/90 16:00	8188.7	7969.4	382.01	28	3.9998
16/09/90 17:00	2665.1	2592.1	139	28	3.9998
16/09/90 18:00	130.21	95.351	8.0001	28	3.9998
16/09/90 19:00	0	-21.619	0	28	3.9998
16/09/90 20:00	0	-21.619	0	28	5
16/09/90 21:00	0	-21.619	0	28	5
16/09/90 22:00	0	-21.619	0	28	5
16/09/90 23:00	0	-21.619	0	28	5
17/09/90 00:00	0	-21.619	0	28	5
17/09/90 01:00	0	-21.619	0	28	5
17/09/90 02:00	0	-21.619	0	27	5
17/09/90 03:00	0	-21.619	0	27	5
17/09/90 04:00	0	-21.619	0	27	3.9998
17/09/90 05:00	0	-21.619	0	27	3.9998
17/09/90 06:00	407.47	369.39	22	27	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
17/09/90 07:00	4564.8	4454	225	27	5
17/09/90 08:00	10001	9711.8	460.01	27	5
17/09/90 09:00	14405	13893	662.99	27	5
17/09/90 10:00	17895	17149	836	27	5
17/09/90 11:00	19433	18571	933	27	5
17/09/90 12:00	19595	18721	951	27	5
17/09/90 13:00	19204	18359	906	27	6.0002
17/09/90 14:00	16876	16202	785	28	6.0002
17/09/90 15:00	13116	12676	602.99	28	5
17/09/90 16:00	7993.1	7780.6	373.01	28	5
17/09/90 17:00	2848.6	2772.6	154	28	5
17/09/90 18:00	149.49	114.44	9.0001	28	6.0002
17/09/90 19:00	0	-21.619	0	28	6.0002
17/09/90 20:00	0	-21.619	0	28	6.0002
17/09/90 21:00	0	-21.619	0	28	6.0002
17/09/90 22:00	0	-21.619	0	28	5
17/09/90 23:00	0	-21.619	0	28	5
18/09/90 00:00	0	-21.619	0	28	6.0002
18/09/90 01:00	0	-21.619	0	28	6.9999
18/09/90 02:00	0	-21.619	0	28	6.9999
18/09/90 03:00	0	-21.619	0	28	6.9999
18/09/90 04:00	0	-21.619	0	27	6.9999
18/09/90 05:00	0	-21.619	0	28	6.0002
18/09/90 06:00	570.06	529.88	32	27	6.0002
18/09/90 07:00	4276.2	4172.3	210	27	5
18/09/90 08:00	9847.5	9564.7	453.01	27	5
18/09/90 09:00	14448	13933	663.99	27	6.0002
18/09/90 10:00	16060	15442	745	28	6.0002
18/09/90 11:00	19227	18381	912	28	6.0002
18/09/90 12:00	19324	18470	922	28	6.0002
18/09/90 13:00	17632	16905	826	28	6.0002
18/09/90 14:00	8553	8320.6	399.01	28	6.0002
18/09/90 15:00	6076.9	5926.1	282	27	5
18/09/90 16:00	6735	6564.2	314	27	3.9998
18/09/90 17:00	2182.1	2116.3	110	26	3.9998
18/09/90 18:00	0	-21.619	5.0001	27	3.9998
18/09/90 19:00	0	-21.619	0	27	3.9998
18/09/90 20:00	0	-21.619	0	27	3.0001
18/09/90 21:00	0	-21.619	0	27	3.9998
18/09/90 22:00	0	-21.619	0	27	3.9998
18/09/90 23:00	0	-21.619	0	27	3.9998
19/09/90 00:00	0	-21.619	0	27	3.0001
19/09/90 01:00	0	-21.619	0	26	3.9998
19/09/90 02:00	0	-21.619	0	26	5
19/09/90 03:00	0	-21.619	0	26	5
19/09/90 04:00	0	-21.619	0	26	3.9998
19/09/90 05:00	0	-21.619	0	26	3.0001
19/09/90 06:00	0	-21.619	6.0001	26	3.0001
19/09/90 07:00	734.86	692.35	37.001	26	3.0001
19/09/90 08:00	1587.2	1531.3	78.001	26	3.0001
19/09/90 09:00	2714.3	2640.3	132	27	3.9998
19/09/90 10:00	6612.5	6445.5	312	27	3.9998
19/09/90 11:00	11743	11372	548.99	27	3.9998
19/09/90 12:00	16951	16272	793	27	3.9998
19/09/90 13:00	16976	16295	792	27	3.9998
19/09/90 14:00	12407	12003	574.99	27	5
19/09/90 15:00	11388	11034	521.99	26	3.9998
19/09/90 16:00	6541.1	6376.3	304	26	5
19/09/90 17:00	2050.1	1986.3	103	26	3.0001
19/09/90 18:00	0	-21.619	5.0001	26	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
19/09/90 19:00	0	-21.619	0	27	3.0001
19/09/90 20:00	0	-21.619	0	27	3.9998
19/09/90 21:00	0	-21.619	0	27	3.0001
19/09/90 22:00	0	-21.619	0	27	3.0001
19/09/90 23:00	0	-21.619	0	26	3.0001
20/09/90 00:00	0	-21.619	0	26	3.9998
20/09/90 01:00	0	-21.619	0	26	3.9998
20/09/90 02:00	0	-21.619	0	26	3.9998
20/09/90 03:00	0	-21.619	0	26	3.0001
20/09/90 04:00	0	-21.619	0	26	1.9999
20/09/90 05:00	0	-21.619	0	26	1.0002
20/09/90 06:00	531.65	491.93	30	26	1.9999
20/09/90 07:00	4395.3	4288.5	219	27	1.9999
20/09/90 08:00	10142	9846.1	468.01	27	3.0001
20/09/90 09:00	11295	10946	519.99	27	3.0001
20/09/90 10:00	7910.9	7701.3	369.01	27	3.0001
20/09/90 11:00	18724	17919	887	27	1.9999
20/09/90 12:00	11669	11302	536.99	26	1.9999
20/09/90 13:00	16582	15929	773	26	1.9999
20/09/90 14:00	15833	15230	736	26	1.9999
20/09/90 15:00	3859.2	3764.7	181	26	1.9999
20/09/90 16:00	5636.1	5497.8	263	26	3.0001
20/09/90 17:00	2056.4	1992.5	107	26	3.0001
20/09/90 18:00	109.66	-21.619	7.0001	26	1.9999
20/09/90 19:00	0	-21.619	0	27	1.0002
20/09/90 20:00	0	-21.619	0	27	1.9999
20/09/90 21:00	0	-21.619	0	27	1.9999
20/09/90 22:00	0	-21.619	0	27	1.9999
20/09/90 23:00	0	-21.619	0	27	1.9999
21/09/90 00:00	0	-21.619	0	27	1.9999
21/09/90 01:00	0	-21.619	0	27	3.0001
21/09/90 02:00	0	-21.619	0	27	3.0001
21/09/90 03:00	0	-21.619	0	27	1.9999
21/09/90 04:00	0	-21.619	0	27	1.9999
21/09/90 05:00	0	-21.619	0	27	3.0001
21/09/90 06:00	285.59	249	16	27	3.0001
21/09/90 07:00	4610.7	4498.8	228	27	3.9998
21/09/90 08:00	5712.5	5572.1	266	27	3.0001
21/09/90 09:00	3690.6	3599.5	176	27	3.0001
21/09/90 10:00	9795.1	9515.1	458.01	28	3.0001
21/09/90 11:00	15823	15222	740	28	3.9998
21/09/90 12:00	12886	12458	601.99	28	3.9998
21/09/90 13:00	11487	11129	531.99	27	3.9998
21/09/90 14:00	10550	10235	485.01	27	3.0001
21/09/90 15:00	8493.1	8262.9	389.01	27	3.0001
21/09/90 16:00	7686.7	7484.8	358.01	26	3.0001
21/09/90 17:00	1895.3	1833.9	96.001	26	3.0001
21/09/90 18:00	0	-21.619	4.0001	26	3.9998
21/09/90 19:00	0	-21.619	0	26	1.9999
21/09/90 20:00	0	-21.619	0	27	1.9999
21/09/90 21:00	0	-21.619	0	27	1.9999
21/09/90 22:00	0	-21.619	0	27	1.9999
21/09/90 23:00	0	-21.619	0	27	3.0001
22/09/90 00:00	0	-21.619	0	27	3.9998
22/09/90 01:00	0	-21.619	0	27	3.9998
22/09/90 02:00	0	-21.619	0	27	3.9998
22/09/90 03:00	0	-21.619	0	28	3.9998
22/09/90 04:00	0	-21.619	0	28	3.9998
22/09/90 05:00	0	-21.619	0	28	3.9998
22/09/90 06:00	625.57	584.72	38.001	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
22/09/90 07:00	4695.3	4581.4	236	28	3.9998
22/09/90 08:00	9617.4	9344.4	445.01	28	3.0001
22/09/90 09:00	14114	13619	653.99	28	3.0001
22/09/90 10:00	17442	16730	820	28	3.0001
22/09/90 11:00	18615	17818	882	28	3.0001
22/09/90 12:00	18950	18128	900	28	3.0001
22/09/90 13:00	9564	9293.7	445.01	28	1.9999
22/09/90 14:00	14125	13630	658.99	28	1.9999
22/09/90 15:00	10138	9842.6	470.01	28	1.9999
22/09/90 16:00	6341.7	6183.1	298	28	1.0002
22/09/90 17:00	2584.8	2513.2	143	28	1.9999
22/09/90 18:00	0	-21.619	6.0001	28	1.9999
22/09/90 19:00	0	-21.619	0	28	3.0001
22/09/90 20:00	0	-21.619	0	28	3.0001
22/09/90 21:00	0	-21.619	0	28	1.9999
22/09/90 22:00	0	-21.619	0	28	1.9999
22/09/90 23:00	0	-21.619	0	28	1.9999
23/09/90 00:00	0	-21.619	0	28	1.0002
23/09/90 01:00	0	-21.619	0	28	1.0002
23/09/90 02:00	0	-21.619	0	27	1.0002
23/09/90 03:00	0	-21.619	0	27	1.0002
23/09/90 04:00	0	-21.619	0	27	1.9999
23/09/90 05:00	0	-21.619	0	26	3.0001
23/09/90 06:00	662.65	621.22	38.001	27	3.0001
23/09/90 07:00	3029.2	2950	150	27	3.0001
23/09/90 08:00	8162.9	7944.5	378.01	27	3.0001
23/09/90 09:00	14249	13746	657.99	27	3.0001
23/09/90 10:00	17642	16916	830	28	3.0001
23/09/90 11:00	19244	18397	925	28	3.0001
23/09/90 12:00	19385	18527	941	28	3.0001
23/09/90 13:00	16710	16049	785	28	3.0001
23/09/90 14:00	10204	9906.3	474.01	28	3.0001
23/09/90 15:00	9486.5	9219.1	439.01	28	3.0001
23/09/90 16:00	5594.2	5457.1	263	28	3.0001
23/09/90 17:00	2133.1	2068.4	112	28	5
23/09/90 18:00	0	-21.619	3	27	5
23/09/90 19:00	0	-21.619	0	27	3.9998
23/09/90 20:00	0	-21.619	0	27	3.9998
23/09/90 21:00	0	-21.619	0	28	3.9998
23/09/90 22:00	0	-21.619	0	28	5
23/09/90 23:00	0	-21.619	0	28	6.0002
24/09/90 00:00	0	-21.619	0	28	5
24/09/90 01:00	0	-21.619	0	28	5
24/09/90 02:00	0	-21.619	0	27	5
24/09/90 03:00	0	-21.619	0	27	5
24/09/90 04:00	0	-21.619	0	27	5
24/09/90 05:00	0	-21.619	0	27	3.0001
24/09/90 06:00	556.62	516.62	32	27	3.0001
24/09/90 07:00	4248.8	4145.5	211	27	3.0001
24/09/90 08:00	9742.6	9464.4	451.01	28	3.0001
24/09/90 09:00	14017	13528	648.99	28	3.0001
24/09/90 10:00	16420	15778	767	28	3.0001
24/09/90 11:00	18276	17504	864	28	3.0001
24/09/90 12:00	19104	18270	914	29	3.0001
24/09/90 13:00	18545	17754	882	29	3.0001
24/09/90 14:00	16123	15502	755	29	3.0001
24/09/90 15:00	11836	11462	544.99	28	3.0001
24/09/90 16:00	7160.4	6976.3	338.01	29	3.0001
24/09/90 17:00	1864.1	1803.7	99.002	28	3.0001
24/09/90 18:00	0	-21.619	4.0001	28	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
24/09/90 19:00	0	-21.619	0	28	3.0001
24/09/90 20:00	0	-21.619	0	28	1.9999
24/09/90 21:00	0	-21.619	0	28	1.9999
24/09/90 22:00	0	-21.619	0	28	1.9999
24/09/90 23:00	0	-21.619	0	28	1.9999
25/09/90 00:00	0	-21.619	0	28	1.9999
25/09/90 01:00	0	-21.619	0	28	3.0001
25/09/90 02:00	0	-21.619	0	28	3.0001
25/09/90 03:00	0	-21.619	0	28	3.9998
25/09/90 04:00	0	-21.619	0	28	3.9998
25/09/90 05:00	0	-21.619	0	28	3.0001
25/09/90 06:00	403.15	365.17	22	28	3.0001
25/09/90 07:00	2488	2417.9	122	28	3.0001
25/09/90 08:00	4040.4	3942.2	192	28	3.0001
25/09/90 09:00	8360.8	8135.5	390.01	28	3.0001
25/09/90 10:00	10518	10206	493.01	28	3.0001
25/09/90 11:00	13330	12879	623.99	28	3.0001
25/09/90 12:00	16725	16063	787	28	3.0001
25/09/90 13:00	17264	16565	811	28	3.0001
25/09/90 14:00	15101	14547	703	28	3.0001
25/09/90 15:00	11653	11287	536.99	28	3.0001
25/09/90 16:00	6065.5	5915	285	28	3.9998
25/09/90 17:00	2034.1	1970.7	112	27	3.9998
25/09/90 18:00	0	-21.619	3	27	3.0001
25/09/90 19:00	0	-21.619	0	27	3.0001
25/09/90 20:00	0	-21.619	0	27	1.9999
25/09/90 21:00	0	-21.619	0	27	1.0002
25/09/90 22:00	0	-21.619	0	27	1.9999
25/09/90 23:00	0	-21.619	0	27	3.0001
26/09/90 00:00	0	-21.619	0	27	3.9998
26/09/90 01:00	0	-21.619	0	27	3.9998
26/09/90 02:00	0	-21.619	0	28	3.9998
26/09/90 03:00	0	-21.619	0	28	5
26/09/90 04:00	0	-21.619	0	28	5
26/09/90 05:00	0	-21.619	0	28	5
26/09/90 06:00	637.72	596.7	37.001	28	5
26/09/90 07:00	3122	3041.3	154	28	5
26/09/90 08:00	7305.1	7115.9	339.01	28	5
26/09/90 09:00	10732	10409	497.01	28	5
26/09/90 10:00	14639	14113	680.99	28	3.9998
26/09/90 11:00	16018	15403	749	28	3.9998
26/09/90 12:00	17477	16762	823	28	3.0001
26/09/90 13:00	14063	13571	654.99	27	3.9998
26/09/90 14:00	12199	11805	563.99	26	3.9998
26/09/90 15:00	4882.9	4764.3	229	26	5
26/09/90 16:00	3193.6	3111.3	151	26	5
26/09/90 17:00	1018.6	972.03	50.001	27	3.9998
26/09/90 18:00	0	-21.619	1	27	5
26/09/90 19:00	0	-21.619	0	26	5
26/09/90 20:00	0	-21.619	0	26	3.9998
26/09/90 21:00	0	-21.619	0	27	3.9998
26/09/90 22:00	0	-21.619	0	27	3.9998
26/09/90 23:00	0	-21.619	0	27	5
27/09/90 00:00	0	-21.619	0	28	5
27/09/90 01:00	0	-21.619	0	28	5
27/09/90 02:00	0	-21.619	0	28	5
27/09/90 03:00	0	-21.619	0	28	5
27/09/90 04:00	0	-21.619	0	28	5
27/09/90 05:00	0	-21.619	0	28	5
27/09/90 06:00	552.5	512.61	34.001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
27/09/90 07:00	4471.6	4363.1	226	28	5
27/09/90 08:00	10034	9743.4	464.01	28	5
27/09/90 09:00	14285	13780	659.99	28	5
27/09/90 10:00	17471	16757	820	29	5
27/09/90 11:00	18621	17823	881	29	5
27/09/90 12:00	19237	18390	925	29	5
27/09/90 13:00	18707	17902	882	28	5
27/09/90 14:00	15704	15110	729	28	5
27/09/90 15:00	12425	12020	572.99	29	5
27/09/90 16:00	7332.6	7142.6	347.01	29	5
27/09/90 17:00	2042.6	1979.5	117	29	3.9998
27/09/90 18:00	0	-21.619	4.0001	29	3.9998
27/09/90 19:00	0	-21.619	0	29	3.9998
27/09/90 20:00	0	-21.619	0	29	5
27/09/90 21:00	0	-21.619	0	29	5
27/09/90 22:00	0	-21.619	0	29	6.0002
27/09/90 23:00	0	-21.619	0	29	6.9999
28/09/90 00:00	0	-21.619	0	28	5
28/09/90 01:00	0	-21.619	0	28	5
28/09/90 02:00	0	-21.619	0	28	5
28/09/90 03:00	0	-21.619	0	28	5
28/09/90 04:00	0	-21.619	0	28	5
28/09/90 05:00	0	-21.619	0	28	3.9998
28/09/90 06:00	344.7	307.44	19	28	5
28/09/90 07:00	4096.5	3996.9	203	28	5
28/09/90 08:00	9633.5	9359.4	445.01	28	5
28/09/90 09:00	14217	13716	655.99	28	5
28/09/90 10:00	15138	14581	702	28	6.0002
28/09/90 11:00	11884	11507	557.99	29	5
28/09/90 12:00	15277	14711	711	28	5
28/09/90 13:00	18395	17613	865	28	5
28/09/90 14:00	15860	15255	736	28	5
28/09/90 15:00	12324	11925	565.99	28	5
28/09/90 16:00	7332.1	7142	346.01	28	6.0002
28/09/90 17:00	2036.8	1973.7	116	29	6.0002
28/09/90 18:00	0	-21.619	3	29	6.0002
28/09/90 19:00	0	-21.619	0	29	6.0002
28/09/90 20:00	0	-21.619	0	29	6.0002
28/09/90 21:00	0	-21.619	0	29	6.0002
28/09/90 22:00	0	-21.619	0	29	6.0002
28/09/90 23:00	0	-21.619	0	28	5
29/09/90 00:00	0	-21.619	0	28	5
29/09/90 01:00	0	-21.619	0	28	5
29/09/90 02:00	0	-21.619	0	28	6.0002
29/09/90 03:00	0	-21.619	0	28	6.0002
29/09/90 04:00	0	-21.619	0	28	6.0002
29/09/90 05:00	0	-21.619	0	28	3.9998
29/09/90 06:00	482.52	443.54	26	28	3.9998
29/09/90 07:00	4225.1	4122.6	211	28	3.0001
29/09/90 08:00	9428.5	9162.9	436.01	28	3.9998
29/09/90 09:00	13435	12977	619.99	28	3.9998
29/09/90 10:00	16939	16261	789	28	5
29/09/90 11:00	17652	16924	827	28	5
29/09/90 12:00	19230	18384	921	28	5
29/09/90 13:00	18489	17700	869	28	6.0002
29/09/90 14:00	15992	15379	742	28	6.0002
29/09/90 15:00	12150	11759	557.99	28	5
29/09/90 16:00	7123	6939.8	336.01	28	5
29/09/90 17:00	1969.6	1907.4	110	28	5
29/09/90 18:00	0	-21.619	3	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
29/09/90 19:00	0	-21.619	0	28	5
29/09/90 20:00	0	-21.619	0	28	5
29/09/90 21:00	0	-21.619	0	28	6.0002
29/09/90 22:00	0	-21.619	0	28	6.0002
29/09/90 23:00	0	-21.619	0	28	6.0002
30/09/90 00:00	0	-21.619	0	28	6.9999
30/09/90 01:00	0	-21.619	0	27	8.0001
30/09/90 02:00	0	-21.619	0	27	8.0001
30/09/90 03:00	0	-21.619	0	27	8.0001
30/09/90 04:00	0	-21.619	0	27	6.9999
30/09/90 05:00	0	-21.619	0	28	6.0002
30/09/90 06:00	549.58	509.73	30	28	6.0002
30/09/90 07:00	4407.8	4300.9	220	28	6.0002
30/09/90 08:00	9704.2	9427	448.01	28	6.0002
30/09/90 09:00	14306	13799	657.99	28	6.9999
30/09/90 10:00	17514	16794	816	28	6.9999
30/09/90 11:00	19137	18297	908	28	6.9999
30/09/90 12:00	19159	18318	911	28	6.9999
30/09/90 13:00	18407	17623	861	28	8.0001
30/09/90 14:00	16199	15571	749	28	8.0001
30/09/90 15:00	12126	11736	552.99	27	8.0001
30/09/90 16:00	5258	5129.8	248	27	8.0001
30/09/90 17:00	1977.7	1915.3	110	28	6.9999
30/09/90 18:00	0	-21.619	3	28	6.9999
30/09/90 19:00	0	-21.619	0	28	6.9999
30/09/90 20:00	0	-21.619	0	28	6.9999
30/09/90 21:00	0	-21.619	0	28	6.9999
30/09/90 22:00	0	-21.619	0	28	6.9999
30/09/90 23:00	0	-21.619	0	28	6.9999
1/10/1990 0:00	0	-21.619	0	29	3.9998
1/10/1990 1:00	0	-21.619	0	28	3.9998
1/10/1990 2:00	0	-21.619	0	28	3.0001
1/10/1990 3:00	0	-21.619	0	29	3.0001
1/10/1990 4:00	0	-21.619	0	28	3.0001
1/10/1990 5:00	0	-21.619	0	29	3.9998
1/10/1990 6:00	382.97	345.29	21	29	5
1/10/1990 7:00	3084.9	3005.1	151	29	5
1/10/1990 8:00	6302.2	6144.8	294	29	6.0002
1/10/1990 9:00	11604	11241	536.99	29	6.0002
1/10/1990 10:00	9404.1	9140	439.01	29	6.0002
1/10/1990 11:00	10736	10413	494.01	29	6.0002
1/10/1990 12:00	16467	15821	765	28	6.0002
1/10/1990 13:00	17989	17236	842	28	5
1/10/1990 14:00	8531.8	8300.1	393.01	27	3.0001
1/10/1990 15:00	2110.9	2046.4	103	27	1.9999
1/10/1990 16:00	1146	1097.6	57.001	28	1.0002
1/10/1990 17:00	426.29	387.98	22	27	1.9999
1/10/1990 18:00	0	-21.619	1	27	3.9998
1/10/1990 19:00	0	-21.619	0	28	5
1/10/1990 20:00	0	-21.619	0	28	5
1/10/1990 21:00	0	-21.619	0	28	5
1/10/1990 22:00	0	-21.619	0	28	5
1/10/1990 23:00	0	-21.619	0	28	5
2/10/1990 0:00	0	-21.619	0	28	5
2/10/1990 1:00	0	-21.619	0	27	6.0002
2/10/1990 2:00	0	-21.619	0	26	6.9999
2/10/1990 3:00	0	-21.619	0	27	6.9999
2/10/1990 4:00	0	-21.619	0	27	6.0002
2/10/1990 5:00	0	-21.619	0	27	5
2/10/1990 6:00	542.96	503.2	31	28	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
2/10/1990 7:00	4485.4	4376.6	226	28	5
2/10/1990 8:00	9940.8	9653.6	459.01	28	5
2/10/1990 9:00	14405	13893	662.99	28	6.0002
2/10/1990 10:00	17555	16834	818	28	6.0002
2/10/1990 11:00	18622	17823	876	28	5
2/10/1990 12:00	14452	13937	671.99	28	3.9998
2/10/1990 13:00	18225	17456	857	28	3.9998
2/10/1990 14:00	15694	15101	728	28	3.9998
2/10/1990 15:00	7748.3	7544.2	358.01	27	5
2/10/1990 16:00	4064.4	3965.6	192	28	5
2/10/1990 17:00	1806.7	1747.2	100	28	3.9998
2/10/1990 18:00	0	-21.619	3	28	3.9998
2/10/1990 19:00	0	-21.619	0	28	3.9998
2/10/1990 20:00	0	-21.619	0	28	3.9998
2/10/1990 21:00	0	-21.619	0	28	3.9998
2/10/1990 22:00	0	-21.619	0	28	3.9998
2/10/1990 23:00	0	-21.619	0	28	3.9998
3/10/1990 0:00	0	-21.619	0	28	3.9998
3/10/1990 1:00	0	-21.619	0	27	3.9998
3/10/1990 2:00	0	-21.619	0	26	3.9998
3/10/1990 3:00	0	-21.619	0	26	3.0001
3/10/1990 4:00	0	-21.619	0	26	3.0001
3/10/1990 5:00	0	-21.619	0	28	3.0001
3/10/1990 6:00	551.63	511.76	34.001	28	3.0001
3/10/1990 7:00	4436.5	4328.9	226	28	3.0001
3/10/1990 8:00	9949.8	9662.5	461.01	28	3.0001
3/10/1990 9:00	14201	13701	656.99	28	3.0001
3/10/1990 10:00	16746	16082	780	28	3.9998
3/10/1990 11:00	10110	9815.9	467.01	27	3.9998
3/10/1990 12:00	14398	13886	663.99	27	5
3/10/1990 13:00	17450	16735	811	27	5
3/10/1990 14:00	10584	10268	482.01	27	5
3/10/1990 15:00	12037	11652	551.99	28	5
3/10/1990 16:00	6926.9	6749.9	329	28	5
3/10/1990 17:00	1761.8	1703.3	103	29	5
3/10/1990 18:00	0	-21.619	3	29	6.0002
3/10/1990 19:00	0	-21.619	0	28	6.9999
3/10/1990 20:00	0	-21.619	0	28	6.9999
3/10/1990 21:00	0	-21.619	0	28	6.9999
3/10/1990 22:00	0	-21.619	0	27	8.0001
3/10/1990 23:00	0	-21.619	0	28	6.0002
4/10/1990 0:00	0	-21.619	0	28	6.0002
4/10/1990 1:00	0	-21.619	0	28	6.9999
4/10/1990 2:00	0	-21.619	0	28	6.9999
4/10/1990 3:00	0	-21.619	0	28	5
4/10/1990 4:00	0	-21.619	0	28	6.0002
4/10/1990 5:00	0	-21.619	0	28	5
4/10/1990 6:00	357.64	320.22	19	28	6.0002
4/10/1990 7:00	1934.8	1873	93.001	28	6.0002
4/10/1990 8:00	1740.5	1682	85.001	27	6.9999
4/10/1990 9:00	7940.1	7729.5	362.01	27	6.0002
4/10/1990 10:00	15118	14561	695.99	27	5
4/10/1990 11:00	19103	18266	904	27	6.0002
4/10/1990 12:00	19264	18415	922	28	6.9999
4/10/1990 13:00	16287	15653	753	28	6.9999
4/10/1990 14:00	13641	13172	629.99	29	6.9999
4/10/1990 15:00	10225	9925.7	470.01	29	6.9999
4/10/1990 16:00	6718.7	6548.3	319	29	6.9999
4/10/1990 17:00	1655	1598.1	94.001	28	6.0002
4/10/1990 18:00	0	-21.619	2	28	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
4/10/1990 19:00	0	-21.619	0	28	6.0002
4/10/1990 20:00	0	-21.619	0	29	6.0002
4/10/1990 21:00	0	-21.619	0	29	6.0002
4/10/1990 22:00	0	-21.619	0	29	6.9999
4/10/1990 23:00	0	-21.619	0	29	6.9999
5/10/1990 0:00	0	-21.619	0	29	8.0001
5/10/1990 1:00	0	-21.619	0	29	8.0001
5/10/1990 2:00	0	-21.619	0	29	8.0001
5/10/1990 3:00	0	-21.619	0	28	6.9999
5/10/1990 4:00	0	-21.619	0	28	6.9999
5/10/1990 5:00	0	-21.619	0	29	6.9999
5/10/1990 6:00	452.93	414.38	26	29	6.9999
5/10/1990 7:00	4210.7	4108.6	212	29	6.9999
5/10/1990 8:00	9620.1	9346.6	445.01	29	6.0002
5/10/1990 9:00	11919	11540	548.99	29	6.0002
5/10/1990 10:00	8853.4	8610.1	410.01	29	6.0002
5/10/1990 11:00	12138	11748	558.99	29	6.0002
5/10/1990 12:00	17354	16647	812	29	6.0002
5/10/1990 13:00	13949	13463	646.99	29	6.0002
5/10/1990 14:00	9709.7	9432.6	444.01	29	6.0002
5/10/1990 15:00	11837	11463	544.99	29	5
5/10/1990 16:00	6105.9	5954.3	291	29	5
5/10/1990 17:00	1638.2	1581.8	96.001	29	6.0002
5/10/1990 18:00	0	-21.619	2	29	6.0002
5/10/1990 19:00	0	-21.619	0	29	6.0002
5/10/1990 20:00	0	-21.619	0	29	6.0002
5/10/1990 21:00	0	-21.619	0	29	6.0002
5/10/1990 22:00	0	-21.619	0	29	6.0002
5/10/1990 23:00	0	-21.619	0	29	6.0002
6/10/1990 0:00	0	-21.619	0	29	6.0002
6/10/1990 1:00	0	-21.619	0	29	6.0002
6/10/1990 2:00	0	-21.619	0	29	6.0002
6/10/1990 3:00	0	-21.619	0	29	6.0002
6/10/1990 4:00	0	-21.619	0	29	6.0002
6/10/1990 5:00	0	-21.619	0	29	5
6/10/1990 6:00	545.33	505.6	32	29	5
6/10/1990 7:00	4320.5	4215.9	219	29	5
6/10/1990 8:00	8694.9	8457.4	403.01	29	5
6/10/1990 9:00	14055	13564	648.99	29	5
6/10/1990 10:00	17309	16606	810	29	5
6/10/1990 11:00	18950	18126	899	30	6.0002
6/10/1990 12:00	19106	18269	915	30	6.0002
6/10/1990 13:00	18187	17421	854	29	6.0002
6/10/1990 14:00	15425	14849	713	29	6.9999
6/10/1990 15:00	9858.7	9575.7	454.01	30	6.9999
6/10/1990 16:00	6440	6278.2	307	29	6.0002
6/10/1990 17:00	1581.6	1526.3	94.001	30	6.0002
6/10/1990 18:00	0	-21.619	2	29	5
6/10/1990 19:00	0	-21.619	0	29	6.0002
6/10/1990 20:00	0	-21.619	0	29	6.0002
6/10/1990 21:00	0	-21.619	0	29	6.0002
6/10/1990 22:00	0	-21.619	0	29	6.0002
6/10/1990 23:00	0	-21.619	0	29	6.0002
7/10/1990 0:00	0	-21.619	0	29	6.0002
7/10/1990 1:00	0	-21.619	0	29	6.0002
7/10/1990 2:00	0	-21.619	0	29	6.0002
7/10/1990 3:00	0	-21.619	0	29	5
7/10/1990 4:00	0	-21.619	0	29	6.0002
7/10/1990 5:00	0	-21.619	0	29	5
7/10/1990 6:00	549.85	510.06	32	29	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
7/10/1990 7:00	4273.2	4169.7	216	29	6.0002
7/10/1990 8:00	9252.2	8993.7	428.01	29	6.0002
7/10/1990 9:00	14125	13629	650.99	29	6.0002
7/10/1990 10:00	17246	16546	805	29	6.0002
7/10/1990 11:00	18936	18113	895	29	6.0002
7/10/1990 12:00	15883	15277	737	29	6.0002
7/10/1990 13:00	17722	16989	829	29	6.0002
7/10/1990 14:00	15655	15064	726	29	6.0002
7/10/1990 15:00	11727	11357	539.99	29	5
7/10/1990 16:00	6546.7	6381.7	314	29	5
7/10/1990 17:00	1542.8	1488.2	91.001	30	5
7/10/1990 18:00	0	-21.619	2	29	5
7/10/1990 19:00	0	-21.619	0	29	5
7/10/1990 20:00	0	-21.619	0	29	5
7/10/1990 21:00	0	-21.619	0	29	5
7/10/1990 22:00	0	-21.619	0	29	5
7/10/1990 23:00	0	-21.619	0	29	5
8/10/1990 0:00	0	-21.619	0	29	5
8/10/1990 1:00	0	-21.619	0	29	5
8/10/1990 2:00	0	-21.619	0	29	6.0002
8/10/1990 3:00	0	-21.619	0	29	6.9999
8/10/1990 4:00	0	-21.619	0	29	6.9999
8/10/1990 5:00	0	-21.619	0	29	6.0002
8/10/1990 6:00	488.22	449.22	27	29	6.0002
8/10/1990 7:00	3927.7	3831.9	196	29	6.0002
8/10/1990 8:00	9151.1	8896.4	424.01	29	6.0002
8/10/1990 9:00	11765	11393	541.99	29	6.0002
8/10/1990 10:00	14201	13701	657.99	29	6.0002
8/10/1990 11:00	18174	17408	851	29	6.9999
8/10/1990 12:00	18681	17877	878	29	6.9999
8/10/1990 13:00	14716	14184	678.99	29	8.0001
8/10/1990 14:00	12591	12178	578.99	29	8.0001
8/10/1990 15:00	11424	11069	523.99	29	8.0001
8/10/1990 16:00	6186.6	6032.7	296	30	8.9997
8/10/1990 17:00	1396.8	1344.6	79.001	30	8.0001
8/10/1990 18:00	0	-21.619	2	30	8.0001
8/10/1990 19:00	0	-21.619	0	29	8.0001
8/10/1990 20:00	0	-21.619	0	29	8.0001
8/10/1990 21:00	0	-21.619	0	29	8.0001
8/10/1990 22:00	0	-21.619	0	29	6.9999
8/10/1990 23:00	0	-21.619	0	30	6.9999
9/10/1990 0:00	0	-21.619	0	30	6.9999
9/10/1990 1:00	0	-21.619	0	30	6.9999
9/10/1990 2:00	0	-21.619	0	30	6.9999
9/10/1990 3:00	0	-21.619	0	29	8.0001
9/10/1990 4:00	0	-21.619	0	29	8.0001
9/10/1990 5:00	0	-21.619	0	29	6.9999
9/10/1990 6:00	452.95	414.39	26	29	8.0001
9/10/1990 7:00	3987.1	3889.6	200	28	8.0001
9/10/1990 8:00	9422.7	9156.9	434.01	28	8.0001
9/10/1990 9:00	13553	13089	621.99	29	8.0001
9/10/1990 10:00	16145	15521	747	29	8.0001
9/10/1990 11:00	15760	15161	732	29	8.0001
9/10/1990 12:00	11182	10838	521.99	29	8.0001
9/10/1990 13:00	14715	14183	681.99	29	8.0001
9/10/1990 14:00	14985	14437	690.99	29	8.0001
9/10/1990 15:00	10405	10097	478.01	29	8.0001
9/10/1990 16:00	5119.9	4995.4	244	29	8.0001
9/10/1990 17:00	1413.8	1361.1	79.001	29	8.0001
9/10/1990 18:00	0	-21.619	1	29	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
9/10/1990 19:00	0	-21.619	0	29	6.9999
9/10/1990 20:00	0	-21.619	0	29	6.9999
9/10/1990 21:00	0	-21.619	0	28	6.0002
9/10/1990 22:00	0	-21.619	0	28	6.9999
9/10/1990 23:00	0	-21.619	0	27	6.9999
10/10/1990 0:00	0	-21.619	0	28	6.0002
10/10/1990 1:00	0	-21.619	0	28	6.0002
10/10/1990 2:00	0	-21.619	0	28	5
10/10/1990 3:00	0	-21.619	0	28	5
10/10/1990 4:00	0	-21.619	0	28	6.0002
10/10/1990 5:00	0	-21.619	0	28	5
10/10/1990 6:00	487.89	448.84	27	28	5
10/10/1990 7:00	3545.9	3457.5	176	28	6.0002
10/10/1990 8:00	7904.3	7694.8	366.01	28	6.0002
10/10/1990 9:00	11646	11279	534.99	28	6.0002
10/10/1990 10:00	14231	13729	656.99	28	6.0002
10/10/1990 11:00	15847	15244	735	28	5
10/10/1990 12:00	16236	15607	755	28	3.9998
10/10/1990 13:00	15751	15154	731	28	3.9998
10/10/1990 14:00	13051	12614	600.99	28	3.9998
10/10/1990 15:00	10070	9777.7	462.01	28	3.9998
10/10/1990 16:00	5346.6	5216	256	28	3.9998
10/10/1990 17:00	1155.3	1106.7	67.001	28	3.9998
10/10/1990 18:00	0	-21.619	0	29	6.0002
10/10/1990 19:00	0	-21.619	0	29	6.0002
10/10/1990 20:00	0	-21.619	0	29	6.0002
10/10/1990 21:00	0	-21.619	0	29	6.0002
10/10/1990 22:00	0	-21.619	0	29	5
10/10/1990 23:00	0	-21.619	0	29	3.9998
11/10/1990 0:00	0	-21.619	0	29	3.9998
11/10/1990 1:00	0	-21.619	0	28	3.9998
11/10/1990 2:00	0	-21.619	0	28	3.9998
11/10/1990 3:00	0	-21.619	0	28	5
11/10/1990 4:00	0	-21.619	0	28	5
11/10/1990 5:00	0	-21.619	0	29	3.9998
11/10/1990 6:00	496.96	457.85	29	29	3.9998
11/10/1990 7:00	4019.9	3922.1	205	29	3.0001
11/10/1990 8:00	9082	8830.3	422.01	29	3.0001
11/10/1990 9:00	12440	12035	574.99	29	3.9998
11/10/1990 10:00	14755	14221	685.99	29	5
11/10/1990 11:00	17951	17201	841	29	6.0002
11/10/1990 12:00	17926	17178	840	29	6.0002
11/10/1990 13:00	17425	16713	814	29	6.0002
11/10/1990 14:00	14953	14408	692.99	29	5
11/10/1990 15:00	10794	10469	496.01	29	6.0002
11/10/1990 16:00	6187.2	6033	298	29	6.0002
11/10/1990 17:00	1306.3	1255.4	76.001	29	6.0002
11/10/1990 18:00	0	-21.619	1	29	6.0002
11/10/1990 19:00	0	-21.619	0	29	6.0002
11/10/1990 20:00	0	-21.619	0	29	6.0002
11/10/1990 21:00	0	-21.619	0	29	6.9999
11/10/1990 22:00	0	-21.619	0	29	6.9999
11/10/1990 23:00	0	-21.619	0	29	6.9999
12/10/1990 0:00	0	-21.619	0	29	6.9999
12/10/1990 1:00	0	-21.619	0	29	6.9999
12/10/1990 2:00	0	-21.619	0	29	8.0001
12/10/1990 3:00	0	-21.619	0	29	8.0001
12/10/1990 4:00	0	-21.619	0	29	8.0001
12/10/1990 5:00	0	-21.619	0	29	8.0001
12/10/1990 6:00	374.86	337.28	20	29	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
12/10/1990 7:00	3330.9	3246.5	164	28	8.0001
12/10/1990 8:00	8412.9	8185.5	387.01	27	8.0001
12/10/1990 9:00	11151	10809	511.01	27	8.0001
12/10/1990 10:00	13152	12709	607.99	28	8.0001
12/10/1990 11:00	14849	14309	685.99	28	8.0001
12/10/1990 12:00	17639	16911	825	29	6.9999
12/10/1990 13:00	14133	13637	654.99	29	6.0002
12/10/1990 14:00	13709	13236	633.99	29	6.0002
12/10/1990 15:00	5717.1	5576.7	268	29	6.0002
12/10/1990 16:00	3860.8	3766.3	184	28	6.0002
12/10/1990 17:00	1344.1	1292.5	76.001	28	5
12/10/1990 18:00	0	-21.619	1	28	5
12/10/1990 19:00	0	-21.619	0	28	6.0002
12/10/1990 20:00	0	-21.619	0	28	6.9999
12/10/1990 21:00	0	-21.619	0	28	6.9999
12/10/1990 22:00	0	-21.619	0	28	6.9999
12/10/1990 23:00	0	-21.619	0	28	6.9999
13/10/90 00:00	0	-21.619	0	28	6.9999
13/10/90 01:00	0	-21.619	0	28	6.9999
13/10/90 02:00	0	-21.619	0	28	6.9999
13/10/90 03:00	0	-21.619	0	27	6.9999
13/10/90 04:00	0	-21.619	0	27	8.0001
13/10/90 05:00	0	-21.619	0	27	6.9999
13/10/90 06:00	192.71	157.2	12	28	6.0002
13/10/90 07:00	2682.5	2609.2	134	28	6.0002
13/10/90 08:00	9068.1	8816.3	418.01	27	6.0002
13/10/90 09:00	13855	13374	633.99	27	6.0002
13/10/90 10:00	17016	16331	788	27	6.0002
13/10/90 11:00	18828	18013	882	27	6.0002
13/10/90 12:00	18917	18094	896	28	5
13/10/90 13:00	17822	17080	831	27	5
13/10/90 14:00	14977	14429	689.99	27	5
13/10/90 15:00	11237	10891	515.99	28	5
13/10/90 16:00	6106.8	5954.8	295	28	3.9998
13/10/90 17:00	1223.4	1173.7	71.001	28	5
13/10/90 18:00	0	-21.619	1	28	5
13/10/90 19:00	0	-21.619	0	28	3.9998
13/10/90 20:00	0	-21.619	0	29	5
13/10/90 21:00	0	-21.619	0	29	5
13/10/90 22:00	0	-21.619	0	29	5
13/10/90 23:00	0	-21.619	0	29	5
14/10/90 00:00	0	-21.619	0	28	5
14/10/90 01:00	0	-21.619	0	28	5
14/10/90 02:00	0	-21.619	0	28	5
14/10/90 03:00	0	-21.619	0	28	5
14/10/90 04:00	0	-21.619	0	28	3.9998
14/10/90 05:00	0	-21.619	0	27	3.0001
14/10/90 06:00	192.92	157.39	12	27	1.9999
14/10/90 07:00	3712.1	3620.3	187	27	3.0001
14/10/90 08:00	8821.8	8579.3	408.01	27	1.9999
14/10/90 09:00	13171	12727	605.99	27	1.9999
14/10/90 10:00	15562	14977	723	27	1.9999
14/10/90 11:00	17609	16885	827	27	1.9999
14/10/90 12:00	7605.8	7406.8	356.01	28	1.9999
14/10/90 13:00	9318	9057.3	436.01	28	1.9999
14/10/90 14:00	11311	10962	524.99	28	1.9999
14/10/90 15:00	10012	9722.1	462.01	28	1.9999
14/10/90 16:00	6036.9	5887.1	292	28	1.9999
14/10/90 17:00	1239.7	1190	72.001	29	1.0002
14/10/90 18:00	0	-21.619	1	29	1.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
14/10/90 19:00	0	-21.619	0	29	1.9999
14/10/90 20:00	0	-21.619	0	29	1.9999
14/10/90 21:00	0	-21.619	0	29	1.9999
14/10/90 22:00	0	-21.619	0	29	1.0002
14/10/90 23:00	0	-21.619	0	29	1.9999
15/10/90 00:00	0	-21.619	0	29	1.9999
15/10/90 01:00	0	-21.619	0	28	1.9999
15/10/90 02:00	0	-21.619	0	28	1.9999
15/10/90 03:00	0	-21.619	0	28	1.9999
15/10/90 04:00	0	-21.619	0	28	1.9999
15/10/90 05:00	0	-21.619	0	28	1.0002
15/10/90 06:00	479.2	440.27	28	28	1.0002
15/10/90 07:00	4052.6	3953.5	208	27	1.0002
15/10/90 08:00	9261.9	9002.9	431.01	28	1.0002
15/10/90 09:00	13671	13201	633.99	28	1.0002
15/10/90 10:00	16689	16030	782	28	1.9999
15/10/90 11:00	17756	17022	840	28	1.0002
15/10/90 12:00	18508	17720	885	29	1.0002
15/10/90 13:00	14382	13872	670.99	29	1.0002
15/10/90 14:00	14418	13906	672.99	29	1.0002
15/10/90 15:00	9270.7	9012.3	430.01	29	1.0002
15/10/90 16:00	4893	4774.6	236	29	1.0002
15/10/90 17:00	1192.8	1143.7	70.001	29	0
15/10/90 18:00	0	-21.619	1	29	1.0002
15/10/90 19:00	0	-21.619	0	29	1.0002
15/10/90 20:00	0	-21.619	0	29	1.0002
15/10/90 21:00	0	-21.619	0	29	1.0002
15/10/90 22:00	0	-21.619	0	29	1.0002
15/10/90 23:00	0	-21.619	0	28	1.0002
16/10/90 00:00	0	-21.619	0	28	1.0002
16/10/90 01:00	0	-21.619	0	28	1.9999
16/10/90 02:00	0	-21.619	0	28	1.9999
16/10/90 03:00	0	-21.619	0	28	1.9999
16/10/90 04:00	0	-21.619	0	28	1.9999
16/10/90 05:00	0	-21.619	0	28	1.0002
16/10/90 06:00	505.14	465.87	30	28	1.0002
16/10/90 07:00	4095.7	3995.7	210	27	1.9999
16/10/90 08:00	8007.7	7794.8	372.01	28	1.9999
16/10/90 09:00	12114	11725	559.99	28	1.9999
16/10/90 10:00	10863	10535	507.01	28	3.0001
16/10/90 11:00	8466.5	8237.5	399.01	28	3.0001
16/10/90 12:00	6454.1	6292.1	306	28	1.9999
16/10/90 13:00	3461.8	3375.3	168	28	1.9999
16/10/90 14:00	9344.6	9082.5	429.01	28	3.0001
16/10/90 15:00	11000	10666	507.01	28	3.0001
16/10/90 16:00	5843.9	5699.5	284	28	3.0001
16/10/90 17:00	1101.3	1053.5	64.001	28	3.9998
16/10/90 18:00	0	-21.619	1	28	3.9998
16/10/90 19:00	0	-21.619	0	28	3.0001
16/10/90 20:00	0	-21.619	0	28	3.9998
16/10/90 21:00	0	-21.619	0	28	3.9998
16/10/90 22:00	0	-21.619	0	28	3.9998
16/10/90 23:00	0	-21.619	0	28	3.9998
17/10/90 00:00	0	-21.619	0	28	3.9998
17/10/90 01:00	0	-21.619	0	28	3.9998
17/10/90 02:00	0	-21.619	0	28	3.9998
17/10/90 03:00	0	-21.619	0	28	3.9998
17/10/90 04:00	0	-21.619	0	28	3.9998
17/10/90 05:00	0	-21.619	0	28	3.0001
17/10/90 06:00	340.43	303.23	19	28	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
17/10/90 07:00	3974.2	3877	203	28	3.0001
17/10/90 08:00	8624.8	8389.6	400.01	28	3.0001
17/10/90 09:00	11631	11266	536.99	28	1.9999
17/10/90 10:00	5161.4	5035.7	244	27	1.0002
17/10/90 11:00	10221	9921.9	471.01	26	1.9999
17/10/90 12:00	10160	9863.7	469.01	27	3.0001
17/10/90 13:00	3367.7	3282.5	163	27	3.0001
17/10/90 14:00	5443.8	5310.7	258	27	3.0001
17/10/90 15:00	4992.1	4870.8	234	27	3.0001
17/10/90 16:00	3556.6	3468	169	27	1.9999
17/10/90 17:00	816.91	773.4	45.001	28	1.9999
17/10/90 18:00	0	-21.619	1	28	1.9999
17/10/90 19:00	0	-21.619	0	28	3.0001
17/10/90 20:00	0	-21.619	0	28	3.0001
17/10/90 21:00	0	-21.619	0	28	3.0001
17/10/90 22:00	0	-21.619	0	28	3.0001
17/10/90 23:00	0	-21.619	0	28	3.9998
18/10/90 00:00	0	-21.619	0	28	3.9998
18/10/90 01:00	0	-21.619	0	28	3.9998
18/10/90 02:00	0	-21.619	0	28	3.0001
18/10/90 03:00	0	-21.619	0	28	3.9998
18/10/90 04:00	0	-21.619	0	28	3.9998
18/10/90 05:00	0	-21.619	0	28	3.9998
18/10/90 06:00	446.95	408.43	26	28	3.9998
18/10/90 07:00	3892.5	3797	201	28	3.9998
18/10/90 08:00	9126.4	8872.2	422.01	27	3.9998
18/10/90 09:00	13316	12864	609.99	26	3.0001
18/10/90 10:00	16496	15848	766	27	3.9998
18/10/90 11:00	17982	17230	842	27	3.9998
18/10/90 12:00	13282	12832	611.99	26	3.0001
18/10/90 13:00	8803	8561.4	408.01	26	3.0001
18/10/90 14:00	14045	13553	645.99	26	3.9998
18/10/90 15:00	7480.3	7285.3	344.01	25	3.9998
18/10/90 16:00	2339.8	2271.4	111	25	3.0001
18/10/90 17:00	365.02	327.43	19	26	5
18/10/90 18:00	0	-21.619	1	26	6.0002
18/10/90 19:00	0	-21.619	0	26	6.0002
18/10/90 20:00	0	-21.619	0	26	6.0002
18/10/90 21:00	0	-21.619	0	26	6.0002
18/10/90 22:00	0	-21.619	0	26	6.0002
18/10/90 23:00	0	-21.619	0	26	6.0002
19/10/90 00:00	0	-21.619	0	26	6.9999
19/10/90 01:00	0	-21.619	0	25	6.9999
19/10/90 02:00	0	-21.619	0	25	6.9999
19/10/90 03:00	0	-21.619	0	26	6.9999
19/10/90 04:00	0	-21.619	0	26	6.9999
19/10/90 05:00	0	-21.619	0	25	6.9999
19/10/90 06:00	0	-21.619	4.0001	25	6.9999
19/10/90 07:00	654.82	613.42	33.001	26	6.9999
19/10/90 08:00	1463.2	1409.5	72.001	27	6.9999
19/10/90 09:00	2148.8	2083.6	105	27	8.0001
19/10/90 10:00	2646.5	2573.6	129	27	8.0001
19/10/90 11:00	3776.9	3684	182	27	8.9997
19/10/90 12:00	5760.2	5618.5	274	27	8.9997
19/10/90 13:00	6598.9	6432.3	312	27	8.9997
19/10/90 14:00	4939.3	4819.3	234	27	8.9997
19/10/90 15:00	3661	3570.2	173	26	8.0001
19/10/90 16:00	2409.1	2339.5	114	25	8.0001
19/10/90 17:00	784.66	741.41	41.001	26	8.9997
19/10/90 18:00	0	-21.619	0	26	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
19/10/90 19:00	0	-21.619	0	26	10
19/10/90 20:00	0	-21.619	0	26	10
19/10/90 21:00	0	-21.619	0	26	10
19/10/90 22:00	0	-21.619	0	26	10
19/10/90 23:00	0	-21.619	0	26	10
20/10/90 00:00	0	-21.619	0	26	8.9997
20/10/90 01:00	0	-21.619	0	26	8.0001
20/10/90 02:00	0	-21.619	0	26	6.9999
20/10/90 03:00	0	-21.619	0	26	6.9999
20/10/90 04:00	0	-21.619	0	25	6.9999
20/10/90 05:00	0	-21.619	0	25	6.0002
20/10/90 06:00	0	-21.619	4.0001	25	6.9999
20/10/90 07:00	655.19	613.78	33.001	26	6.9999
20/10/90 08:00	1517.1	1462.1	74.001	25	8.0001
20/10/90 09:00	2185.4	2119.3	106	25	8.0001
20/10/90 10:00	2634.6	2561.7	128	26	8.0001
20/10/90 11:00	2896.5	2819.4	141	27	8.9997
20/10/90 12:00	3023	2943.8	147	27	8.0001
20/10/90 13:00	5277.2	5148.5	251	27	8.0001
20/10/90 14:00	4910	4790.7	232	26	8.0001
20/10/90 15:00	3946.3	3850	186	26	6.9999
20/10/90 16:00	2402.3	2333.1	114	26	6.9999
20/10/90 17:00	904.26	859.27	49.001	26	6.0002
20/10/90 18:00	0	-21.619	0	26	6.0002
20/10/90 19:00	0	-21.619	0	26	6.0002
20/10/90 20:00	0	-21.619	0	27	6.0002
20/10/90 21:00	0	-21.619	0	27	6.9999
20/10/90 22:00	0	-21.619	0	26	6.9999
20/10/90 23:00	0	-21.619	0	26	8.0001
21/10/90 00:00	0	-21.619	0	26	8.0001
21/10/90 01:00	0	-21.619	0	26	6.9999
21/10/90 02:00	0	-21.619	0	26	6.9999
21/10/90 03:00	0	-21.619	0	26	8.0001
21/10/90 04:00	0	-21.619	0	26	6.9999
21/10/90 05:00	0	-21.619	0	26	5
21/10/90 06:00	318.03	280.98	17	25	5
21/10/90 07:00	2157.2	2091.9	106	27	6.0002
21/10/90 08:00	2526.4	2455.4	121	27	6.0002
21/10/90 09:00	2228.7	2161.9	108	25	6.9999
21/10/90 10:00	2642.8	2569.5	128	25	6.9999
21/10/90 11:00	2904.2	2826.8	141	26	6.9999
21/10/90 12:00	2880.3	2803.4	140	26	6.0002
21/10/90 13:00	2749.7	2675.1	134	27	6.0002
21/10/90 14:00	3045.6	2966.1	147	27	5
21/10/90 15:00	2849.4	2772.9	136	26	6.0002
21/10/90 16:00	1598.5	1542.3	77.001	26	6.0002
21/10/90 17:00	259.94	223.62	14	26	6.0002
21/10/90 18:00	0	-21.619	0	27	6.0002
21/10/90 19:00	0	-21.619	0	27	6.0002
21/10/90 20:00	0	-21.619	0	27	6.0002
21/10/90 21:00	0	-21.619	0	27	6.0002
21/10/90 22:00	0	-21.619	0	28	6.0002
21/10/90 23:00	0	-21.619	0	27	6.0002
22/10/90 00:00	0	-21.619	0	27	6.0002
22/10/90 01:00	0	-21.619	0	27	6.0002
22/10/90 02:00	0	-21.619	0	26	6.0002
22/10/90 03:00	0	-21.619	0	26	6.0002
22/10/90 04:00	0	-21.619	0	26	6.0002
22/10/90 05:00	0	-21.619	0	27	6.0002
22/10/90 06:00	397.39	359.44	22	27	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
22/10/90 07:00	2787.1	2711.8	143	27	6.0002
22/10/90 08:00	8767.7	8527.1	405.01	27	6.0002
22/10/90 09:00	13108	12666	598.99	27	6.0002
22/10/90 10:00	16293	15658	752	27	6.0002
22/10/90 11:00	17171	16476	798	28	6.0002
22/10/90 12:00	18300	17524	855	27	6.0002
22/10/90 13:00	17419	16706	807	27	6.9999
22/10/90 14:00	14746	14210	675.99	27	6.9999
22/10/90 15:00	10690	10368	491.01	27	5
22/10/90 16:00	5466.1	5332	268	27	3.9998
22/10/90 17:00	968.03	922.28	57.001	28	5
22/10/90 18:00	0	-21.619	1	28	5
22/10/90 19:00	0	-21.619	0	28	5
22/10/90 20:00	0	-21.619	0	27	6.0002
22/10/90 21:00	0	-21.619	0	26	6.0002
22/10/90 22:00	0	-21.619	0	27	5
22/10/90 23:00	0	-21.619	0	27	5
23/10/90 00:00	0	-21.619	0	27	3.9998
23/10/90 01:00	0	-21.619	0	26	3.9998
23/10/90 02:00	0	-21.619	0	27	3.0001
23/10/90 03:00	0	-21.619	0	27	3.0001
23/10/90 04:00	0	-21.619	0	27	3.0001
23/10/90 05:00	0	-21.619	0	26	3.0001
23/10/90 06:00	275.93	239.42	15	26	3.0001
23/10/90 07:00	2834.3	2758.3	146	27	3.0001
23/10/90 08:00	9056.6	8805.1	420.01	27	3.0001
23/10/90 09:00	13393	12936	611.99	26	5
23/10/90 10:00	16330	15692	752	26	6.0002
23/10/90 11:00	17870	17125	834	26	3.9998
23/10/90 12:00	17398	16688	814	27	3.0001
23/10/90 13:00	16758	16092	778	27	3.9998
23/10/90 14:00	11577	11214	529.99	27	6.0002
23/10/90 15:00	6545.1	6380	300	26	3.9998
23/10/90 16:00	4787	4670.7	233	26	3.0001
23/10/90 17:00	937.62	892.24	56.001	27	1.9999
23/10/90 18:00	0	-21.619	0	27	1.9999
23/10/90 19:00	0	-21.619	0	27	3.0001
23/10/90 20:00	0	-21.619	0	27	3.9998
23/10/90 21:00	0	-21.619	0	27	3.0001
23/10/90 22:00	0	-21.619	0	27	3.0001
23/10/90 23:00	0	-21.619	0	27	3.0001
24/10/90 00:00	0	-21.619	0	27	3.0001
24/10/90 01:00	0	-21.619	0	27	1.9999
24/10/90 02:00	0	-21.619	0	27	3.0001
24/10/90 03:00	0	-21.619	0	27	3.9998
24/10/90 04:00	0	-21.619	0	26	5
24/10/90 05:00	0	-21.619	0	26	3.9998
24/10/90 06:00	444.11	405.53	26	26	3.0001
24/10/90 07:00	3679.1	3587.5	192	26	3.0001
24/10/90 08:00	8881.8	8636.9	411.01	26	3.0001
24/10/90 09:00	13434	12975	615.99	26	3.0001
24/10/90 10:00	16442	15798	764	26	1.9999
24/10/90 11:00	17822	17081	836	26	1.9999
24/10/90 12:00	17601	16877	827	27	1.9999
24/10/90 13:00	14931	14386	693.99	27	1.9999
24/10/90 14:00	14101	13606	650.99	27	1.9999
24/10/90 15:00	9858.6	9574.3	453.01	27	3.9998
24/10/90 16:00	4061.7	3962.5	198	27	5
24/10/90 17:00	1006.2	959.66	58.001	26	3.0001
24/10/90 18:00	0	-21.619	0	27	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
24/10/90 19:00	0	-21.619	0	27	3.0001
24/10/90 20:00	0	-21.619	0	27	3.9998
24/10/90 21:00	0	-21.619	0	27	5
24/10/90 22:00	0	-21.619	0	27	5
24/10/90 23:00	0	-21.619	0	27	5
25/10/90 00:00	0	-21.619	0	27	5
25/10/90 01:00	0	-21.619	0	27	5
25/10/90 02:00	0	-21.619	0	27	5
25/10/90 03:00	0	-21.619	0	27	5
25/10/90 04:00	0	-21.619	0	27	5
25/10/90 05:00	0	-21.619	0	27	5
25/10/90 06:00	0	-21.619	5.0001	27	5
25/10/90 07:00	2775	2699.7	143	26	6.0002
25/10/90 08:00	8947.1	8699.7	413.01	26	5
25/10/90 09:00	13187	12742	604.99	27	3.9998
25/10/90 10:00	13108	12667	601.99	27	6.0002
25/10/90 11:00	9754.8	9475.7	450.01	26	6.9999
25/10/90 12:00	15095	14539	695.99	26	5
25/10/90 13:00	16347	15708	757	27	6.0002
25/10/90 14:00	6549.5	6384.4	302	26	8.0001
25/10/90 15:00	1699.8	1641.8	83.001	26	6.9999
25/10/90 16:00	1230.6	1180.5	60.001	26	6.0002
25/10/90 17:00	217.32	181.51	12	27	6.0002
25/10/90 18:00	0	-21.619	0	27	6.0002
25/10/90 19:00	0	-21.619	0	26	6.9999
25/10/90 20:00	0	-21.619	0	26	6.9999
25/10/90 21:00	0	-21.619	0	26	6.9999
25/10/90 22:00	0	-21.619	0	27	6.9999
25/10/90 23:00	0	-21.619	0	26	6.9999
26/10/90 00:00	0	-21.619	0	26	6.9999
26/10/90 01:00	0	-21.619	0	27	8.0001
26/10/90 02:00	0	-21.619	0	26	6.9999
26/10/90 03:00	0	-21.619	0	26	6.9999
26/10/90 04:00	0	-21.619	0	26	8.0001
26/10/90 05:00	0	-21.619	0	26	8.0001
26/10/90 06:00	215.56	179.75	12	26	8.0001
26/10/90 07:00	2899.4	2822	144	26	8.9997
26/10/90 08:00	6724.4	6553.8	310	26	10
26/10/90 09:00	9265.5	9006.3	426.01	27	10
26/10/90 10:00	9044.6	8793.9	418.01	27	10
26/10/90 11:00	4239.5	4136.5	203	27	8.9997
26/10/90 12:00	2802.8	2727.5	137	28	8.9997
26/10/90 13:00	2637.8	2565.2	129	28	8.0001
26/10/90 14:00	2317.4	2249.7	113	27	6.9999
26/10/90 15:00	2373.2	2304.4	114	26	6.0002
26/10/90 16:00	2983.4	2904.7	143	26	6.0002
26/10/90 17:00	807.23	763.92	45.001	29	6.0002
26/10/90 18:00	0	-21.619	0	29	6.9999
26/10/90 19:00	0	-21.619	0	29	6.9999
26/10/90 20:00	0	-21.619	0	29	6.9999
26/10/90 21:00	0	-21.619	0	29	6.9999
26/10/90 22:00	0	-21.619	0	29	8.0001
26/10/90 23:00	0	-21.619	0	28	8.0001
27/10/90 00:00	0	-21.619	0	28	6.9999
27/10/90 01:00	0	-21.619	0	28	6.9999
27/10/90 02:00	0	-21.619	0	28	6.9999
27/10/90 03:00	0	-21.619	0	28	6.9999
27/10/90 04:00	0	-21.619	0	28	6.0002
27/10/90 05:00	0	-21.619	0	28	5
27/10/90 06:00	153.67	118.57	9.0001	28	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
27/10/90 07:00	2957.5	2879.6	152	28	3.9998
27/10/90 08:00	5677.8	5538.1	265	28	5
27/10/90 09:00	11036	10700	509.01	29	5
27/10/90 10:00	13332	12880	617.99	29	5
27/10/90 11:00	15278	14711	710	29	6.0002
27/10/90 12:00	17521	16803	821	29	5
27/10/90 13:00	15244	14680	708	29	5
27/10/90 14:00	13700	13228	631.99	29	5
27/10/90 15:00	10206	9906.7	470.01	28	6.0002
27/10/90 16:00	4908	4788.6	242	28	6.0002
27/10/90 17:00	789.82	746.67	48.001	28	6.0002
27/10/90 18:00	0	-21.619	0	28	5
27/10/90 19:00	0	-21.619	0	28	6.0002
27/10/90 20:00	0	-21.619	0	28	6.0002
27/10/90 21:00	0	-21.619	0	28	6.0002
27/10/90 22:00	0	-21.619	0	28	6.0002
27/10/90 23:00	0	-21.619	0	28	6.0002
28/10/90 00:00	0	-21.619	0	28	6.0002
28/10/90 01:00	0	-21.619	0	28	6.9999
28/10/90 02:00	0	-21.619	0	28	6.9999
28/10/90 03:00	0	-21.619	0	28	6.9999
28/10/90 04:00	0	-21.619	0	28	6.9999
28/10/90 05:00	0	-21.619	0	28	6.0002
28/10/90 06:00	390.95	353.13	22	28	6.0002
28/10/90 07:00	3322.9	3238.5	172	28	6.0002
28/10/90 08:00	8761.4	8520.9	407.01	28	6.9999
28/10/90 09:00	12871	12443	590.99	29	6.9999
28/10/90 10:00	15099	14543	697.99	29	6.9999
28/10/90 11:00	17008	16325	791	29	6.9999
28/10/90 12:00	18057	17299	846	29	6.9999
28/10/90 13:00	16896	16221	786	29	6.9999
28/10/90 14:00	14236	13732	655.99	29	6.9999
28/10/90 15:00	10191	9892.4	471.01	29	6.0002
28/10/90 16:00	4889.8	4771.1	241	29	6.0002
28/10/90 17:00	762.79	720.11	43.001	29	6.0002
28/10/90 18:00	0	-21.619	0	29	6.0002
28/10/90 19:00	0	-21.619	0	29	6.0002
28/10/90 20:00	0	-21.619	0	29	6.0002
28/10/90 21:00	0	-21.619	0	29	6.9999
28/10/90 22:00	0	-21.619	0	29	6.9999
28/10/90 23:00	0	-21.619	0	28	6.9999
29/10/90 00:00	0	-21.619	0	28	6.0002
29/10/90 01:00	0	-21.619	0	28	6.0002
29/10/90 02:00	0	-21.619	0	27	6.0002
29/10/90 03:00	0	-21.619	0	27	6.0002
29/10/90 04:00	0	-21.619	0	27	6.0002
29/10/90 05:00	0	-21.619	0	28	6.0002
29/10/90 06:00	291.59	254.96	16	28	6.0002
29/10/90 07:00	3516.5	3428.4	184	28	6.0002
29/10/90 08:00	8492.7	8262.1	395.01	28	6.0002
29/10/90 09:00	13082	12643	601.99	29	6.0002
29/10/90 10:00	15644	15053	724	29	6.9999
29/10/90 11:00	17929	17180	839	29	6.9999
29/10/90 12:00	18123	17360	849	29	6.9999
29/10/90 13:00	16877	16203	785	29	6.9999
29/10/90 14:00	13864	13382	638.99	29	6.0002
29/10/90 15:00	9653.4	9377.7	446.01	29	6.0002
29/10/90 16:00	4955.4	4835	247	29	6.0002
29/10/90 17:00	797.11	753.94	49.001	29	6.0002
29/10/90 18:00	0	-21.619	0	29	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
29/10/90 19:00	0	-21.619	0	28	6.9999
29/10/90 20:00	0	-21.619	0	28	6.9999
29/10/90 21:00	0	-21.619	0	28	6.9999
29/10/90 22:00	0	-21.619	0	28	6.9999
29/10/90 23:00	0	-21.619	0	28	6.9999
30/10/90 00:00	0	-21.619	0	28	6.0002
30/10/90 01:00	0	-21.619	0	28	6.0002
30/10/90 02:00	0	-21.619	0	28	6.0002
30/10/90 03:00	0	-21.619	0	28	6.0002
30/10/90 04:00	0	-21.619	0	28	6.0002
30/10/90 05:00	0	-21.619	0	28	5
30/10/90 06:00	212.45	176.73	12	28	5
30/10/90 07:00	3080.3	3000.3	157	28	5
30/10/90 08:00	8781.6	8540.4	407.01	27	6.0002
30/10/90 09:00	9252.7	8993.9	425.01	28	6.9999
30/10/90 10:00	9517.2	9247.7	438.01	28	6.9999
30/10/90 11:00	10186	9888.1	470.01	28	6.9999
30/10/90 12:00	13478	13017	624.99	28	6.0002
30/10/90 13:00	14063	13569	648.99	28	6.0002
30/10/90 14:00	12895	12465	592.99	28	6.0002
30/10/90 15:00	7937.7	7726.9	366.01	28	6.0002
30/10/90 16:00	4880.9	4762.2	241	28	6.0002
30/10/90 17:00	785.18	742.1	48.001	28	6.0002
30/10/90 18:00	0	-21.619	0	27	6.0002
30/10/90 19:00	0	-21.619	0	27	6.0002
30/10/90 20:00	0	-21.619	0	27	6.0002
30/10/90 21:00	0	-21.619	0	27	6.0002
30/10/90 22:00	0	-21.619	0	27	6.0002
30/10/90 23:00	0	-21.619	0	27	6.0002
31/10/90 00:00	0	-21.619	0	27	6.0002
31/10/90 01:00	0	-21.619	0	27	6.0002
31/10/90 02:00	0	-21.619	0	27	6.0002
31/10/90 03:00	0	-21.619	0	28	6.0002
31/10/90 04:00	0	-21.619	0	28	6.0002
31/10/90 05:00	0	-21.619	0	28	6.0002
31/10/90 06:00	252.3	216.13	14	28	5
31/10/90 07:00	3258.5	3175.4	171	28	5
31/10/90 08:00	8262.4	8040	385.01	28	5
31/10/90 09:00	13051	12614	601.99	29	5
31/10/90 10:00	16113	15492	750	29	5
31/10/90 11:00	17313	16609	810	29	5
31/10/90 12:00	17873	17129	840	29	5
31/10/90 13:00	16729	16065	780	28	3.9998
31/10/90 14:00	13383	12928	615.99	28	3.9998
31/10/90 15:00	9972.3	9682.9	461.01	28	3.9998
31/10/90 16:00	4784.6	4668.3	239	28	5
31/10/90 17:00	758.67	716.03	49.001	29	5
31/10/90 18:00	0	-21.619	0	28	5
31/10/90 19:00	0	-21.619	0	28	5
31/10/90 20:00	0	-21.619	0	28	6.0002
31/10/90 21:00	0	-21.619	0	28	6.0002
31/10/90 22:00	0	-21.619	0	28	5
31/10/90 23:00	0	-21.619	0	28	5
1/11/1990 0:00	0	-21.619	0	26	6.9999
1/11/1990 1:00	0	-21.619	0	26	6.9999
1/11/1990 2:00	0	-21.619	0	26	6.9999
1/11/1990 3:00	0	-21.619	0	26	6.9999
1/11/1990 4:00	0	-21.619	0	26	6.9999
1/11/1990 5:00	0	-21.619	0	26	6.9999
1/11/1990 6:00	132.46	97.547	8.0001	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/11/1990 7:00	3081.3	3000.8	160	26	8.0001
1/11/1990 8:00	8363.6	8137.6	388.01	25	8.0001
1/11/1990 9:00	12997	12561	592.99	25	8.0001
1/11/1990 10:00	15860	15253	731	26	8.0001
1/11/1990 11:00	12205	11810	563.99	26	8.0001
1/11/1990 12:00	7740.8	7537	360.01	26	8.0001
1/11/1990 13:00	15944	15332	735	26	8.0001
1/11/1990 14:00	13839	13357	633.99	26	8.0001
1/11/1990 15:00	9981.2	9691.2	460.01	26	8.0001
1/11/1990 16:00	4794.7	4678.1	238	26	8.0001
1/11/1990 17:00	651.67	610.31	37.001	26	8.0001
1/11/1990 18:00	0	-21.619	0	26	8.0001
1/11/1990 19:00	0	-21.619	0	26	8.0001
1/11/1990 20:00	0	-21.619	0	26	8.0001
1/11/1990 21:00	0	-21.619	0	26	8.0001
1/11/1990 22:00	0	-21.619	0	26	6.9999
1/11/1990 23:00	0	-21.619	0	26	6.9999
2/11/1990 0:00	0	-21.619	0	26	6.9999
2/11/1990 1:00	0	-21.619	0	26	6.9999
2/11/1990 2:00	0	-21.619	0	27	6.9999
2/11/1990 3:00	0	-21.619	0	27	6.9999
2/11/1990 4:00	0	-21.619	0	26	8.0001
2/11/1990 5:00	0	-21.619	0	27	8.0001
2/11/1990 6:00	289.01	252.34	16	26	8.9997
2/11/1990 7:00	3033.8	2954.1	157	26	8.9997
2/11/1990 8:00	8506.3	8275.1	396.01	26	8.9997
2/11/1990 9:00	12981	12546	593.99	26	8.9997
2/11/1990 10:00	16100	15477	742	26	8.9997
2/11/1990 11:00	17590	16864	819	27	8.9997
2/11/1990 12:00	17063	16374	791	27	8.9997
2/11/1990 13:00	16451	15804	761	27	8.9997
2/11/1990 14:00	11450	11093	525.99	27	8.0001
2/11/1990 15:00	9229.1	8970.5	425.01	26	8.0001
2/11/1990 16:00	4780.5	4664.3	237	26	8.0001
2/11/1990 17:00	602.32	561.7	34.001	27	8.0001
2/11/1990 18:00	0	-21.619	0	27	8.0001
2/11/1990 19:00	0	-21.619	0	27	8.9997
2/11/1990 20:00	0	-21.619	0	27	8.9997
2/11/1990 21:00	0	-21.619	0	26	8.9997
2/11/1990 22:00	0	-21.619	0	26	8.9997
2/11/1990 23:00	0	-21.619	0	26	8.9997
3/11/1990 0:00	0	-21.619	0	26	8.0001
3/11/1990 1:00	0	-21.619	0	26	8.0001
3/11/1990 2:00	0	-21.619	0	26	6.9999
3/11/1990 3:00	0	-21.619	0	26	8.0001
3/11/1990 4:00	0	-21.619	0	26	8.0001
3/11/1990 5:00	0	-21.619	0	26	8.9997
3/11/1990 6:00	152.52	117.38	9.0001	25	8.0001
3/11/1990 7:00	1531.9	1476.7	75.001	25	8.0001
3/11/1990 8:00	4077.4	3977.9	191	25	8.0001
3/11/1990 9:00	5922.5	5776.1	274	25	6.9999
3/11/1990 10:00	8316.5	8092.6	385.01	25	8.0001
3/11/1990 11:00	14568	14044	670.99	26	8.9997
3/11/1990 12:00	10652	10333	494.01	26	8.9997
3/11/1990 13:00	9255.7	8996.9	429.01	26	8.9997
3/11/1990 14:00	9240	8981.7	425.01	26	8.0001
3/11/1990 15:00	3780	3687	179	26	8.0001
3/11/1990 16:00	1685.3	1627.3	81.001	25	6.9999
3/11/1990 17:00	421.77	383.47	22	26	8.0001
3/11/1990 18:00	0	-21.619	0	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
3/11/1990 19:00	0	-21.619	0	26	6.9999
3/11/1990 20:00	0	-21.619	0	26	6.9999
3/11/1990 21:00	0	-21.619	0	26	8.0001
3/11/1990 22:00	0	-21.619	0	26	8.9997
3/11/1990 23:00	0	-21.619	0	27	8.9997
4/11/1990 0:00	0	-21.619	0	27	8.9997
4/11/1990 1:00	0	-21.619	0	27	8.9997
4/11/1990 2:00	0	-21.619	0	27	8.9997
4/11/1990 3:00	0	-21.619	0	27	8.0001
4/11/1990 4:00	0	-21.619	0	26	8.9997
4/11/1990 5:00	0	-21.619	0	27	8.0001
4/11/1990 6:00	0	-21.619	6.0001	27	8.0001
4/11/1990 7:00	1164.2	1115.3	57.001	27	8.0001
4/11/1990 8:00	5892.4	5746.7	275	26	8.0001
4/11/1990 9:00	11972	11590	549.99	27	8.0001
4/11/1990 10:00	15159	14598	698.99	27	8.0001
4/11/1990 11:00	15829	15225	732	27	8.0001
4/11/1990 12:00	17450	16733	810	27	8.9997
4/11/1990 13:00	15673	15079	723	27	8.9997
4/11/1990 14:00	10394	10087	479.01	27	8.9997
4/11/1990 15:00	8544.2	8311.9	395.01	27	8.9997
4/11/1990 16:00	4348.3	4242.6	216	27	8.0001
4/11/1990 17:00	650.96	609.68	39.001	27	6.9999
4/11/1990 18:00	0	-21.619	0	27	6.9999
4/11/1990 19:00	0	-21.619	0	27	8.0001
4/11/1990 20:00	0	-21.619	0	27	8.0001
4/11/1990 21:00	0	-21.619	0	27	8.0001
4/11/1990 22:00	0	-21.619	0	27	6.9999
4/11/1990 23:00	0	-21.619	0	27	6.0002
5/11/1990 0:00	0	-21.619	0	27	6.0002
5/11/1990 1:00	0	-21.619	0	27	6.0002
5/11/1990 2:00	0	-21.619	0	27	6.0002
5/11/1990 3:00	0	-21.619	0	27	6.0002
5/11/1990 4:00	0	-21.619	0	27	6.0002
5/11/1990 5:00	0	-21.619	0	27	5
5/11/1990 6:00	0	-21.619	3	27	5
5/11/1990 7:00	2280.1	2213	115	27	6.0002
5/11/1990 8:00	3736.7	3644.6	177	27	6.0002
5/11/1990 9:00	8068.5	7853.4	375.01	27	6.0002
5/11/1990 10:00	12941	12509	600.99	27	6.0002
5/11/1990 11:00	9715	9437	446.01	27	6.0002
5/11/1990 12:00	2987	2908.5	146	27	6.0002
5/11/1990 13:00	3337.9	3253.2	162	27	6.0002
5/11/1990 14:00	7025.6	6845.5	325	27	5
5/11/1990 15:00	7481.6	7286.4	348.01	27	5
5/11/1990 16:00	4220.6	4117.7	210	27	5
5/11/1990 17:00	656.59	615.23	38.001	27	6.0002
5/11/1990 18:00	0	-21.619	0	27	6.0002
5/11/1990 19:00	0	-21.619	0	27	6.9999
5/11/1990 20:00	0	-21.619	0	27	6.9999
5/11/1990 21:00	0	-21.619	0	27	6.0002
5/11/1990 22:00	0	-21.619	0	27	6.0002
5/11/1990 23:00	0	-21.619	0	27	5
6/11/1990 0:00	0	-21.619	0	27	5
6/11/1990 1:00	0	-21.619	0	27	5
6/11/1990 2:00	0	-21.619	0	27	5
6/11/1990 3:00	0	-21.619	0	27	5
6/11/1990 4:00	0	-21.619	0	27	5
6/11/1990 5:00	0	-21.619	0	27	5
6/11/1990 6:00	228.71	192.77	13	27	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/11/1990 7:00	3049.9	2970.2	160	27	5
6/11/1990 8:00	7486.1	7290.7	351.01	27	5
6/11/1990 9:00	12294	11895	565.99	27	5
6/11/1990 10:00	15731	15134	731	27	5
6/11/1990 11:00	17199	16502	804	27	5
6/11/1990 12:00	15470	14890	722	27	3.9998
6/11/1990 13:00	6595.5	6428.9	311	27	5
6/11/1990 14:00	5869.9	5725	276	27	5
6/11/1990 15:00	4496.5	4387.4	212	27	6.0002
6/11/1990 16:00	3663	3572.1	180	27	6.0002
6/11/1990 17:00	556.53	516.53	32	27	6.0002
6/11/1990 18:00	0	-21.619	0	27	5
6/11/1990 19:00	0	-21.619	0	27	3.9998
6/11/1990 20:00	0	-21.619	0	27	3.0001
6/11/1990 21:00	0	-21.619	0	27	3.9998
6/11/1990 22:00	0	-21.619	0	27	3.9998
6/11/1990 23:00	0	-21.619	0	27	3.9998
7/11/1990 0:00	0	-21.619	0	27	3.9998
7/11/1990 1:00	0	-21.619	0	27	3.9998
7/11/1990 2:00	0	-21.619	0	27	3.9998
7/11/1990 3:00	0	-21.619	0	27	3.9998
7/11/1990 4:00	0	-21.619	0	27	5
7/11/1990 5:00	0	-21.619	0	27	5
7/11/1990 6:00	56.324	-21.619	7.0001	27	3.9998
7/11/1990 7:00	1816.1	1756.3	90.001	27	3.9998
7/11/1990 8:00	3990	3892.6	189	27	3.9998
7/11/1990 9:00	11813	11439	545.99	27	3.9998
7/11/1990 10:00	14777	14240	684.99	27	5
7/11/1990 11:00	9880.1	9595.5	458.01	27	5
7/11/1990 12:00	7673.3	7471.8	360.01	26	6.0002
7/11/1990 13:00	13168	12723	609.99	26	6.0002
7/11/1990 14:00	10912	10580	501.01	26	6.0002
7/11/1990 15:00	9237.2	8978.2	427.01	26	6.0002
7/11/1990 16:00	4354.7	4248.6	219	27	6.0002
7/11/1990 17:00	637.33	596.23	37.001	27	5
7/11/1990 18:00	0	-21.619	0	27	6.0002
7/11/1990 19:00	0	-21.619	0	27	6.0002
7/11/1990 20:00	0	-21.619	0	27	5
7/11/1990 21:00	0	-21.619	0	27	5
7/11/1990 22:00	0	-21.619	0	27	5
7/11/1990 23:00	0	-21.619	0	26	5
8/11/1990 0:00	0	-21.619	0	26	5
8/11/1990 1:00	0	-21.619	0	25	5
8/11/1990 2:00	0	-21.619	0	25	6.0002
8/11/1990 3:00	0	-21.619	0	25	6.9999
8/11/1990 4:00	0	-21.619	0	25	6.9999
8/11/1990 5:00	0	-21.619	0	25	6.9999
8/11/1990 6:00	0	-21.619	2	25	8.0001
8/11/1990 7:00	613.91	573.01	31	25	8.9997
8/11/1990 8:00	2462.2	2392	118	26	8.9997
8/11/1990 9:00	4167.2	4065.8	198	26	8.9997
8/11/1990 10:00	5369.5	5238.4	255	26	8.9997
8/11/1990 11:00	3816.5	3722.8	184	26	8.9997
8/11/1990 12:00	3600.6	3511	174	26	8.9997
8/11/1990 13:00	6721.9	6551.5	315	26	8.9997
8/11/1990 14:00	12327	11927	563.99	25	8.9997
8/11/1990 15:00	8619.4	8384.2	397.01	25	8.9997
8/11/1990 16:00	4541.7	4431.2	227	25	8.9997
8/11/1990 17:00	630.94	589.85	39.001	26	8.0001
8/11/1990 18:00	0	-21.619	0	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
8/11/1990 19:00	0	-21.619	0	26	8.0001
8/11/1990 20:00	0	-21.619	0	26	8.0001
8/11/1990 21:00	0	-21.619	0	26	8.0001
8/11/1990 22:00	0	-21.619	0	26	6.9999
8/11/1990 23:00	0	-21.619	0	26	6.9999
9/11/1990 0:00	0	-21.619	0	26	6.9999
9/11/1990 1:00	0	-21.619	0	26	6.9999
9/11/1990 2:00	0	-21.619	0	26	8.0001
9/11/1990 3:00	0	-21.619	0	26	8.0001
9/11/1990 4:00	0	-21.619	0	25	8.9997
9/11/1990 5:00	0	-21.619	0	25	8.9997
9/11/1990 6:00	228.85	192.86	13	25	10
9/11/1990 7:00	2963.7	2885.1	158	25	10
9/11/1990 8:00	7652.6	7451.5	356.01	25	11
9/11/1990 9:00	9503.8	9234.6	435.01	25	11
9/11/1990 10:00	15321	14749	699.99	25	11
9/11/1990 11:00	16814	16141	772	25	11
9/11/1990 12:00	17195	16495	791	25	11
9/11/1990 13:00	16113	15489	738	25	11
9/11/1990 14:00	12401	11997	563.99	25	11
9/11/1990 15:00	9244.5	8985	425.01	25	11
9/11/1990 16:00	4346.3	4240.4	217	25	10
9/11/1990 17:00	619.17	578.18	37.001	25	10
9/11/1990 18:00	0	-21.619	0	25	10
9/11/1990 19:00	0	-21.619	0	26	10
9/11/1990 20:00	0	-21.619	0	26	10
9/11/1990 21:00	0	-21.619	0	26	10
9/11/1990 22:00	0	-21.619	0	26	10
9/11/1990 23:00	0	-21.619	0	26	10
10/11/1990 0:00	0	-21.619	0	26	10
10/11/1990 1:00	0	-21.619	0	26	10
10/11/1990 2:00	0	-21.619	0	26	10
10/11/1990 3:00	0	-21.619	0	26	8.9997
10/11/1990 4:00	0	-21.619	0	26	8.9997
10/11/1990 5:00	0	-21.619	0	26	8.9997
10/11/1990 6:00	56.183	-21.619	7.0001	26	8.9997
10/11/1990 7:00	1169	1119.9	60.001	26	10
10/11/1990 8:00	1731.7	1672.9	84.001	25	10
10/11/1990 9:00	9527	9256.8	436.01	25	11
10/11/1990 10:00	5622.5	5484.5	261	25	11
10/11/1990 11:00	16377	15735	755	26	11
10/11/1990 12:00	17133	16438	790	26	11
10/11/1990 13:00	13276	12826	608.99	26	11
10/11/1990 14:00	11376	11022	519.99	26	11
10/11/1990 15:00	8221.6	8000.9	380.01	26	12
10/11/1990 16:00	2928.1	2850.2	142	26	12
10/11/1990 17:00	358.01	320.5	19	26	11
10/11/1990 18:00	0	-21.619	0	27	11
10/11/1990 19:00	0	-21.619	0	27	12
10/11/1990 20:00	0	-21.619	0	26	12
10/11/1990 21:00	0	-21.619	0	26	12
10/11/1990 22:00	0	-21.619	0	26	11
10/11/1990 23:00	0	-21.619	0	26	12
11/11/1990 0:00	0	-21.619	0	26	11
11/11/1990 1:00	0	-21.619	0	26	11
11/11/1990 2:00	0	-21.619	0	26	11
11/11/1990 3:00	0	-21.619	0	26	11
11/11/1990 4:00	0	-21.619	0	26	11
11/11/1990 5:00	0	-21.619	0	26	8.9997
11/11/1990 6:00	149.32	114.24	9.0001	26	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/11/1990 7:00	2626.9	2554	137	26	10
11/11/1990 8:00	6590.1	6423.6	308	26	10
11/11/1990 9:00	12366	11963	564.99	26	10
11/11/1990 10:00	15434	14855	709	26	10
11/11/1990 11:00	17090	16398	790	26	10
11/11/1990 12:00	17450	16733	808	26	10
11/11/1990 13:00	16207	15576	746	26	10
11/11/1990 14:00	13494	13032	618.99	27	10
11/11/1990 15:00	9479.9	9210.5	438.01	26	10
11/11/1990 16:00	4381	4274.2	222	26	10
11/11/1990 17:00	602.63	562	37.001	27	8.9997
11/11/1990 18:00	0	-21.619	0	27	8.9997
11/11/1990 19:00	0	-21.619	0	27	8.9997
11/11/1990 20:00	0	-21.619	0	27	8.9997
11/11/1990 21:00	0	-21.619	0	28	10
11/11/1990 22:00	0	-21.619	0	28	10
11/11/1990 23:00	0	-21.619	0	27	10
12/11/1990 0:00	0	-21.619	0	27	11
12/11/1990 1:00	0	-21.619	0	27	11
12/11/1990 2:00	0	-21.619	0	26	11
12/11/1990 3:00	0	-21.619	0	26	11
12/11/1990 4:00	0	-21.619	0	26	11
12/11/1990 5:00	0	-21.619	0	26	10
12/11/1990 6:00	149.85	114.76	9.0001	26	10
12/11/1990 7:00	2544	2472.4	133	26	10
12/11/1990 8:00	7407.1	7214.2	347.01	26	8.9997
12/11/1990 9:00	12333	11932	563.99	26	8.9997
12/11/1990 10:00	15032	14478	689.99	26	8.9997
12/11/1990 11:00	14644	14114	671.99	26	8.9997
12/11/1990 12:00	17319	16611	803	26	8.9997
12/11/1990 13:00	15910	15299	734	26	8.0001
12/11/1990 14:00	13480	13018	617.99	26	8.0001
12/11/1990 15:00	9312.5	9050	431.01	26	8.0001
12/11/1990 16:00	4399.8	4292.3	225	26	8.0001
12/11/1990 17:00	622.19	581.23	39.001	26	6.9999
12/11/1990 18:00	0	-21.619	0	26	6.9999
12/11/1990 19:00	0	-21.619	0	26	8.0001
12/11/1990 20:00	0	-21.619	0	26	8.0001
12/11/1990 21:00	0	-21.619	0	27	8.0001
12/11/1990 22:00	0	-21.619	0	27	8.0001
12/11/1990 23:00	0	-21.619	0	27	8.0001
13/11/90 00:00	0	-21.619	0	27	8.0001
13/11/90 01:00	0	-21.619	0	26	8.0001
13/11/90 02:00	0	-21.619	0	26	8.0001
13/11/90 03:00	0	-21.619	0	26	8.0001
13/11/90 04:00	0	-21.619	0	26	8.0001
13/11/90 05:00	0	-21.619	0	26	6.9999
13/11/90 06:00	129.89	95.01	8.0001	26	6.9999
13/11/90 07:00	2623.9	2551	142	26	6.9999
13/11/90 08:00	7833.8	7626.3	368.01	26	6.9999
13/11/90 09:00	12319	11918	564.99	26	6.9999
13/11/90 10:00	15120	14561	695.99	26	6.9999
13/11/90 11:00	17078	16388	793	26	6.9999
13/11/90 12:00	17375	16664	808	26	6.9999
13/11/90 13:00	15996	15380	739	26	6.9999
13/11/90 14:00	13488	13025	618.99	26	6.9999
13/11/90 15:00	9474.4	9205.1	439.01	26	6.9999
13/11/90 16:00	4064.8	3964.9	206	26	6.9999
13/11/90 17:00	608.15	567.38	38.001	26	6.0002
13/11/90 18:00	0	-21.619	0	26	6.0002

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
13/11/90 19:00	0	-21.619	0	26	6.9999
13/11/90 20:00	0	-21.619	0	26	6.9999
13/11/90 21:00	0	-21.619	0	26	6.9999
13/11/90 22:00	0	-21.619	0	26	8.0001
13/11/90 23:00	0	-21.619	0	26	8.0001
14/11/90 00:00	0	-21.619	0	26	8.0001
14/11/90 01:00	0	-21.619	0	25	8.0001
14/11/90 02:00	0	-21.619	0	25	8.0001
14/11/90 03:00	0	-21.619	0	24	8.0001
14/11/90 04:00	0	-21.619	0	24	6.9999
14/11/90 05:00	0	-21.619	0	25	6.0002
14/11/90 06:00	168.22	132.91	10	25	6.0002
14/11/90 07:00	2836.9	2760.3	158	25	6.0002
14/11/90 08:00	7996.8	7783.6	376.01	25	6.0002
14/11/90 09:00	12365	11962	565.99	25	6.0002
14/11/90 10:00	15494	14911	713	25	6.0002
14/11/90 11:00	17129	16435	794	25	6.0002
14/11/90 12:00	17325	16617	804	25	6.0002
14/11/90 13:00	16111	15487	743	25	6.0002
14/11/90 14:00	13470	13009	615.99	25	6.9999
14/11/90 15:00	9310	9047.4	430.01	25	6.9999
14/11/90 16:00	4206.1	4103	214	25	6.0002
14/11/90 17:00	596.73	556.12	37.001	26	6.0002
14/11/90 18:00	0	-21.619	0	26	6.9999
14/11/90 19:00	0	-21.619	0	26	6.9999
14/11/90 20:00	0	-21.619	0	26	6.9999
14/11/90 21:00	0	-21.619	0	26	8.0001
14/11/90 22:00	0	-21.619	0	26	8.0001
14/11/90 23:00	0	-21.619	0	26	8.0001
15/11/90 00:00	0	-21.619	0	26	8.0001
15/11/90 01:00	0	-21.619	0	26	8.0001
15/11/90 02:00	0	-21.619	0	26	8.0001
15/11/90 03:00	0	-21.619	0	26	8.0001
15/11/90 04:00	0	-21.619	0	26	8.0001
15/11/90 05:00	0	-21.619	0	26	6.0002
15/11/90 06:00	129.71	94.823	8.0001	26	6.0002
15/11/90 07:00	2647.7	2574.4	144	26	6.0002
15/11/90 08:00	7830.3	7622.9	369.01	26	6.0002
15/11/90 09:00	12257	11859	562.99	26	6.0002
15/11/90 10:00	15358	14784	709	26	6.0002
15/11/90 11:00	17032	16346	792	26	6.0002
15/11/90 12:00	17267	16564	804	26	6.0002
15/11/90 13:00	15879	15272	737	27	6.0002
15/11/90 14:00	12313	11913	565.99	27	6.0002
15/11/90 15:00	9412.9	9146	438.01	27	6.9999
15/11/90 16:00	4389.6	4282.2	226	26	6.9999
15/11/90 17:00	602.61	561.97	38.001	27	6.9999
15/11/90 18:00	0	-21.619	0	26	6.9999
15/11/90 19:00	0	-21.619	0	26	8.0001
15/11/90 20:00	0	-21.619	0	26	8.0001
15/11/90 21:00	0	-21.619	0	26	8.0001
15/11/90 22:00	0	-21.619	0	26	8.0001
15/11/90 23:00	0	-21.619	0	26	8.9997
16/11/90 00:00	0	-21.619	0	26	8.9997
16/11/90 01:00	0	-21.619	0	26	8.9997
16/11/90 02:00	0	-21.619	0	26	8.9997
16/11/90 03:00	0	-21.619	0	26	8.9997
16/11/90 04:00	0	-21.619	0	26	8.9997
16/11/90 05:00	0	-21.619	0	26	8.0001
16/11/90 06:00	0	-21.619	6.0001	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/11/90 07:00	2634.4	2561.3	143	26	8.9997
16/11/90 08:00	7386.2	7193.9	347.01	26	8.9997
16/11/90 09:00	12073	11685	551.99	26	8.9997
16/11/90 10:00	15218	14652	698.99	26	8.9997
16/11/90 11:00	16831	16158	779	26	8.0001
16/11/90 12:00	17148	16453	795	26	8.0001
16/11/90 13:00	15730	15131	724	26	8.0001
16/11/90 14:00	12961	12527	592.99	26	8.0001
16/11/90 15:00	6963.2	6784.8	323	26	6.9999
16/11/90 16:00	4099.9	3999.2	208	26	6.9999
16/11/90 17:00	612.12	571.29	38.001	26	6.0002
16/11/90 18:00	0	-21.619	0	26	6.0002
16/11/90 19:00	0	-21.619	0	26	6.9999
16/11/90 20:00	0	-21.619	0	26	6.9999
16/11/90 21:00	0	-21.619	0	26	6.9999
16/11/90 22:00	0	-21.619	0	26	6.9999
16/11/90 23:00	0	-21.619	0	26	6.9999
17/11/90 00:00	0	-21.619	0	26	6.9999
17/11/90 01:00	0	-21.619	0	26	6.9999
17/11/90 02:00	0	-21.619	0	26	6.9999
17/11/90 03:00	0	-21.619	0	26	6.0002
17/11/90 04:00	0	-21.619	0	26	6.0002
17/11/90 05:00	0	-21.619	0	26	6.0002
17/11/90 06:00	147.21	112.15	9.0001	26	5
17/11/90 07:00	2649.6	2576.3	147	26	3.9998
17/11/90 08:00	7728.5	7524.5	366.01	26	3.9998
17/11/90 09:00	11968	11586	552.99	27	3.9998
17/11/90 10:00	15100	14542	699.99	27	5
17/11/90 11:00	16825	16153	784	27	6.0002
17/11/90 12:00	16868	16193	783	26	6.0002
17/11/90 13:00	15032	14478	692.99	26	6.0002
17/11/90 14:00	13140	12696	603.99	26	5
17/11/90 15:00	7200.6	7014.7	334.01	25	5
17/11/90 16:00	943.78	898.21	47.001	26	5
17/11/90 17:00	318.33	281.28	17	25	5
17/11/90 18:00	0	-21.619	0	25	5
17/11/90 19:00	0	-21.619	0	25	5
17/11/90 20:00	0	-21.619	0	25	5
17/11/90 21:00	0	-21.619	0	25	5
17/11/90 22:00	0	-21.619	0	25	5
17/11/90 23:00	0	-21.619	0	25	5
18/11/90 00:00	0	-21.619	0	26	5
18/11/90 01:00	0	-21.619	0	25	5
18/11/90 02:00	0	-21.619	0	25	5
18/11/90 03:00	0	-21.619	0	25	5
18/11/90 04:00	0	-21.619	0	25	5
18/11/90 05:00	0	-21.619	0	25	3.9998
18/11/90 06:00	108.53	-21.619	7.0001	26	3.9998
18/11/90 07:00	2608.5	2535.7	146	25	5
18/11/90 08:00	7689.1	7486.5	363.01	25	5
18/11/90 09:00	12102	11712	554.99	25	5
18/11/90 10:00	15170	14607	699.99	25	3.9998
18/11/90 11:00	16843	16169	783	25	3.9998
18/11/90 12:00	16414	15770	761	25	3.9998
18/11/90 13:00	10865	10536	502.01	25	3.9998
18/11/90 14:00	12043	11657	551.99	25	3.9998
18/11/90 15:00	9258.3	8997.7	431.01	26	3.9998
18/11/90 16:00	4298.5	4193.1	222	26	3.9998
18/11/90 17:00	590.45	549.92	37.001	26	3.9998
18/11/90 18:00	0	-21.619	0	26	3.9998

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
18/11/90 19:00	0	-21.619	0	26	5
18/11/90 20:00	0	-21.619	0	25	5
18/11/90 21:00	0	-21.619	0	25	5
18/11/90 22:00	0	-21.619	0	25	3.9998
18/11/90 23:00	0	-21.619	0	25	3.9998
19/11/90 00:00	0	-21.619	0	25	3.9998
19/11/90 01:00	0	-21.619	0	24	5
19/11/90 02:00	0	-21.619	0	24	5
19/11/90 03:00	0	-21.619	0	25	5
19/11/90 04:00	0	-21.619	0	24	5
19/11/90 05:00	0	-21.619	0	26	5
19/11/90 06:00	0	-21.619	5.0001	26	5
19/11/90 07:00	2154.8	2089.3	113	26	6.0002
19/11/90 08:00	7614.3	7414.3	358.01	25	6.0002
19/11/90 09:00	10910	10578	498.01	25	6.9999
19/11/90 10:00	13722	13247	627.99	25	6.9999
19/11/90 11:00	11395	11041	524.99	25	6.9999
19/11/90 12:00	14933	14385	686.99	25	6.9999
19/11/90 13:00	13808	13328	631.99	25	6.9999
19/11/90 14:00	12778	12353	583.99	25	6.0002
19/11/90 15:00	9304.4	9041.9	431.01	25	6.0002
19/11/90 16:00	4224.7	4121.1	216	25	6.0002
19/11/90 17:00	561.27	521.14	35.001	26	6.0002
19/11/90 18:00	0	-21.619	0	26	6.9999
19/11/90 19:00	0	-21.619	0	26	6.9999
19/11/90 20:00	0	-21.619	0	26	6.9999
19/11/90 21:00	0	-21.619	0	27	6.9999
19/11/90 22:00	0	-21.619	0	27	6.9999
19/11/90 23:00	0	-21.619	0	27	8.0001
20/11/90 00:00	0	-21.619	0	26	8.0001
20/11/90 01:00	0	-21.619	0	26	8.0001
20/11/90 02:00	0	-21.619	0	26	8.0001
20/11/90 03:00	0	-21.619	0	26	8.0001
20/11/90 04:00	0	-21.619	0	26	8.9997
20/11/90 05:00	0	-21.619	0	26	8.0001
20/11/90 06:00	0	-21.619	6.0001	26	8.0001
20/11/90 07:00	1236.9	1186.7	71.001	26	8.0001
20/11/90 08:00	7275.5	7086.8	343.01	26	8.0001
20/11/90 09:00	11834	11458	541.99	26	8.0001
20/11/90 10:00	14962	14412	686.99	26	8.0001
20/11/90 11:00	14822	14281	680.99	26	8.0001
20/11/90 12:00	14243	13737	655.99	26	8.0001
20/11/90 13:00	9877.2	9592.7	458.01	26	6.9999
20/11/90 14:00	9624.2	9349.6	439.01	25	6.9999
20/11/90 15:00	8533.8	8301.6	395.01	25	6.9999
20/11/90 16:00	3787.5	3693.6	189	25	6.9999
20/11/90 17:00	466.77	427.84	27	25	6.9999
20/11/90 18:00	0	-21.619	0	25	6.9999
20/11/90 19:00	0	-21.619	0	25	6.0002
20/11/90 20:00	0	-21.619	0	25	6.0002
20/11/90 21:00	0	-21.619	0	25	6.0002
20/11/90 22:00	0	-21.619	0	25	6.9999
20/11/90 23:00	0	-21.619	0	25	6.9999
21/11/90 00:00	0	-21.619	0	25	8.0001
21/11/90 01:00	0	-21.619	0	25	8.0001
21/11/90 02:00	0	-21.619	0	25	8.0001
21/11/90 03:00	0	-21.619	0	25	8.0001
21/11/90 04:00	0	-21.619	0	25	8.0001
21/11/90 05:00	0	-21.619	0	25	8.0001
21/11/90 06:00	0	-21.619	6.0001	25	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/11/90 07:00	2520.4	2448.9	140	24	8.9997
21/11/90 08:00	7329.8	7139.3	345.01	24	8.9997
21/11/90 09:00	11922	11541	543.99	24	8.0001
21/11/90 10:00	15125	14565	691.99	24	8.0001
21/11/90 11:00	16767	16097	773	24	6.9999
21/11/90 12:00	13193	12747	606.99	25	6.9999
21/11/90 13:00	10377	10070	478.01	25	6.9999
21/11/90 14:00	9996.4	9706.5	461.01	26	6.9999
21/11/90 15:00	6977.7	6798.9	325	26	6.9999
21/11/90 16:00	3564.2	3474.9	178	26	6.9999
21/11/90 17:00	519.74	480.16	32	26	8.0001
21/11/90 18:00	0	-21.619	0	26	8.0001
21/11/90 19:00	0	-21.619	0	26	8.0001
21/11/90 20:00	0	-21.619	0	26	8.0001
21/11/90 21:00	0	-21.619	0	26	6.9999
21/11/90 22:00	0	-21.619	0	26	6.9999
21/11/90 23:00	0	-21.619	0	26	6.9999
22/11/90 00:00	0	-21.619	0	26	6.9999
22/11/90 01:00	0	-21.619	0	26	8.0001
22/11/90 02:00	0	-21.619	0	25	8.9997
22/11/90 03:00	0	-21.619	0	25	10
22/11/90 04:00	0	-21.619	0	25	10
22/11/90 05:00	0	-21.619	0	25	10
22/11/90 06:00	0	-21.619	6.0001	25	10
22/11/90 07:00	1963	1900.3	104	24	10
22/11/90 08:00	7279.6	7090.7	342.01	24	10
22/11/90 09:00	11581	11217	526.99	24	10
22/11/90 10:00	14488	13967	659.99	24	10
22/11/90 11:00	16524	15871	760	25	10
22/11/90 12:00	16738	16071	771	25	10
22/11/90 13:00	15042	14487	688.99	25	8.9997
22/11/90 14:00	12751	12328	581.99	25	8.9997
22/11/90 15:00	7342.1	7151.3	340.01	25	8.9997
22/11/90 16:00	4195.4	4092.6	213	25	8.9997
22/11/90 17:00	529.85	490.08	31	25	8.9997
22/11/90 18:00	0	-21.619	0	25	8.9997
22/11/90 19:00	0	-21.619	0	25	8.9997
22/11/90 20:00	0	-21.619	0	25	8.9997
22/11/90 21:00	0	-21.619	0	25	8.9997
22/11/90 22:00	0	-21.619	0	25	8.0001
22/11/90 23:00	0	-21.619	0	25	8.0001
23/11/90 00:00	0	-21.619	0	25	8.0001
23/11/90 01:00	0	-21.619	0	25	8.0001
23/11/90 02:00	0	-21.619	0	25	6.9999
23/11/90 03:00	0	-21.619	0	25	8.0001
23/11/90 04:00	0	-21.619	0	24	8.0001
23/11/90 05:00	0	-21.619	0	24	6.9999
23/11/90 06:00	0	-21.619	6.0001	24	6.9999
23/11/90 07:00	2403.5	2333.8	135	24	6.9999
23/11/90 08:00	7030.3	6849.6	332.01	24	6.9999
23/11/90 09:00	9465.1	9197	433.01	24	6.9999
23/11/90 10:00	8739	8499.5	398.01	24	6.9999
23/11/90 11:00	11829	11454	543.99	24	6.9999
23/11/90 12:00	15418	14840	709	24	6.9999
23/11/90 13:00	13378	12922	614.99	25	6.9999
23/11/90 14:00	5067.9	4944.6	237	24	6.9999
23/11/90 15:00	2205	2138.3	106	24	8.0001
23/11/90 16:00	1385.9	1333	67.001	24	8.0001
23/11/90 17:00	356.53	319	19	25	8.0001
23/11/90 18:00	0	-21.619	0	25	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
23/11/90 19:00	0	-21.619	0	25	8.0001
23/11/90 20:00	0	-21.619	0	25	8.0001
23/11/90 21:00	0	-21.619	0	25	8.0001
23/11/90 22:00	0	-21.619	0	25	8.0001
23/11/90 23:00	0	-21.619	0	25	8.0001
24/11/90 00:00	0	-21.619	0	25	6.9999
24/11/90 01:00	0	-21.619	0	25	6.9999
24/11/90 02:00	0	-21.619	0	25	6.0002
24/11/90 03:00	0	-21.619	0	25	6.0002
24/11/90 04:00	0	-21.619	0	25	6.9999
24/11/90 05:00	0	-21.619	0	25	6.9999
24/11/90 06:00	0	-21.619	5.0001	25	6.9999
24/11/90 07:00	2354.7	2285.9	133	25	6.9999
24/11/90 08:00	7024.7	6844.1	333.01	25	6.9999
24/11/90 09:00	9720.8	9442	446.01	25	6.9999
24/11/90 10:00	9946.6	9658.5	454.01	25	6.9999
24/11/90 11:00	15568	14980	717	25	6.9999
24/11/90 12:00	14111	13613	651.99	26	6.9999
24/11/90 13:00	8373	8147	389.01	26	6.9999
24/11/90 14:00	8446.1	8217.3	388.01	25	6.9999
24/11/90 15:00	5430.1	5297.2	253	25	8.0001
24/11/90 16:00	3608.6	3518.3	180	25	8.0001
24/11/90 17:00	435.88	397.35	25	25	8.9997
24/11/90 18:00	0	-21.619	0	25	8.9997
24/11/90 19:00	0	-21.619	0	25	8.9997
24/11/90 20:00	0	-21.619	0	25	8.9997
24/11/90 21:00	0	-21.619	0	26	8.9997
24/11/90 22:00	0	-21.619	0	26	8.0001
24/11/90 23:00	0	-21.619	0	26	8.0001
25/11/90 00:00	0	-21.619	0	26	8.0001
25/11/90 01:00	0	-21.619	0	26	8.0001
25/11/90 02:00	0	-21.619	0	25	8.9997
25/11/90 03:00	0	-21.619	0	25	8.9997
25/11/90 04:00	0	-21.619	0	24	8.9997
25/11/90 05:00	0	-21.619	0	25	8.9997
25/11/90 06:00	0	-21.619	3	24	8.9997
25/11/90 07:00	1631.1	1573.9	83.001	24	10
25/11/90 08:00	2845	2768.3	135	24	10
25/11/90 09:00	3044.9	2965	145	24	10
25/11/90 10:00	5714.6	5574.1	267	25	8.9997
25/11/90 11:00	15737	15138	724	25	8.9997
25/11/90 12:00	16859	16183	777	25	8.9997
25/11/90 13:00	15723	15124	721	25	8.9997
25/11/90 14:00	13103	12661	597.99	25	8.9997
25/11/90 15:00	9111	8856.3	422.01	25	8.0001
25/11/90 16:00	3760.2	3666.9	187	25	8.0001
25/11/90 17:00	375.95	338.22	20	26	8.0001
25/11/90 18:00	0	-21.619	0	26	8.9997
25/11/90 19:00	0	-21.619	0	26	8.9997
25/11/90 20:00	0	-21.619	0	26	8.9997
25/11/90 21:00	0	-21.619	0	26	8.9997
25/11/90 22:00	0	-21.619	0	26	8.9997
25/11/90 23:00	0	-21.619	0	26	8.9997
26/11/90 00:00	0	-21.619	0	27	8.9997
26/11/90 01:00	0	-21.619	0	26	8.9997
26/11/90 02:00	0	-21.619	0	25	8.9997
26/11/90 03:00	0	-21.619	0	25	8.0001
26/11/90 04:00	0	-21.619	0	25	8.0001
26/11/90 05:00	0	-21.619	0	26	6.9999
26/11/90 06:00	0	-21.619	2	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/11/90 07:00	1479.2	1425	76.001	26	8.0001
26/11/90 08:00	3120.6	3039.4	148	26	8.9997
26/11/90 09:00	6604.2	6437.4	306	26	8.9997
26/11/90 10:00	12448	12041	570.99	26	8.9997
26/11/90 11:00	14840	14297	682.99	26	8.9997
26/11/90 12:00	13284	12833	612.99	26	8.9997
26/11/90 13:00	6215.4	6060.4	291	26	8.9997
26/11/90 14:00	11546	11184	532.99	26	8.0001
26/11/90 15:00	5294.1	5164.9	248	26	8.0001
26/11/90 16:00	2556.6	2484.9	126	26	8.0001
26/11/90 17:00	545.59	505.67	30	26	8.9997
26/11/90 18:00	0	-21.619	0	26	8.9997
26/11/90 19:00	0	-21.619	0	26	8.9997
26/11/90 20:00	0	-21.619	0	26	8.9997
26/11/90 21:00	0	-21.619	0	27	8.9997
26/11/90 22:00	0	-21.619	0	27	8.9997
26/11/90 23:00	0	-21.619	0	27	8.9997
27/11/90 00:00	0	-21.619	0	27	8.9997
27/11/90 01:00	0	-21.619	0	27	8.9997
27/11/90 02:00	0	-21.619	0	27	8.9997
27/11/90 03:00	0	-21.619	0	27	8.9997
27/11/90 04:00	0	-21.619	0	27	8.9997
27/11/90 05:00	0	-21.619	0	27	8.0001
27/11/90 06:00	0	-21.619	2	27	6.9999
27/11/90 07:00	1261	1210.5	62.001	27	8.0001
27/11/90 08:00	4243.8	4140.6	201	27	8.0001
27/11/90 09:00	6647.1	6478.9	309	27	8.9997
27/11/90 10:00	11947	11565	550.99	27	8.9997
27/11/90 11:00	11446	11089	529.99	27	8.0001
27/11/90 12:00	10866	10537	506.01	27	6.9999
27/11/90 13:00	13188	12743	608.99	27	6.9999
27/11/90 14:00	9819.6	9537.1	454.01	27	6.0002
27/11/90 15:00	5495.9	5361.3	258	27	6.0002
27/11/90 16:00	2582.1	2510.2	125	27	6.9999
27/11/90 17:00	395.12	357.2	21	27	6.9999
27/11/90 18:00	0	-21.619	0	27	6.0002
27/11/90 19:00	0	-21.619	0	27	6.9999
27/11/90 20:00	0	-21.619	0	26	6.9999
27/11/90 21:00	0	-21.619	0	26	6.0002
27/11/90 22:00	0	-21.619	0	27	5
27/11/90 23:00	0	-21.619	0	27	5
28/11/90 00:00	0	-21.619	0	27	6.0002
28/11/90 01:00	0	-21.619	0	27	6.0002
28/11/90 02:00	0	-21.619	0	27	6.9999
28/11/90 03:00	0	-21.619	0	27	6.9999
28/11/90 04:00	0	-21.619	0	27	6.9999
28/11/90 05:00	0	-21.619	0	26	6.9999
28/11/90 06:00	0	-21.619	2	27	6.0002
28/11/90 07:00	909.09	864.13	45.001	27	6.0002
28/11/90 08:00	1987.1	1924.3	96.001	27	6.9999
28/11/90 09:00	2669.1	2595.8	129	27	6.9999
28/11/90 10:00	3722.2	3630.3	179	27	6.9999
28/11/90 11:00	4568.9	4458.1	219	27	6.0002
28/11/90 12:00	8560.5	8327.8	402.01	27	6.0002
28/11/90 13:00	8928.3	8681.9	418.01	27	6.0002
28/11/90 14:00	9220.2	8962.7	428.01	27	6.0002
28/11/90 15:00	4803.6	4686.9	226	27	6.9999
28/11/90 16:00	1949.6	1887.2	94.001	26	8.0001
28/11/90 17:00	336.23	299	18	26	8.0001
28/11/90 18:00	0	-21.619	0	26	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
28/11/90 19:00	0	-21.619	0	26	8.9997
28/11/90 20:00	0	-21.619	0	26	8.9997
28/11/90 21:00	0	-21.619	0	26	8.9997
28/11/90 22:00	0	-21.619	0	26	8.9997
28/11/90 23:00	0	-21.619	0	27	10
29/11/90 00:00	0	-21.619	0	27	10
29/11/90 01:00	0	-21.619	0	26	10
29/11/90 02:00	0	-21.619	0	26	10
29/11/90 03:00	0	-21.619	0	26	10
29/11/90 04:00	0	-21.619	0	26	10
29/11/90 05:00	0	-21.619	0	26	8.9997
29/11/90 06:00	0	-21.619	4.0001	26	8.9997
29/11/90 07:00	1409	1355.9	77.001	26	10
29/11/90 08:00	6014.9	5865.3	285	26	10
29/11/90 09:00	7747.2	7543.1	358.01	26	10
29/11/90 10:00	13721	13246	627.99	26	10
29/11/90 11:00	14190	13687	649.99	26	10
29/11/90 12:00	15810	15206	726	26	10
29/11/90 13:00	15524	14938	713	26	10
29/11/90 14:00	12918	12486	590.99	26	8.9997
29/11/90 15:00	7714.4	7511.2	358.01	26	8.9997
29/11/90 16:00	3578.5	3488.8	179	26	8.9997
29/11/90 17:00	575.71	535.38	34.001	26	8.9997
29/11/90 18:00	0	-21.619	0	26	8.9997
29/11/90 19:00	0	-21.619	0	26	8.9997
29/11/90 20:00	0	-21.619	0	26	8.9997
29/11/90 21:00	0	-21.619	0	27	8.0001
29/11/90 22:00	0	-21.619	0	27	8.0001
29/11/90 23:00	0	-21.619	0	27	8.9997
30/11/90 00:00	0	-21.619	0	27	8.9997
30/11/90 01:00	0	-21.619	0	26	8.9997
30/11/90 02:00	0	-21.619	0	26	8.9997
30/11/90 03:00	0	-21.619	0	26	8.9997
30/11/90 04:00	0	-21.619	0	26	8.9997
30/11/90 05:00	0	-21.619	0	26	8.0001
30/11/90 06:00	0	-21.619	4.0001	26	8.0001
30/11/90 07:00	2046.6	1983.3	119	26	8.0001
30/11/90 08:00	6855.3	6680	328	26	8.0001
30/11/90 09:00	11180	10835	512.99	26	8.0001
30/11/90 10:00	14505	13982	665.99	26	8.0001
30/11/90 11:00	15934	15321	734	26	8.0001
30/11/90 12:00	15022	14469	690.99	26	8.0001
30/11/90 13:00	13593	13125	622.99	26	8.0001
30/11/90 14:00	12927	12495	591.99	26	8.0001
30/11/90 15:00	9008.3	8757.6	419.01	26	6.9999
30/11/90 16:00	3693.6	3601.7	184	26	6.9999
30/11/90 17:00	396.3	358.32	21	26	6.0002
30/11/90 18:00	0	-21.619	0	26	6.0002
30/11/90 19:00	0	-21.619	0	26	6.0002
30/11/90 20:00	0	-21.619	0	26	6.0002
30/11/90 21:00	0	-21.619	0	26	6.0002
30/11/90 22:00	0	-21.619	0	26	6.9999
30/11/90 23:00	0	-21.619	0	26	6.9999
1/12/1990 0:00	0	-21.619	0	26	8.0001
1/12/1990 1:00	0	-21.619	0	26	8.0001
1/12/1990 2:00	0	-21.619	0	26	8.0001
1/12/1990 3:00	0	-21.619	0	26	8.0001
1/12/1990 4:00	0	-21.619	0	26	6.9999
1/12/1990 5:00	0	-21.619	0	26	6.9999
1/12/1990 6:00	0	-21.619	3	25	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
1/12/1990 7:00	1637.7	1580.8	91.001	26	8.0001
1/12/1990 8:00	4928.8	4808.9	235	26	8.0001
1/12/1990 9:00	2979.4	2900.7	142	26	8.0001
1/12/1990 10:00	13318	12865	612.99	25	8.9997
1/12/1990 11:00	16156	15528	747	25	8.9997
1/12/1990 12:00	16454	15806	765	26	8.0001
1/12/1990 13:00	15132	14571	699.99	26	8.0001
1/12/1990 14:00	11177	10832	514.99	26	8.0001
1/12/1990 15:00	8664.2	8427.2	404.01	25	8.0001
1/12/1990 16:00	3097.6	3016.8	156	25	8.0001
1/12/1990 17:00	452.4	413.65	27	25	8.0001
1/12/1990 18:00	0	-21.619	0	25	8.0001
1/12/1990 19:00	0	-21.619	0	25	8.0001
1/12/1990 20:00	0	-21.619	0	26	8.0001
1/12/1990 21:00	0	-21.619	0	26	8.0001
1/12/1990 22:00	0	-21.619	0	26	8.0001
1/12/1990 23:00	0	-21.619	0	25	8.0001
2/12/1990 0:00	0	-21.619	0	25	8.0001
2/12/1990 1:00	0	-21.619	0	25	8.0001
2/12/1990 2:00	0	-21.619	0	25	8.0001
2/12/1990 3:00	0	-21.619	0	25	8.0001
2/12/1990 4:00	0	-21.619	0	25	8.0001
2/12/1990 5:00	0	-21.619	0	26	8.0001
2/12/1990 6:00	0	-21.619	4.0001	26	8.0001
2/12/1990 7:00	1876.6	1816	110	26	8.0001
2/12/1990 8:00	6601.1	6433.9	317	26	8.0001
2/12/1990 9:00	9544.7	9273	441.01	26	8.9997
2/12/1990 10:00	14338	13825	660.99	26	8.9997
2/12/1990 11:00	16247	15613	753	26	8.9997
2/12/1990 12:00	16541	15887	769	26	8.0001
2/12/1990 13:00	15231	14664	705	26	8.0001
2/12/1990 14:00	12841	12413	591.99	26	8.0001
2/12/1990 15:00	9031.2	8779.3	423.01	26	8.0001
2/12/1990 16:00	4070.2	3969.8	211	26	8.0001
2/12/1990 17:00	508.24	468.81	32	26	6.9999
2/12/1990 18:00	0	-21.619	0	26	8.0001
2/12/1990 19:00	0	-21.619	0	26	8.0001
2/12/1990 20:00	0	-21.619	0	26	8.0001
2/12/1990 21:00	0	-21.619	0	26	8.0001
2/12/1990 22:00	0	-21.619	0	26	8.0001
2/12/1990 23:00	0	-21.619	0	26	8.0001
3/12/1990 0:00	0	-21.619	0	26	8.9997
3/12/1990 1:00	0	-21.619	0	25	8.9997
3/12/1990 2:00	0	-21.619	0	25	8.9997
3/12/1990 3:00	0	-21.619	0	25	8.9997
3/12/1990 4:00	0	-21.619	0	25	10
3/12/1990 5:00	0	-21.619	0	25	8.9997
3/12/1990 6:00	0	-21.619	3	25	8.9997
3/12/1990 7:00	1862.9	1802.3	108	25	8.9997
3/12/1990 8:00	6599.3	6432	317	25	8.9997
3/12/1990 9:00	9860.5	9575.5	454.01	25	8.9997
3/12/1990 10:00	5876.4	5731.2	274	25	8.9997
3/12/1990 11:00	11153	10811	514.99	25	8.9997
3/12/1990 12:00	12186	11793	562.99	25	8.9997
3/12/1990 13:00	9303.6	9042	424.01	25	8.9997
3/12/1990 14:00	11705	11336	538.99	26	8.9997
3/12/1990 15:00	8260	8037.5	386.01	26	8.9997
3/12/1990 16:00	4079.5	3979	210	26	8.9997
3/12/1990 17:00	556.35	516.28	35.001	26	8.9997
3/12/1990 18:00	0	-21.619	0	26	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
3/12/1990 19:00	0	-21.619	0	26	8.9997
3/12/1990 20:00	0	-21.619	0	26	8.9997
3/12/1990 21:00	0	-21.619	0	26	8.9997
3/12/1990 22:00	0	-21.619	0	26	8.9997
3/12/1990 23:00	0	-21.619	0	26	8.9997
4/12/1990 0:00	0	-21.619	0	26	8.9997
4/12/1990 1:00	0	-21.619	0	26	10
4/12/1990 2:00	0	-21.619	0	26	10
4/12/1990 3:00	0	-21.619	0	25	8.9997
4/12/1990 4:00	0	-21.619	0	25	8.9997
4/12/1990 5:00	0	-21.619	0	25	8.9997
4/12/1990 6:00	0	-21.619	2	25	8.9997
4/12/1990 7:00	1782.3	1723.1	104	26	8.9997
4/12/1990 8:00	6593.6	6426.4	318	26	8.9997
4/12/1990 9:00	10285	9981	474.01	26	10
4/12/1990 10:00	14231	13724	654.99	26	10
4/12/1990 11:00	15492	14909	715	26	10
4/12/1990 12:00	15052	14496	694.99	26	10
4/12/1990 13:00	13850	13367	637.99	26	10
4/12/1990 14:00	8197.4	7977.6	379.01	26	10
4/12/1990 15:00	8696.1	8457.9	406.01	26	10
4/12/1990 16:00	3360.6	3275.1	169	26	10
4/12/1990 17:00	395.88	357.9	23	26	10
4/12/1990 18:00	0	-21.619	0	26	10
4/12/1990 19:00	0	-21.619	0	26	10
4/12/1990 20:00	0	-21.619	0	26	10
4/12/1990 21:00	0	-21.619	0	26	10
4/12/1990 22:00	0	-21.619	0	26	11
4/12/1990 23:00	0	-21.619	0	26	11
5/12/1990 0:00	0	-21.619	0	25	12
5/12/1990 1:00	0	-21.619	0	25	12
5/12/1990 2:00	0	-21.619	0	25	11
5/12/1990 3:00	0	-21.619	0	25	12
5/12/1990 4:00	0	-21.619	0	25	11
5/12/1990 5:00	0	-21.619	0	25	11
5/12/1990 6:00	0	-21.619	2	25	10
5/12/1990 7:00	1672.2	1614.4	92.001	25	10
5/12/1990 8:00	6523.7	6358.8	313	25	10
5/12/1990 9:00	10549	10233	485.01	25	10
5/12/1990 10:00	12885	12455	590.99	25	8.9997
5/12/1990 11:00	15324	14751	706	25	8.9997
5/12/1990 12:00	15662	15067	722	25	8.9997
5/12/1990 13:00	14910	14363	685.99	25	8.9997
5/12/1990 14:00	12856	12427	589.99	25	8.9997
5/12/1990 15:00	8216.3	7995.4	383.01	25	8.9997
5/12/1990 16:00	4201.5	4098.4	213	25	8.9997
5/12/1990 17:00	506.37	466.98	28	26	8.9997
5/12/1990 18:00	0	-21.619	0	26	8.9997
5/12/1990 19:00	0	-21.619	0	26	8.9997
5/12/1990 20:00	0	-21.619	0	26	8.9997
5/12/1990 21:00	0	-21.619	0	26	8.9997
5/12/1990 22:00	0	-21.619	0	26	8.9997
5/12/1990 23:00	0	-21.619	0	26	8.9997
6/12/1990 0:00	0	-21.619	0	26	10
6/12/1990 1:00	0	-21.619	0	26	10
6/12/1990 2:00	0	-21.619	0	26	10
6/12/1990 3:00	0	-21.619	0	26	10
6/12/1990 4:00	0	-21.619	0	26	10
6/12/1990 5:00	0	-21.619	0	26	8.9997
6/12/1990 6:00	0	-21.619	3	26	8.9997

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
6/12/1990 7:00	1670.7	1613.1	93.001	26	8.9997
6/12/1990 8:00	3405	3318.8	163	26	8.9997
6/12/1990 9:00	8194.5	7974.7	380.01	26	8.9997
6/12/1990 10:00	14192	13688	653.99	26	8.9997
6/12/1990 11:00	15974	15359	741	26	8.0001
6/12/1990 12:00	15768	15167	731	26	8.0001
6/12/1990 13:00	14762	14224	682.99	26	6.9999
6/12/1990 14:00	12867	12437	593.99	26	6.9999
6/12/1990 15:00	9058.5	8805.5	425.01	26	6.0002
6/12/1990 16:00	4117.6	4016.1	213	26	6.0002
6/12/1990 17:00	540.02	500.17	34.001	26	6.0002
6/12/1990 18:00	0	-21.619	0	26	6.0002
6/12/1990 19:00	0	-21.619	0	26	6.0002
6/12/1990 20:00	0	-21.619	0	26	6.0002
6/12/1990 21:00	0	-21.619	0	26	5
6/12/1990 22:00	0	-21.619	0	26	5
6/12/1990 23:00	0	-21.619	0	26	5
7/12/1990 0:00	0	-21.619	0	26	5
7/12/1990 1:00	0	-21.619	0	25	3.9998
7/12/1990 2:00	0	-21.619	0	25	3.9998
7/12/1990 3:00	0	-21.619	0	25	3.9998
7/12/1990 4:00	0	-21.619	0	25	3.9998
7/12/1990 5:00	0	-21.619	0	26	3.9998
7/12/1990 6:00	0	-21.619	3	26	5
7/12/1990 7:00	1738.3	1679.9	104	26	6.0002
7/12/1990 8:00	6497.7	6333.3	316	26	6.0002
7/12/1990 9:00	10953	10619	508.01	26	6.0002
7/12/1990 10:00	14146	13644	655.99	26	5
7/12/1990 11:00	15959	15345	744	26	5
7/12/1990 12:00	16294	15659	763	27	5
7/12/1990 13:00	15283	14714	713	27	5
7/12/1990 14:00	12815	12388	594.99	27	5
7/12/1990 15:00	8802.7	8560.1	414.01	27	5
7/12/1990 16:00	3602.5	3512.4	183	27	5
7/12/1990 17:00	440.2	401.67	24	26	5
7/12/1990 18:00	0	-21.619	0	26	6.0002
7/12/1990 19:00	0	-21.619	0	26	6.0002
7/12/1990 20:00	0	-21.619	0	26	6.0002
7/12/1990 21:00	0	-21.619	0	26	6.0002
7/12/1990 22:00	0	-21.619	0	26	6.0002
7/12/1990 23:00	0	-21.619	0	26	6.0002
8/12/1990 0:00	0	-21.619	0	26	6.0002
8/12/1990 1:00	0	-21.619	0	26	6.0002
8/12/1990 2:00	0	-21.619	0	26	6.0002
8/12/1990 3:00	0	-21.619	0	26	6.0002
8/12/1990 4:00	0	-21.619	0	26	6.9999
8/12/1990 5:00	0	-21.619	0	26	6.9999
8/12/1990 6:00	0	-21.619	2	26	6.9999
8/12/1990 7:00	1296.4	1245.3	69.001	26	6.9999
8/12/1990 8:00	4863.7	4745.4	234	26	6.9999
8/12/1990 9:00	10140	9843	469.01	26	6.9999
8/12/1990 10:00	13436	12977	620.99	26	6.0002
8/12/1990 11:00	11998	11614	557.99	26	6.0002
8/12/1990 12:00	15487	14905	720	26	6.0002
8/12/1990 13:00	13013	12577	601.99	26	6.0002
8/12/1990 14:00	12129	11738	559.99	26	6.0002
8/12/1990 15:00	6453.8	6291.5	303	26	6.0002
8/12/1990 16:00	2124.9	2059.9	104	26	6.0002
8/12/1990 17:00	508.72	469.3	28	26	5
8/12/1990 18:00	0	-21.619	0	26	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
8/12/1990 19:00	0	-21.619	0	26	5
8/12/1990 20:00	0	-21.619	0	26	5
8/12/1990 21:00	0	-21.619	0	26	5
8/12/1990 22:00	0	-21.619	0	26	5
8/12/1990 23:00	0	-21.619	0	26	6.0002
9/12/1990 0:00	0	-21.619	0	26	5
9/12/1990 1:00	0	-21.619	0	26	5
9/12/1990 2:00	0	-21.619	0	26	5
9/12/1990 3:00	0	-21.619	0	26	5
9/12/1990 4:00	0	-21.619	0	26	6.0002
9/12/1990 5:00	0	-21.619	0	26	6.0002
9/12/1990 6:00	0	-21.619	3	26	6.0002
9/12/1990 7:00	1653.4	1596.4	101	26	6.0002
9/12/1990 8:00	6353	6192.9	310	26	6.0002
9/12/1990 9:00	10700	10378	496.01	26	6.0002
9/12/1990 10:00	13715	13239	633.99	26	6.0002
9/12/1990 11:00	13837	13355	643.99	27	6.0002
9/12/1990 12:00	16151	15525	754	27	6.0002
9/12/1990 13:00	15137	14577	706	27	5
9/12/1990 14:00	12758	12334	591.99	27	5
9/12/1990 15:00	8125.8	7908.1	382.01	27	5
9/12/1990 16:00	4235.2	4131.5	216	27	5
9/12/1990 17:00	591.58	551.04	36.001	26	5
9/12/1990 18:00	0	-21.619	0	26	6.0002
9/12/1990 19:00	0	-21.619	0	26	6.0002
9/12/1990 20:00	0	-21.619	0	26	6.0002
9/12/1990 21:00	0	-21.619	0	26	6.0002
9/12/1990 22:00	0	-21.619	0	26	6.0002
9/12/1990 23:00	0	-21.619	0	26	6.0002
10/12/1990 0:00	0	-21.619	0	26	6.9999
10/12/1990 1:00	0	-21.619	0	26	6.9999
10/12/1990 2:00	0	-21.619	0	26	6.9999
10/12/1990 3:00	0	-21.619	0	26	8.0001
10/12/1990 4:00	0	-21.619	0	26	8.0001
10/12/1990 5:00	0	-21.619	0	26	6.9999
10/12/1990 6:00	0	-21.619	2	26	6.9999
10/12/1990 7:00	1427.4	1374	80.001	26	6.9999
10/12/1990 8:00	4341.1	4235.5	209	26	6.9999
10/12/1990 9:00	10410	10101	482.01	26	6.9999
10/12/1990 10:00	13651	13179	629.99	26	6.9999
10/12/1990 11:00	15758	15159	734	27	6.9999
10/12/1990 12:00	15837	15231	735	26	6.9999
10/12/1990 13:00	14678	14145	678.99	26	6.9999
10/12/1990 14:00	12200	11805	561.99	26	6.9999
10/12/1990 15:00	8601.6	8366.6	402.01	26	8.0001
10/12/1990 16:00	4021.3	3922	207	26	8.0001
10/12/1990 17:00	568.83	528.59	36.001	26	8.0001
10/12/1990 18:00	0	-21.619	0	26	8.0001
10/12/1990 19:00	0	-21.619	0	26	8.0001
10/12/1990 20:00	0	-21.619	0	26	8.0001
10/12/1990 21:00	0	-21.619	0	26	8.0001
10/12/1990 22:00	0	-21.619	0	26	6.9999
10/12/1990 23:00	0	-21.619	0	27	6.9999
11/12/1990 0:00	0	-21.619	0	27	8.0001
11/12/1990 1:00	0	-21.619	0	27	8.9997
11/12/1990 2:00	0	-21.619	0	27	8.9997
11/12/1990 3:00	0	-21.619	0	27	8.9997
11/12/1990 4:00	0	-21.619	0	27	8.9997
11/12/1990 5:00	0	-21.619	0	27	8.0001
11/12/1990 6:00	0	-21.619	2	27	8.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
11/12/1990 7:00	1315.2	1263.9	73.001	27	8.0001
11/12/1990 8:00	6132.7	5979.3	299	27	8.0001
11/12/1990 9:00	10644	10325	494.01	27	8.0001
11/12/1990 10:00	13915	13428	643.99	27	8.0001
11/12/1990 11:00	15811	15207	735	27	8.0001
11/12/1990 12:00	16263	15628	756	26	6.9999
11/12/1990 13:00	15233	14666	708	27	6.9999
11/12/1990 14:00	12831	12404	593.99	27	6.9999
11/12/1990 15:00	9046.5	8793.9	425.01	27	6.9999
11/12/1990 16:00	4319.5	4213.6	223	27	6.9999
11/12/1990 17:00	576.47	536.2	34.001	27	6.0002
11/12/1990 18:00	0	-21.619	0	27	6.9999
11/12/1990 19:00	0	-21.619	0	27	8.0001
11/12/1990 20:00	0	-21.619	0	27	8.0001
11/12/1990 21:00	0	-21.619	0	27	8.0001
11/12/1990 22:00	0	-21.619	0	27	8.0001
11/12/1990 23:00	0	-21.619	0	27	6.9999
12/12/1990 0:00	0	-21.619	0	27	8.0001
12/12/1990 1:00	0	-21.619	0	27	10
12/12/1990 2:00	0	-21.619	0	27	11
12/12/1990 3:00	0	-21.619	0	26	10
12/12/1990 4:00	0	-21.619	0	26	10
12/12/1990 5:00	0	-21.619	0	26	10
12/12/1990 6:00	0	-21.619	1	26	10
12/12/1990 7:00	1330	1278.3	74.001	26	10
12/12/1990 8:00	5381.6	5249.7	260	26	11
12/12/1990 9:00	9288.6	9027.2	429.01	26	11
12/12/1990 10:00	13506	13042	619.99	26	11
12/12/1990 11:00	14888	14342	685.99	26	10
12/12/1990 12:00	15975	15359	738	26	10
12/12/1990 13:00	13983	13492	643.99	26	10
12/12/1990 14:00	9589.6	9316.5	443.01	26	10
12/12/1990 15:00	7442.6	7248.6	349.01	27	8.9997
12/12/1990 16:00	3796.8	3702.6	192	27	10
12/12/1990 17:00	382.1	344.29	21	26	10
12/12/1990 18:00	0	-21.619	0	26	8.9997
12/12/1990 19:00	0	-21.619	0	27	8.9997
12/12/1990 20:00	0	-21.619	0	27	8.9997
12/12/1990 21:00	0	-21.619	0	27	8.9997
12/12/1990 22:00	0	-21.619	0	27	8.9997
12/12/1990 23:00	0	-21.619	0	27	10
13/12/90 00:00	0	-21.619	0	26	10
13/12/90 01:00	0	-21.619	0	26	10
13/12/90 02:00	0	-21.619	0	26	10
13/12/90 03:00	0	-21.619	0	26	10
13/12/90 04:00	0	-21.619	0	26	10
13/12/90 05:00	0	-21.619	0	26	8.9997
13/12/90 06:00	0	-21.619	0	26	8.9997
13/12/90 07:00	1231.7	1181.6	73.001	26	8.9997
13/12/90 08:00	5674.4	5534.2	276	26	8.9997
13/12/90 09:00	10533	10218	487.01	26	8.9997
13/12/90 10:00	13824	13341	636.99	26	8.9997
13/12/90 11:00	15794	15191	732	26	8.0001
13/12/90 12:00	15878	15270	738	27	8.0001
13/12/90 13:00	15190	14626	705	27	8.0001
13/12/90 14:00	12830	12403	593.99	27	6.9999
13/12/90 15:00	9069.9	8816.4	426.01	27	6.9999
13/12/90 16:00	4316	4210	224	27	6.9999
13/12/90 17:00	649.32	608.05	41.001	27	6.9999
13/12/90 18:00	0	-21.619	0	27	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
13/12/90 19:00	0	-21.619	0	27	6.9999
13/12/90 20:00	0	-21.619	0	27	6.9999
13/12/90 21:00	0	-21.619	0	27	6.9999
13/12/90 22:00	0	-21.619	0	27	6.0002
13/12/90 23:00	0	-21.619	0	27	6.0002
14/12/90 00:00	0	-21.619	0	27	6.0002
14/12/90 01:00	0	-21.619	0	27	6.9999
14/12/90 02:00	0	-21.619	0	27	6.9999
14/12/90 03:00	0	-21.619	0	27	6.9999
14/12/90 04:00	0	-21.619	0	27	8.0001
14/12/90 05:00	0	-21.619	0	27	8.0001
14/12/90 06:00	0	-21.619	1	27	8.0001
14/12/90 07:00	582.32	541.97	31	27	8.0001
14/12/90 08:00	5700.8	5560	277	27	8.9997
14/12/90 09:00	10603	10285	492.01	27	8.9997
14/12/90 10:00	13823	13341	638.99	27	8.9997
14/12/90 11:00	15011	14457	694.99	27	8.9997
14/12/90 12:00	16234	15601	754	27	8.9997
14/12/90 13:00	15126	14566	701	27	8.9997
14/12/90 14:00	12845	12417	593.99	27	8.0001
14/12/90 15:00	9104.3	8849.4	427.01	27	8.0001
14/12/90 16:00	4171.4	4068.8	214	27	8.0001
14/12/90 17:00	653.66	612.25	41.001	26	8.0001
14/12/90 18:00	0	-21.619	0	26	8.0001
14/12/90 19:00	0	-21.619	0	26	8.0001
14/12/90 20:00	0	-21.619	0	26	8.9997
14/12/90 21:00	0	-21.619	0	27	8.9997
14/12/90 22:00	0	-21.619	0	27	8.0001
14/12/90 23:00	0	-21.619	0	27	8.0001
15/12/90 00:00	0	-21.619	0	27	8.0001
15/12/90 01:00	0	-21.619	0	27	8.9997
15/12/90 02:00	0	-21.619	0	27	10
15/12/90 03:00	0	-21.619	0	26	10
15/12/90 04:00	0	-21.619	0	26	10
15/12/90 05:00	0	-21.619	0	26	8.9997
15/12/90 06:00	0	-21.619	2	26	8.9997
15/12/90 07:00	990.23	943.93	53.001	26	8.0001
15/12/90 08:00	5661.1	5521.4	275	26	8.9997
15/12/90 09:00	10440	10130	483.01	26	8.9997
15/12/90 10:00	12503	12093	574.99	26	8.9997
15/12/90 11:00	15478	14895	715	26	8.9997
15/12/90 12:00	15481	14899	716	26	8.9997
15/12/90 13:00	12982	12547	598.99	26	8.9997
15/12/90 14:00	10576	10260	487.01	26	8.9997
15/12/90 15:00	8206.9	7986.4	383.01	26	8.9997
15/12/90 16:00	2579.5	2507.4	127	26	10
15/12/90 17:00	482.15	443.07	26	26	8.9997
15/12/90 18:00	0	-21.619	0	27	10
15/12/90 19:00	0	-21.619	0	27	8.9997
15/12/90 20:00	0	-21.619	0	27	10
15/12/90 21:00	0	-21.619	0	27	10
15/12/90 22:00	0	-21.619	0	27	10
15/12/90 23:00	0	-21.619	0	27	11
16/12/90 00:00	0	-21.619	0	26	12
16/12/90 01:00	0	-21.619	0	27	11
16/12/90 02:00	0	-21.619	0	27	11
16/12/90 03:00	0	-21.619	0	26	11
16/12/90 04:00	0	-21.619	0	26	12
16/12/90 05:00	0	-21.619	0	26	11
16/12/90 06:00	0	-21.619	1	26	10

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
16/12/90 07:00	1254.4	1203.9	72.001	26	11
16/12/90 08:00	5412.3	5279.4	263	26	11
16/12/90 09:00	9453.1	9184.8	437.01	26	11
16/12/90 10:00	11383	11029	522.99	26	11
16/12/90 11:00	14674	14141	675.99	26	11
16/12/90 12:00	14277	13769	658.99	26	11
16/12/90 13:00	12199	11805	563.99	26	11
16/12/90 14:00	11875	11496	545.99	26	11
16/12/90 15:00	8451.6	8222.2	394.01	26	11
16/12/90 16:00	3593.7	3503.8	178	26	11
16/12/90 17:00	315.42	278.43	17	26	11
16/12/90 18:00	0	-21.619	0	26	11
16/12/90 19:00	0	-21.619	0	26	11
16/12/90 20:00	0	-21.619	0	26	11
16/12/90 21:00	0	-21.619	0	26	11
16/12/90 22:00	0	-21.619	0	26	11
16/12/90 23:00	0	-21.619	0	26	11
17/12/90 00:00	0	-21.619	0	26	11
17/12/90 01:00	0	-21.619	0	26	11
17/12/90 02:00	0	-21.619	0	26	11
17/12/90 03:00	0	-21.619	0	25	10
17/12/90 04:00	0	-21.619	0	25	10
17/12/90 05:00	0	-21.619	0	25	10
17/12/90 06:00	0	-21.619	0	25	8.9997
17/12/90 07:00	848.79	804.52	44.001	25	8.9997
17/12/90 08:00	4584.2	4472.8	221	26	10
17/12/90 09:00	7431.1	7237.6	346.01	26	10
17/12/90 10:00	10452	10141	481.01	26	8.9997
17/12/90 11:00	13124	12681	603.99	26	8.9997
17/12/90 12:00	16151	15524	749	26	8.0001
17/12/90 13:00	15233	14666	707	27	8.0001
17/12/90 14:00	12893	12462	596.99	27	6.9999
17/12/90 15:00	9183.1	8925	431.01	27	6.9999
17/12/90 16:00	4489.5	4379.8	230	27	6.0002
17/12/90 17:00	621.81	580.86	36.001	26	6.0002
17/12/90 18:00	0	-21.619	0	26	6.9999
17/12/90 19:00	0	-21.619	0	26	6.9999
17/12/90 20:00	0	-21.619	0	26	6.9999
17/12/90 21:00	0	-21.619	0	26	6.0002
17/12/90 22:00	0	-21.619	0	26	6.0002
17/12/90 23:00	0	-21.619	0	26	6.0002
18/12/90 00:00	0	-21.619	0	26	6.0002
18/12/90 01:00	0	-21.619	0	26	6.0002
18/12/90 02:00	0	-21.619	0	26	6.9999
18/12/90 03:00	0	-21.619	0	26	6.9999
18/12/90 04:00	0	-21.619	0	26	6.9999
18/12/90 05:00	0	-21.619	0	26	6.9999
18/12/90 06:00	0	-21.619	0	26	6.9999
18/12/90 07:00	1201.7	1151.9	75.001	25	6.9999
18/12/90 08:00	5883.6	5737.2	289	25	6.9999
18/12/90 09:00	10412	10102	483.01	26	6.9999
18/12/90 10:00	13590	13121	627.99	26	6.0002
18/12/90 11:00	14335	13823	663.99	26	6.0002
18/12/90 12:00	16175	15547	755	26	5
18/12/90 13:00	15289	14719	711	26	5
18/12/90 14:00	12759	12336	589.99	26	5
18/12/90 15:00	9232	8972	433.01	26	3.9998
18/12/90 16:00	4285.9	4181.1	216	26	3.0001
18/12/90 17:00	423.58	385.26	23	26	3.0001
18/12/90 18:00	0	-21.619	0	26	3.0001

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
18/12/90 19:00	0	-21.619	0	26	3.9998
18/12/90 20:00	0	-21.619	0	25	5
18/12/90 21:00	0	-21.619	0	25	5
18/12/90 22:00	0	-21.619	0	25	5
18/12/90 23:00	0	-21.619	0	25	3.9998
19/12/90 00:00	0	-21.619	0	25	3.9998
19/12/90 01:00	0	-21.619	0	25	5
19/12/90 02:00	0	-21.619	0	25	5
19/12/90 03:00	0	-21.619	0	25	5
19/12/90 04:00	0	-21.619	0	25	5
19/12/90 05:00	0	-21.619	0	26	5
19/12/90 06:00	0	-21.619	2	26	5
19/12/90 07:00	1439.4	1385.8	88.001	26	6.0002
19/12/90 08:00	5607.7	5469.2	276	26	6.0002
19/12/90 09:00	10356	10048	481.01	26	6.0002
19/12/90 10:00	13555	13088	626.99	26	6.0002
19/12/90 11:00	15517	14932	721	26	6.0002
19/12/90 12:00	16018	15401	747	26	5
19/12/90 13:00	15254	14686	709	26	5
19/12/90 14:00	10705	10383	495.01	26	5
19/12/90 15:00	5254	5125.8	247	25	5
19/12/90 16:00	1868.1	1807.1	93.001	25	5
19/12/90 17:00	711.76	669.55	41.001	26	5
19/12/90 18:00	0	-21.619	0	26	5
19/12/90 19:00	0	-21.619	0	26	6.0002
19/12/90 20:00	0	-21.619	0	26	6.0002
19/12/90 21:00	0	-21.619	0	26	6.0002
19/12/90 22:00	0	-21.619	0	26	5
19/12/90 23:00	0	-21.619	0	25	3.9998
20/12/90 00:00	0	-21.619	0	26	5
20/12/90 01:00	0	-21.619	0	26	5
20/12/90 02:00	0	-21.619	0	25	5
20/12/90 03:00	0	-21.619	0	25	5
20/12/90 04:00	0	-21.619	0	24	6.0002
20/12/90 05:00	0	-21.619	0	25	6.9999
20/12/90 06:00	0	-21.619	1	25	6.9999
20/12/90 07:00	1190.3	1140.9	72.001	26	6.9999
20/12/90 08:00	5010.8	4888.6	245	26	6.9999
20/12/90 09:00	7735.4	7531.6	360.01	26	6.9999
20/12/90 10:00	9455	9187.8	440.01	26	6.9999
20/12/90 11:00	9324.2	9062.6	435.01	26	6.9999
20/12/90 12:00	11428	11072	530.99	26	6.9999
20/12/90 13:00	14867	14322	686.99	26	8.0001
20/12/90 14:00	12266	11868	565.99	26	8.0001
20/12/90 15:00	5975.7	5827.6	280	26	8.9997
20/12/90 16:00	3532	3443.4	175	26	8.9997
20/12/90 17:00	549.87	509.89	31	26	10
20/12/90 18:00	0	-21.619	0	26	8.9997
20/12/90 19:00	0	-21.619	0	26	8.9997
20/12/90 20:00	0	-21.619	0	26	8.9997
20/12/90 21:00	0	-21.619	0	26	10
20/12/90 22:00	0	-21.619	0	26	10
20/12/90 23:00	0	-21.619	0	26	10
21/12/90 00:00	0	-21.619	0	26	11
21/12/90 01:00	0	-21.619	0	25	11
21/12/90 02:00	0	-21.619	0	25	11
21/12/90 03:00	0	-21.619	0	25	11
21/12/90 04:00	0	-21.619	0	25	10
21/12/90 05:00	0	-21.619	0	25	10
21/12/90 06:00	0	-21.619	1	25	11

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
21/12/90 07:00	1228	1177.8	70.001	25	11
21/12/90 08:00	5115	4990.2	248	25	11
21/12/90 09:00	8323.5	8099	385.01	25	11
21/12/90 10:00	10537	10223	485.01	25	11
21/12/90 11:00	13740	13264	631.99	25	11
21/12/90 12:00	8544	8311.8	397.01	25	11
21/12/90 13:00	8468	8238.7	395.01	25	11
21/12/90 14:00	11791	11417	540.99	25	11
21/12/90 15:00	9278.1	9016.6	431.01	25	11
21/12/90 16:00	3334.3	3249.3	164	25	10
21/12/90 17:00	732.39	689.8	42.001	25	10
21/12/90 18:00	0	-21.619	0	25	11
21/12/90 19:00	0	-21.619	0	26	11
21/12/90 20:00	0	-21.619	0	26	12
21/12/90 21:00	0	-21.619	0	26	12
21/12/90 22:00	0	-21.619	0	26	12
21/12/90 23:00	0	-21.619	0	25	12
22/12/90 00:00	0	-21.619	0	25	12
22/12/90 01:00	0	-21.619	0	25	12
22/12/90 02:00	0	-21.619	0	25	12
22/12/90 03:00	0	-21.619	0	25	12
22/12/90 04:00	0	-21.619	0	25	12
22/12/90 05:00	0	-21.619	0	25	12
22/12/90 06:00	0	-21.619	0	25	12
22/12/90 07:00	765.54	722.49	39.001	25	12
22/12/90 08:00	4490.7	4381.6	216	25	12
22/12/90 09:00	5427.2	5294.5	254	25	12
22/12/90 10:00	6879.1	6703.7	321	25	12
22/12/90 11:00	5736.1	5595	270	25	12
22/12/90 12:00	9533.9	9263.7	442.01	25	12
22/12/90 13:00	7768.5	7563.7	363.01	25	12
22/12/90 14:00	6885.6	6710	321	25	12
22/12/90 15:00	6086.1	5934.8	284	25	11
22/12/90 16:00	3309.6	3225.1	161	25	11
22/12/90 17:00	459.5	420.66	24	25	11
22/12/90 18:00	0	-21.619	0	26	11
22/12/90 19:00	0	-21.619	0	26	11
22/12/90 20:00	0	-21.619	0	26	11
22/12/90 21:00	0	-21.619	0	26	11
22/12/90 22:00	0	-21.619	0	26	11
22/12/90 23:00	0	-21.619	0	26	11
23/12/90 00:00	0	-21.619	0	26	11
23/12/90 01:00	0	-21.619	0	25	11
23/12/90 02:00	0	-21.619	0	25	11
23/12/90 03:00	0	-21.619	0	25	11
23/12/90 04:00	0	-21.619	0	25	11
23/12/90 05:00	0	-21.619	0	26	11
23/12/90 06:00	0	-21.619	0	26	11
23/12/90 07:00	978.57	932.44	54.001	26	11
23/12/90 08:00	5372.9	5241.1	262	26	10
23/12/90 09:00	7531.3	7334.3	350.01	26	10
23/12/90 10:00	10324	10020	477.01	26	10
23/12/90 11:00	14597	14069	673.99	26	8.9997
23/12/90 12:00	15632	15040	724	26	8.9997
23/12/90 13:00	9259.8	9000.7	431.01	26	8.9997
23/12/90 14:00	6498.1	6334.6	305	26	8.0001
23/12/90 15:00	7147.2	6962.9	334.01	26	8.0001
23/12/90 16:00	4686	4571.8	236	26	8.0001
23/12/90 17:00	664.64	623.16	38.001	27	8.0001
23/12/90 18:00	0	-21.619	0	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
23/12/90 19:00	0	-21.619	0	26	6.9999
23/12/90 20:00	0	-21.619	0	26	6.9999
23/12/90 21:00	0	-21.619	0	26	8.0001
23/12/90 22:00	0	-21.619	0	26	8.0001
23/12/90 23:00	0	-21.619	0	25	8.0001
24/12/90 00:00	0	-21.619	0	25	6.9999
24/12/90 01:00	0	-21.619	0	25	6.9999
24/12/90 02:00	0	-21.619	0	25	6.9999
24/12/90 03:00	0	-21.619	0	25	6.9999
24/12/90 04:00	0	-21.619	0	25	6.0002
24/12/90 05:00	0	-21.619	0	25	6.0002
24/12/90 06:00	0	-21.619	1	25	6.0002
24/12/90 07:00	1232.6	1182.4	69.001	25	6.0002
24/12/90 08:00	3837.4	3742.5	187	25	6.0002
24/12/90 09:00	9383.3	9117.8	435.01	25	6.0002
24/12/90 10:00	12971	12536	597.99	26	6.9999
24/12/90 11:00	15664	15070	727	26	6.9999
24/12/90 12:00	16266	15632	757	26	6.0002
24/12/90 13:00	13851	13368	641.99	26	5
24/12/90 14:00	11842	11465	547.99	26	5
24/12/90 15:00	8851.4	8607.2	414.01	26	5
24/12/90 16:00	3656.7	3565.5	182	26	5
24/12/90 17:00	712.47	670.25	43.001	26	3.9998
24/12/90 18:00	0	-21.619	0	26	5
24/12/90 19:00	0	-21.619	0	26	5
24/12/90 20:00	0	-21.619	0	26	5
24/12/90 21:00	0	-21.619	0	25	5
24/12/90 22:00	0	-21.619	0	26	3.9998
24/12/90 23:00	0	-21.619	0	25	3.9998
25/12/90 00:00	0	-21.619	0	25	3.9998
25/12/90 01:00	0	-21.619	0	25	3.0001
25/12/90 02:00	0	-21.619	0	24	3.0001
25/12/90 03:00	0	-21.619	0	24	3.0001
25/12/90 04:00	0	-21.619	0	24	1.9999
25/12/90 05:00	0	-21.619	0	25	3.0001
25/12/90 06:00	0	-21.619	0	25	3.0001
25/12/90 07:00	389.78	351.88	21	26	3.0001
25/12/90 08:00	4034.5	3935.7	196	26	3.0001
25/12/90 09:00	9319	9056.3	433.01	25	3.9998
25/12/90 10:00	12370	11967	571.99	25	3.9998
25/12/90 11:00	7816.2	7609.8	365.01	25	3.9998
25/12/90 12:00	6522.8	6358.5	309	26	3.9998
25/12/90 13:00	7296.1	7107.2	341.01	26	3.9998
25/12/90 14:00	9986.2	9696.4	462.01	25	5
25/12/90 15:00	8415	8187	392.01	25	5
25/12/90 16:00	4138	4036.8	205	26	5
25/12/90 17:00	570.09	529.85	32	26	3.0001
25/12/90 18:00	0	-21.619	0	26	1.9999
25/12/90 19:00	0	-21.619	0	25	1.9999
25/12/90 20:00	0	-21.619	0	25	3.0001
25/12/90 21:00	0	-21.619	0	25	3.9998
25/12/90 22:00	0	-21.619	0	26	3.9998
25/12/90 23:00	0	-21.619	0	26	3.9998
26/12/90 00:00	0	-21.619	0	26	3.9998
26/12/90 01:00	0	-21.619	0	25	3.9998
26/12/90 02:00	0	-21.619	0	25	5
26/12/90 03:00	0	-21.619	0	25	3.9998
26/12/90 04:00	0	-21.619	0	24	3.0001
26/12/90 05:00	0	-21.619	0	25	5
26/12/90 06:00	0	-21.619	1	25	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
26/12/90 07:00	741.89	699.19	38.001	25	5
26/12/90 08:00	3482.8	3395.3	167	25	6.0002
26/12/90 09:00	7102.5	6919.8	331.01	25	6.0002
26/12/90 10:00	11416	11061	525.99	25	6.0002
26/12/90 11:00	14412	13895	666.99	25	5
26/12/90 12:00	14130	13630	654.99	25	5
26/12/90 13:00	14574	14047	672.99	25	6.0002
26/12/90 14:00	12384	11980	571.99	26	6.0002
26/12/90 15:00	5427.1	5294.4	255	26	6.0002
26/12/90 16:00	4808.5	4691.4	239	26	6.9999
26/12/90 17:00	595.16	554.57	32	26	8.0001
26/12/90 18:00	0	-21.619	0	26	8.0001
26/12/90 19:00	0	-21.619	0	25	8.9997
26/12/90 20:00	0	-21.619	0	25	10
26/12/90 21:00	0	-21.619	0	25	11
26/12/90 22:00	0	-21.619	0	25	11
26/12/90 23:00	0	-21.619	0	25	12
27/12/90 00:00	0	-21.619	0	25	12
27/12/90 01:00	0	-21.619	0	24	12
27/12/90 02:00	0	-21.619	0	24	11
27/12/90 03:00	0	-21.619	0	24	11
27/12/90 04:00	0	-21.619	0	24	11
27/12/90 05:00	0	-21.619	0	24	11
27/12/90 06:00	0	-21.619	1	24	11
27/12/90 07:00	1203.9	1153.9	70.001	24	11
27/12/90 08:00	5020.3	4897.9	244	24	11
27/12/90 09:00	7795.1	7589.3	360.01	24	11
27/12/90 10:00	6404.6	6243.9	297	24	10
27/12/90 11:00	12581	12168	578.99	24	10
27/12/90 12:00	15448	14868	711	24	10
27/12/90 13:00	11711	11341	538.99	24	8.9997
27/12/90 14:00	11050	10711	506.01	24	8.9997
27/12/90 15:00	8856.8	8612.6	410.01	24	8.9997
27/12/90 16:00	3671.4	3579.8	182	24	10
27/12/90 17:00	674.61	632.78	38.001	24	10
27/12/90 18:00	0	-21.619	0	24	10
27/12/90 19:00	0	-21.619	0	24	10
27/12/90 20:00	0	-21.619	0	24	8.9997
27/12/90 21:00	0	-21.619	0	24	8.9997
27/12/90 22:00	0	-21.619	0	24	8.9997
27/12/90 23:00	0	-21.619	0	24	8.9997
28/12/90 00:00	0	-21.619	0	24	8.9997
28/12/90 01:00	0	-21.619	0	24	10
28/12/90 02:00	0	-21.619	0	24	10
28/12/90 03:00	0	-21.619	0	24	10
28/12/90 04:00	0	-21.619	0	24	8.9997
28/12/90 05:00	0	-21.619	0	24	8.9997
28/12/90 06:00	0	-21.619	0	24	8.0001
28/12/90 07:00	609.06	568.16	31	24	8.0001
28/12/90 08:00	1799.7	1739.7	87.001	25	8.0001
28/12/90 09:00	3886.2	3791.1	184	25	8.0001
28/12/90 10:00	4318.5	4213.6	206	25	8.0001
28/12/90 11:00	5741.2	5600	273	25	6.9999
28/12/90 12:00	6187.9	6033.8	294	25	6.9999
28/12/90 13:00	6152.9	5999.8	290	25	6.9999
28/12/90 14:00	8310.8	8087	386.01	25	6.9999
28/12/90 15:00	7602.6	7403.3	355.01	26	6.9999
28/12/90 16:00	3305	3220.7	161	26	6.0002
28/12/90 17:00	717.62	675.33	41.001	26	6.0002
28/12/90 18:00	0	-21.619	0	26	6.9999

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
28/12/90 19:00	0	-21.619	0	26	6.0002
28/12/90 20:00	0	-21.619	0	26	6.0002
28/12/90 21:00	0	-21.619	0	26	6.0002
28/12/90 22:00	0	-21.619	0	26	6.0002
28/12/90 23:00	0	-21.619	0	26	6.0002
29/12/90 00:00	0	-21.619	0	26	6.9999
29/12/90 01:00	0	-21.619	0	26	6.9999
29/12/90 02:00	0	-21.619	0	26	6.9999
29/12/90 03:00	0	-21.619	0	26	6.9999
29/12/90 04:00	0	-21.619	0	26	6.9999
29/12/90 05:00	0	-21.619	0	25	6.0002
29/12/90 06:00	0	-21.619	0	25	5
29/12/90 07:00	214.87	179.07	12	26	5
29/12/90 08:00	916.3	871.14	46.001	26	5
29/12/90 09:00	2421.3	2351.7	117	26	5
29/12/90 10:00	11085	10745	514.99	26	5
29/12/90 11:00	9500	9231.2	444.01	26	5
29/12/90 12:00	4301.2	4196.7	207	26	5
29/12/90 13:00	5141.4	5016.3	246	26	5
29/12/90 14:00	3118.6	3037.6	151	26	5
29/12/90 15:00	3797.5	3704.2	181	26	3.9998
29/12/90 16:00	2906	2828.6	141	26	3.9998
29/12/90 17:00	358.16	320.66	19	26	5
29/12/90 18:00	0	-21.619	0	27	5
29/12/90 19:00	0	-21.619	0	27	5
29/12/90 20:00	0	-21.619	0	27	5
29/12/90 21:00	0	-21.619	0	27	3.9998
29/12/90 22:00	0	-21.619	0	27	3.9998
29/12/90 23:00	0	-21.619	0	26	5
30/12/90 00:00	0	-21.619	0	26	5
30/12/90 01:00	0	-21.619	0	26	5
30/12/90 02:00	0	-21.619	0	26	3.9998
30/12/90 03:00	0	-21.619	0	26	3.9998
30/12/90 04:00	0	-21.619	0	26	3.9998
30/12/90 05:00	0	-21.619	0	25	6.0002
30/12/90 06:00	0	-21.619	1	25	6.0002
30/12/90 07:00	1123.7	1075.1	75.001	25	6.0002
30/12/90 08:00	5496.6	5361.2	273	26	6.0002
30/12/90 09:00	9114.2	8859.7	424.01	26	6.0002
30/12/90 10:00	9468.3	9200.3	439.01	26	6.0002
30/12/90 11:00	3907.2	3811.6	187	26	5
30/12/90 12:00	6485.1	6322	303	25	5
30/12/90 13:00	6603.9	6437	308	25	6.0002
30/12/90 14:00	11142	10800	512.99	25	6.9999
30/12/90 15:00	8104.5	7887.8	377.01	25	6.9999
30/12/90 16:00	3594.3	3504.7	175	26	6.9999
30/12/90 17:00	908.67	863.59	52.001	26	6.9999
30/12/90 18:00	0	-21.619	0	26	6.9999
30/12/90 19:00	0	-21.619	0	26	6.9999
30/12/90 20:00	0	-21.619	0	26	6.9999
30/12/90 21:00	0	-21.619	0	26	6.9999
30/12/90 22:00	0	-21.619	0	26	6.9999
30/12/90 23:00	0	-21.619	0	26	6.9999
31/12/90 00:00	0	-21.619	0	26	6.0002
31/12/90 01:00	0	-21.619	0	25	6.0002
31/12/90 02:00	0	-21.619	0	25	6.0002
31/12/90 03:00	0	-21.619	0	25	6.0002
31/12/90 04:00	0	-21.619	0	25	5
31/12/90 05:00	0	-21.619	0	26	5
31/12/90 06:00	0	-21.619	1	26	5

Date	EArray	E_Grid	GlobHor	T_Amb	WindVel
	kW	kW	W/m²	°C	m/s
31/12/90 07:00	1123.9	1075.4	71.001	26	5
31/12/90 08:00	5241.6	5113.3	259	26	5
31/12/90 09:00	7086.3	6904	331.01	26	3.9998
31/12/90 10:00	8800.2	8558.5	411.01	26	3.0001
31/12/90 11:00	9414.5	9149.3	441.01	26	3.0001
31/12/90 12:00	12992	12557	607.99	26	3.0001
31/12/90 13:00	10592	10276	496.01	26	3.0001
31/12/90 14:00	6038	5888.3	285	26	3.0001
31/12/90 15:00	5032.1	4909.7	237	26	3.0001
31/12/90 16:00	3160.9	3079.1	156	26	3.0001
31/12/90 17:00	961.49	915.74	54.001	27	1.9999
31/12/90 18:00	0	-21.619	0	26	1.0002
31/12/90 19:00	0	-21.619	0	25	0
31/12/90 20:00	0	-21.619	0	25	1.0002
31/12/90 21:00	0	-21.619	0	25	1.0002
31/12/90 22:00	0	-21.619	0	25	0
31/12/90 23:00	0	-21.619	0	25	0

Attachment D

Construction Cost Estimates

Summary of Estimated Construction and Maintenance Costs (Cayman Islands Dollars)							
		New Construction Cost Subtotal	Rehab Construction Cost Total	Total Construction Cost Subtotal By Year	Estimated Construction Cost Subtotal	Contingency (%)	Total Estimated Construction Cost
No Build Summary	2026 Totals:	$0.00	$9,478,502.49	$9,478,502.49	$50,159,360.62	20.00%	$60,191,232.74
	2036 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
	2046 Totals:	$0.00	$12,245,350.64	$12,245,350.64			
	2060 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
	2074 Totals:	$0.00	$9,478,502.49	$9,478,502.49			
Alternate B1 Summary	2026 Totals:	$198,627,776.03	$0.00	$198,627,776.03	$631,150,402.35	20.00%	$757,380,482.82
	2036 Totals:	$126,810,745.45	$14,939,621.22	$141,750,366.67			
	2046 Totals:	$110,848,289.60	$21,447,737.18	$132,296,026.78			
	2060 Totals:	$0.00	$25,641,026.80	$25,641,026.80			
	2074 Totals:	$84,336,942.20	$48,498,263.87	$132,835,206.08			
Alternate B2 Summary	2026 Totals:	$178,016,645.47	$0.00	$178,016,645.47	$567,056,237.28	20.00%	$680,467,484.74
	2036 Totals:	$119,743,609.18	$12,736,555.38	$132,480,164.56			
	2046 Totals:	$103,335,403.54	$18,889,223.72	$122,224,627.26			
	2060 Totals:	$0.00	$22,394,058.03	$22,394,058.03			
	2074 Totals:	$78,661,083.17	$33,279,658.80	$111,940,741.96			
Alternate B3 Summary	2026 Totals:	$178,086,367.52	$0.00	$178,086,367.52	$569,703,683.27	20.00%	$683,644,419.92
	2036 Totals:	$117,263,389.36	$12,951,935.89	$130,215,325.25			
	2046 Totals:	$104,038,194.47	$19,278,119.75	$123,316,314.21			
	2060 Totals:	$0.00	$22,872,048.55	$22,872,048.55			
	2074 Totals:	$71,434,452.77	$43,779,174.96	$115,213,627.73			
Will T Connector Summary	2026 Totals:	$8,355,299.54	$0.00	$8,355,299.54	$27,127,304.75	20.00%	$32,552,765.71
	2036 Totals:	$0.00	$3,101,275.51	$3,101,275.51			
	2046 Totals:	$0.00	$3,460,927.97	$3,460,927.97			
	2060 Totals:	$0.00	$3,101,275.51	$3,101,275.51			
	2074 Totals:	$9,108,526.23	$0.00	$9,108,526.23			

Summary of Estimated Construction and Maintenance Costs (US Dollars)							
		New Construction Cost Subtotal	Rehab Construction Cost Total	Total Construction Cost Subtotal By Year	Estimated Construction Cost Subtotal	Contingency (%)	Total Estimated Construction Cost
No Build Summary	2026 Totals:	$0.00	$11,283,931.54	$11,283,931.54	$59,713,524.54	20.00%	$71,656,229.45
	2036 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
	2046 Totals:	$0.00	$14,577,798.38	$14,577,798.38			
	2060 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
	2074 Totals:	$0.00	$11,283,931.54	$11,283,931.54			
Alternate B1 Summary	2026 Totals:	$236,461,638.13	$0.00	$236,461,638.13	$751,369,526.61	20.00%	$901,643,431.93
	2036 Totals:	$150,965,173.15	$17,785,263.36	$168,750,436.51			
	2046 Totals:	$131,962,249.52	$25,533,020.45	$157,495,269.97			
	2060 Totals:	$0.00	$30,525,031.91	$30,525,031.91			
	2074 Totals:	$100,401,121.67	$57,736,028.42	$158,137,150.09			
Alternate B2 Summary	2026 Totals:	$211,924,577.94	$0.00	$211,924,577.94	$675,066,949.15	20.00%	$810,080,338.98
	2036 Totals:	$142,551,915.69	$15,162,565.93	$157,714,481.62			
	2046 Totals:	$123,018,337.55	$22,487,171.10	$145,505,508.64			
	2060 Totals:	$0.00	$26,659,592.89	$26,659,592.89			
	2074 Totals:	$93,644,146.63	$39,618,641.42	$133,262,788.05			
Alternate B3 Summary	2026 Totals:	$212,007,580.38	$0.00	$212,007,580.38	$678,218,670.56	20.00%	$813,862,404.67
	2036 Totals:	$139,599,273.05	$15,418,971.30	$155,018,244.35			
	2046 Totals:	$123,854,993.41	$22,950,142.55	$146,805,135.97			
	2060 Totals:	$0.00	$27,228,629.23	$27,228,629.23			
	2074 Totals:	$85,041,015.20	$52,118,065.43	$137,159,080.63			
Will T Connector Summary	2026 Totals:	$9,946,785.17	$0.00	$9,946,785.17	$32,294,410.42	20.00%	$38,753,292.51
	2036 Totals:	$0.00	$3,691,994.65	$3,691,994.65			
	2046 Totals:	$0.00	$4,120,152.34	$4,120,152.34			
	2060 Totals:	$0.00	$3,691,994.65	$3,691,994.65			
	2074 Totals:	$10,843,483.60	$0.00	$10,843,483.60			

No Build Alternative Quantity By Year Summary and Inflation Calculations

CURRENT YEAR ESTIMATE DATE: 2024				2026		2036		2046		2060		2074		Revised Total Cost
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	[Sum All Years (Qty)x(Unit Price)x(% Inc.)]
9090000	Compacted Asphalt, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090010	Compacted Asphalt, 3.5" Depth	SQ YD	$18.62		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090020	Compacted Asphalt, 6" Depth	SQ YD	$31.92		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090030	Crusher Run, 6" Depth	SQ YD	$11.02		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090040	Cayman Rock, 6" Depth	SQ YD	$16.29		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090050	Milling, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090060	Asphalt Tack Coat	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090070	Concrete Pavement, 6" Depth	SQ YD	$190.04		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090080	Conrete Curb, 6" Height	LF	$44.46		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090090	Concrete Curb and Gutter, 6" Height	LF	$61.81		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090100	Concrete Mountable Curb	LF	$44.45		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090110	Concrete Median Barrier	LF	$190.21		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090120	Pavement Markings, Yellow	LF	$3.10		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090130	Pavement Markings, White	LF	$3.10		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090140	Compacted Asphalt, 2" Depth-REHAB	SQ YD	$16.93	180,017	$3,048,037.07	180,017	$3,048,037.07		$0.00	180,017	$3,048,037.07	180,017	$3,048,037.07	$12,192,148.26
9090150	Compacted Asphalt, 3.5" Depth-REHAB	SQ YD	$18.62	18,002	$335,218.80	18,002	$335,218.80	180,017	$3,352,132.15	18,002	$335,218.80	18,002	$335,218.80	$4,693,007.35
9090160	Crusher Run, 6" Depth-REHAB	SQ YD	$15.48	18,002	$278,646.63	18,002	$278,646.63	180,017	$2,786,419.82	18,002	$278,646.63	18,002	$278,646.63	$3,901,006.32
9090170	Cayman Rock, 6" Depth-REHAB	SQ YD	$21.69	18,002	$390,410.05	18,002	$390,410.05	180,017	$3,904,035.41	18,002	$390,410.05	18,002	$390,410.05	$5,465,675.60
9090180	Milling, 2" Depth-REHAB	SQ YD	$23.99	180,017	$4,319,468.28	180,017	$4,319,468.28		$0.00	180,017	$4,319,468.28	180,017	$4,319,468.28	$17,277,873.11
9090190	Asphalt Tack Coat-REHAB	SQ YD	$2.00	378,036	$756,009.23	378,036	$756,009.23	180,017	$360,004.11	378,036	$756,009.23	378,036	$756,009.23	$3,384,041.03
9090200	Concrete Pavement, 6" Depth-REHAB	SQ YD	$396.02		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090210	Conrete Curb, 6" Height-REHAB	LF	$82.59		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090220	Concrete Curb and Gutter, 6" Height-REI	LF	$104.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090230	Concrete Mountable Curb-REHAB	LF	$84.10		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090240	Concrete Median Barrier-REHAB	LF	$267.78		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090250	Pavement Markings, Yellow-REHAB	LF	$3.81		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090260	Pavement Markings, White-REHAB	LF	$3.81	48,500	$184,924.87	48,500	$184,924.87	48,500	$184,924.87	48,500	$184,924.87	48,500	$184,924.87	$924,624.37
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090270	Light Poles	EA	$37,667.08		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090280	Undercut Excavation	CU YD	$20.72		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090290	Peat Excavation	CU YD	$20.72		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090300	Aggregate Borrow Material (18" Rock)	CU YD	$18.95		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090310	Embankment Material (Shot Rock)	CU YD	$13.12		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090320	Corridor Excavation	CU YD	$20.72	8,001	$165,787.57	8,001	$165,787.57	80,008	$1,657,834.28	8,001	$165,787.57	8,001	$165,787.57	$2,320,984.56
9090330	Drainage Inlet and Well - Large	EA	$28,703.27		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090340	Utility Pole Removal/Relocation - Minor	EA	$452.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090350	Utility Pole Removal/Relocation - Major	EA	$6,563.18		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090360	Residential Structure Demolition - Small	EA	$53,101.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090370	Residential Structure Demolition - Medi	EA	$106,202.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090380	Residential Structure Demolition - Large	EA	$185,853.50		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090390	Commercial Structure Demolition - Smal	EA	$165,940.67		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090400	Commercial Structure Demolition - Med	EA	$212,404.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090410	Commercial Structure Demolition - Large	EA	$265,505.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Bridge No.				$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-1	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-2	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-3	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-4	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-5	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-6	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-7	New Construction	SF	$497.00	$0.00		$0.00		$0.00		$0.00		$0.00	$0.00

	B1-8	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-9	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-10	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-11	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-12	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-13	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-14	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-15	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-16	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-17	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-18	New Construction	SF	$497.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-1	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-2	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-3	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-4	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-5	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-6	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-7	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-8	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-9	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-10	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-11	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-12	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-13	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-14	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-15	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-16	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-17	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-18	Widening	SF	$596.40		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
						$0.00		$0.00		$0.00		$0.00		$0.00	$0.00

New Construction Cost Subtotal:	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Rehab Cost Subtotal:	$9,478,502.49	$9,478,502.49	$12,245,350.64	$9,478,502.49	$9,478,502.49	$50,159,360.62

	SUBTOTAL:			SUBTOTAL:	$50,159,361.00
CONTINGENCY	20.00%		CONTINGENCY	20.00%	$10,031,872.20
	TOTAL:			TOTAL:	$60,191,233.20

(Values Shown are in Cayman Island Dollars CI$)

***Note: Unit Prices shown herein include the following incidental costs, calculated as a percentage of total construction costs.

- Construction Project Management - 12% of Base Construction Costs
- Contractor Insurance - 4.5% of Base Construction Costs
- Legal Permits and Fees - 2% of Base Construction Costs
- Inspection and Testing - 3% of Base Construction Costs
- Contractor Fee/Profit - 3.5% of Base Construction Costs
- Owner General Engineering Consultant Fees During Construction - 7% of Base Construction Costs

Alternative B1 Quantity By Year Summary and Inflation Calculations

CURRENT YEAR ESTIMATE DATE: 2024				2026		2036		2046		2060		2074		Revised Total Cost
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	[Sum All Years (Qty)x(Unit Price)x(% Inc.)]
9090000	Compacted Asphalt, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090010	Compacted Asphalt, 3.5" Depth	SQ YD	$18.62	246,887	$4,597,327.07	107,477	$2,001,348.48	45,313	$843,781.49		$0.00	108,754	$2,025,127.72	$9,467,584.77
9090020	Compacted Asphalt, 6" Depth	SQ YD	$31.92		$0.00	17,196	$548,934.71	56,059	$1,789,528.42		$0.00		$0.00	$2,338,463.12
9090030	Crusher Run, 6" Depth	SQ YD	$11.02	246,887	$2,720,096.47	107,477	$1,184,136.10	45,313	$499,239.45		$0.00	108,754	$1,198,205.54	$5,601,677.56
9090040	Cayman Rock, 6" Depth	SQ YD	$16.29	248,243	$4,042,794.77	140,817	$2,293,294.19	125,098	$2,037,300.31		$0.00	108,754	$1,771,127.90	$10,144,517.16
9090050	Milling, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090060	Asphalt Tack Coat	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090070	Concrete Pavement, 6" Depth	SQ YD	$190.04	1,356	$257,694.32	16,144	$3,068,006.76	33,251	$6,319,022.11		$0.00		$0.00	$9,644,723.20
9090080	Conrete Curb, 6" Height	LF	$44.46	9,783	$434,915.89	1,885	$83,800.11		$0.00		$0.00		$0.00	$518,716.00
9090090	Concrete Curb and Gutter, 6" Height	LF	$61.81	10,520	$650,268.32		$0.00	8,765	$541,787.24		$0.00	26,526	$1,639,640.44	$2,831,696.00
9090100	Concrete Mountable Curb	LF	$44.45	2,303	$102,363.68	6,260	$278,244.32		$0.00		$0.00		$0.00	$380,608.00
9090110	Concrete Median Barrier	LF	$190.21	35,291	$6,712,702.90		$0.00	8,765	$1,667,191.10		$0.00		$0.00	$8,379,894.00
9090120	Pavement Markings, Yellow	LF	$3.10	85,944	$266,471.33		$0.00	13,510	$41,888.06		$0.00	29,462	$91,347.60	$399,707.00
9090130	Pavement Markings, White	LF	$3.10	109,867	$340,663.94	107,430	$333,107.55	22,264	$69,033.85		$0.00	118,842	$368,492.67	$1,111,298.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090140	Compacted Asphalt, 2" Depth-REHAB	SQ YD	$16.93		$0.00	246,887	$4,180,275.90	371,560	$6,291,231.67	472,932	$8,007,656.31	472,932	$8,007,656.31	$26,486,820.19
9090150	Compacted Asphalt, 3.5" Depth-REHAB	SQ YD	$18.62		$0.00		$0.00	2,469	$45,975.74		$0.00	247,962	$4,617,349.43	$4,663,325.17
9090160	Crusher Run, 6" Depth-REHAB	SQ YD	$15.48		$0.00		$0.00	2,469	$38,216.78		$0.00	247,962	$3,838,116.57	$3,876,333.36
9090170	Cayman Rock, 6" Depth-REHAB	SQ YD	$21.69		$0.00		$0.00	2,469	$53,545.30		$0.00	249,651	$5,414,190.58	$5,467,735.87
9090180	Milling, 2" Depth-REHAB	SQ YD	$23.99		$0.00	246,887	$5,923,999.20	371,560	$8,915,500.39	472,932	$11,347,899.20	472,932	$11,347,899.20	$37,535,298.00
9090190	Asphalt Tack Coat-REHAB	SQ YD	$2.00		$0.00	493,774	$987,466.01	743,120	$1,486,116.61	945,864	$1,891,570.95	945,864	$1,891,570.95	$6,256,724.52
9090200	Concrete Pavement, 6" Depth-REHAB	SQ YD	$396.02		$0.00		$0.00		$0.00		$0.00	1,356	$537,000.00	$537,000.00
9090210	Conrete Curb, 6" Height-REHAB	LF	$82.59		$0.00		$0.00		$0.00		$0.00	9,783	$808,001.00	$808,001.00
9090220	Concrete Curb and Gutter, 6" Height-RE	LF	$104.57		$0.00		$0.00		$0.00		$0.00	10,520	$1,100,118.00	$1,100,118.00
9090230	Concrete Mountable Curb-REHAB	LF	$84.10		$0.00		$0.00		$0.00		$0.00	2,303	$193,678.00	$193,678.00
9090240	Concrete Median Barrier-REHAB	LF	$267.78		$0.00		$0.00		$0.00		$0.00	35,291	$9,450,059.00	$9,450,059.00
9090250	Pavement Markings, Yellow-REHAB	LF	$3.81		$0.00	85,944	$327,694.47	85,944	$327,694.47	99,454	$379,206.53	99,454	$379,206.53	$1,413,802.00
9090260	Pavement Markings, White-REHAB	LF	$3.81		$0.00	109,867	$418,910.13	217,297	$828,528.26	239,561	$913,418.31	239,561	$913,418.31	$3,074,275.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090270	Light Poles	EA	$37,667.08	173	$6,516,404.96	0	$0.00	55	$2,071,689.44		$0.00	119	$4,482,382.60	$13,070,477.00
9090280	Undercut Excavation	CU YD	$20.72	18,346	$380,144.97	34,422	$713,253.58	3,088	$63,986.03		$0.00	7,645	$158,411.00	$1,315,795.58
9090290	Peat Excavation	CU YD	$20.72	369,752	$7,661,581.59	131,765	$2,730,284.89	28,592	$592,451.00		$0.00	20,885	$432,755.28	$11,417,072.76
9090300	Aggregate Borrow Material (18" Rock)	CU YD	$18.95	388,098	$7,354,105.84	166,187	$3,149,093.24	31,680	$600,307.33		$0.00	28,530	$540,617.68	$11,644,124.08
9090310	Embankment Material (Shot Rock)	CU YD	$13.12	1,560,745	$20,474,792.10	658,531	$8,639,005.93	388,309	$5,094,071.13		$0.00	218,142	$2,861,718.02	$37,069,587.19
9090320	Corridor Excavation	CU YD	$20.72	3,664	$75,921.22	951	$19,705.53	2,778	$57,562.54		$0.00	337	$6,982.93	$160,172.22
9090330	Drainage Inlet and Well - Large	EA	$28,703.27		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090340	Utility Pole Removal/Relocation - Minor	EA	$452.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090350	Utility Pole Removal/Relocation - Major	EA	$6,563.18		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090360	Residential Structure Demolition - Small	EA	$53,101.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090370	Residential Structure Demolition - Medi	EA	$106,202.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090380	Residential Structure Demolition - Large	EA	$185,853.50		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090390	Commercial Structure Demolition - Smal	EA	$165,940.67		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090400	Commercial Structure Demolition - Med	EA	$212,404.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090410	Commercial Structure Demolition - Larg	EA	$265,505.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Drainage and Stormwater Allowance	%	15.00%	165,454,327	$24,818,149.11	120,564,427	$18,084,664.06	112,030,521	$16,804,578.11	22,539,751	$3,380,962.69	107,588,417	$16,138,262.59	$79,226,616.56
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Bridge No.				$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B1-1 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B1-2 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B1-3 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B1-4 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00

	B1-5	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B1-6	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B1-7	New Construction	SF	$497.00	17,643	$8,768,571.00		$0.00	9,199	$4,571,903.00		$0.00		$0.00	$13,340,474.00
	B1-8	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-9	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-10	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-11	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-12	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-13	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-14	New Construction	SF	$497.00	1,843	$915,971.00		$0.00	961	$477,617.00		$0.00		$0.00	$1,393,588.00
	B1-15	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-16	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-17	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-18	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B1-1	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-2	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-3	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-4	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-5	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-6	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B1-7	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00		$0.00		$0.00	12,730	$7,592,172.00	$12,387,228.00
	B1-8	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-9	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-10	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-11	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-12	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-13	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-14	Widening	SF	$596.40		$0.00	840	$500,976.00		$0.00		$0.00	1,330	$793,212.00	$1,294,188.00
	B1-15	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-16	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-17	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B1-18	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00

Construction of Will T Connector	$8,355,299.54				$9,108,526.23	$17,463,825.77
Maintenance of Will T Connector		$3,101,275.51	$3,460,927.97	$3,101,275.51		$9,663,478.98
New Construction Cost Subtotal:	$190,272,476.48	$126,810,745.45	$110,848,289.60	$0.00	$75,228,415.98	$506,540,890.20
Rehab Cost Subtotal:	$0.00	$11,838,345.72	$17,986,809.21	$22,539,751.30	$48,498,263.87	$100,863,170.10

	SUBTOTAL:		SUBTOTAL:	$634,531,365.05
CONTINGENCY	20.00%	CONTINGENCY	20.00%	$126,906,273.01
	TOTAL:		TOTAL:	$761,437,638.06

(Values Shown are in Cayman Island Dollars CI$)

***Note: Unit Prices shown herein include the following incidental costs, calculated as a percentage of total construction costs.
Construction Project Management - 12% of Base Construction Costs
Contractor Insurance - 4.5% of Base Construction Costs
Legal Permits and Fees - 2% of Base Construction Costs
Inspection and Testing - 3% of Base Construction Costs
Contractor Fee/Profit - 3.5% of Base Construction Costs
Owner General Engineering Consultant Fees During Construction - 7% of Base Construction Costs

Alternative B2 Quantity By Year Summary and Inflation Calculations

CURRENT YEAR ESTIMATE DATE: 2024				2026		2036		2046		2060		2074		Revised Total Cost
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	[Sum All Years (Qty)x(Unit Price)x(% Inc.)]
9090000	Compacted Asphalt, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090010	Compacted Asphalt, 3.5" Depth	SQ YD	$18.62	200,648	$3,736,302.37	100,620	$1,873,663.05	45,311	$843,744.25		$0.00	100,150	$1,864,911.10	$8,318,620.77
9090020	Compacted Asphalt, 6" Depth	SQ YD	$31.92		$0.00	17,196	$548,934.71	40,162	$1,282,060.69		$0.00		$0.00	$1,830,995.40
9090030	Crusher Run, 6" Depth	SQ YD	$11.02	200,648	$2,210,654.74	100,620	$1,108,588.57	45,311	$499,217.42		$0.00	100,150	$1,103,410.31	$4,921,871.04
9090040	Cayman Rock, 6" Depth	SQ YD	$16.29	201,875	$3,287,662.47	133,238	$2,169,865.37	114,242	$1,860,503.46		$0.00	100,150	$1,631,006.30	$8,949,037.59
9090050	Milling, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090060	Asphalt Tack Coat	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090070	Concrete Pavement, 6" Depth	SQ YD	$190.04	1,227	$233,179.16	15,422	$2,930,797.84	28,769	$5,467,262.55		$0.00		$0.00	$8,631,239.55
9090080	Conrete Curb, 6" Height	LF	$44.46	8,331	$370,365.36		$0.00		$0.00		$0.00		$0.00	$370,365.36
9090090	Concrete Curb and Gutter, 6" Height	LF	$61.81	8,771	$542,158.12	1,885	$116,516.71		$0.00		$0.00		$0.00	$658,674.83
9090100	Concrete Mountable Curb	LF	$44.45	2,038	$90,584.97	5,256	$233,618.55		$0.00		$0.00		$0.00	$324,203.52
9090110	Concrete Median Barrier	LF	$190.21	33,660	$6,402,470.31		$0.00	8,765	$1,667,191.10		$0.00	24,895	$4,735,279.22	$12,804,940.62
9090120	Pavement Markings, Yellow	LF	$3.10	81,420	$252,444.57		$0.00	13,510	$41,888.06		$0.00	27,398	$84,948.12	$379,280.76
9090130	Pavement Markings, White	LF	$3.10	81,420	$252,458.50	101,776	$315,576.22	22,264	$69,033.85		$0.00	38,350	$118,911.61	$755,980.18
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090140	Compacted Asphalt, 2" Depth-REHAB	SQ YD	$16.93		$0.00	200,648	$3,397,359.92	318,464	$5,392,213.38	403,937	$6,839,437.10	203,289	$3,442,077.18	$19,071,087.57
9090150	Compacted Asphalt, 3.5" Depth-REHAB	SQ YD	$18.62		$0.00		$0.00	2,006	$37,354.12		$0.00	201,654	$3,755,039.00	$3,792,393.13
9090160	Crusher Run, 6" Depth-REHAB	SQ YD	$15.48		$0.00		$0.00	2,006	$31,050.17		$0.00	201,654	$3,121,331.33	$3,152,381.50
9090170	Cayman Rock, 6" Depth-REHAB	SQ YD	$21.69		$0.00		$0.00	2,006	$43,504.20		$0.00	203,207	$4,406,957.81	$4,450,462.01
9090180	Milling, 2" Depth-REHAB	SQ YD	$23.99		$0.00	200,648	$4,814,504.58	318,464	$7,641,473.56	403,937	$9,692,379.37	203,289	$4,877,874.79	$27,026,232.30
9090190	Asphalt Tack Coat-REHAB	SQ YD	$2.00		$0.00	401,296	$802,525.37	636,928	$1,273,750.24	807,874	$1,615,613.86	406,578	$813,088.49	$4,504,977.96
9090200	Concrete Pavement, 6" Depth-REHAB	SQ YD	$396.02		$0.00		$0.00		$0.00		$0.00	1,227	$485,913.72	$485,913.72
9090210	Conrete Curb, 6" Height-REHAB	LF	$82.59		$0.00		$0.00		$0.00		$0.00	8,331	$688,076.90	$688,076.90
9090220	Concrete Curb and Gutter, 6" Height-RE	LF	$104.57		$0.00		$0.00		$0.00		$0.00	8,771	$917,218.15	$917,218.15
9090230	Concrete Mountable Curb-REHAB	LF	$84.10		$0.00		$0.00		$0.00		$0.00	7,294	$613,411.78	$613,411.78
9090240	Concrete Median Barrier-REHAB	LF	$267.78		$0.00		$0.00		$0.00		$0.00	33,660	$9,013,317.44	$9,013,317.44
9090250	Pavement Markings, Yellow-REHAB	LF	$3.81		$0.00	81,420	$310,444.99	81,420	$310,444.99	94,930	$361,957.04	94,930	$361,957.04	$1,344,804.06
9090260	Pavement Markings, White-REHAB	LF	$3.81		$0.00	81,420	$310,445.02	183,196	$698,505.10	205,460	$783,395.15	205,460	$783,395.15	$2,575,740.42
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090270	Light Poles	EA	$37,667.08	164	$6,177,401.23	0	$0.00	55	$2,071,689.44		$0.00	109	$4,105,711.80	$12,354,802.47
9090280	Undercut Excavation	CU YD	$20.72	93,946	$1,946,642.28	41,502	$859,957.29	8,211	$170,139.01		$0.00	11,967	$247,966.58	$3,224,705.17
9090290	Peat Excavation	CU YD	$20.72	142,597	$2,954,733.31	62,607	$1,297,271.25	11,028	$228,509.71		$0.00	7,579	$157,043.44	$4,637,557.71
9090300	Aggregate Borrow Material (18" Rock)	CU YD	$18.95	236,543	$4,482,275.76	104,109	$1,972,771.32	19,239	$364,561.64		$0.00	19,546	$370,379.01	$7,189,987.72
9090310	Embankment Material (Shot Rock)	CU YD	$13.12	1,268,663	$16,643,084.66	644,691	$8,457,444.49	310,815	$4,077,458.21		$0.00	189,864	$2,490,750.20	$31,668,737.56
9090320	Corridor Excavation	CU YD	$20.72	2,707	$56,091.36	908	$18,814.54	1,892	$39,203.86		$0.00	1,062	$22,005.55	$136,115.31
9090330	Drainage Inlet and Well - Large	EA	$28,703.27		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090340	Utility Pole Removal/Relocation - Minor	EA	$452.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090350	Utility Pole Removal/Relocation - Major	EA	$6,563.18		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090360	Residential Structure Demolition - Small	EA	$53,101.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090370	Residential Structure Demolition - Medi	EA	$106,202.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090380	Residential Structure Demolition - Large	EA	$185,853.50		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090390	Commercial Structure Demolition - Smal	EA	$165,940.67		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090400	Commercial Structure Demolition - Med	EA	$212,404.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090410	Commercial Structure Demolition - Larg	EA	$265,505.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Drainage and Stormwater Allowance	%	15.00%	147,531,605	$22,129,740.77	112,503,382	$16,875,507.27	103,272,782	$15,490,917.30	19,292,783	$2,893,917.38	89,419,318	$13,412,897.70	$70,802,980.42
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00

	Bridge No.					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B2-1	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-2	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-3	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-4	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-5	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-6	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B2-7	New Construction	SF	$497.00	17,643	$8,768,571.00		$0.00	9,199	$4,571,903.00		$0.00		$0.00	$13,340,474.00
	B2-8	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-9	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-10	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-11	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-12	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-13	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-14	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-15	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-16	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B2-1	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-2	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-3	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-4	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-5	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-6	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B2-7	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00		$0.00		$0.00	12,730	$7,592,172.00	$12,387,228.00
	B2-8	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-9	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-10	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-11	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-12	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-13	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-14	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-15	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B2-16	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00

Construction of Will T Connector	$8,355,299.54			$9,108,526.23	$17,463,825.77
Maintenance of Will T Connector		$3,101,275.51	$3,460,927.97	$3,101,275.51		$9,663,478.98
New Construction Cost Subtotal:	$169,661,345.93	$119,743,609.18	$103,335,403.54		$69,552,556.94	$465,186,832.96
Rehab Cost Subtotal:	$0.00	$9,635,279.87	$15,428,295.75	$19,292,782.52	$33,279,658.80	$77,636,016.94

	SUBTOTAL:	SUBTOTAL:	$569,950,154.66
CONTINGENCY	20.00%	CONTINGENCY	20.00%	$113,990,030.93
	TOTAL:	TOTAL:	$683,940,185.59

(Values Shown are in Cayman Island Dollars CI$)

***Note: Unit Prices shown herein include the following incidental costs, calculated as a percentage of total construction costs.
Construction Project Management - 12% of Base Construction Costs
Contractor Insurance - 4.5% of Base Construction Costs
Legal Permits and Fees - 2% of Base Construction Costs
Inspection and Testing - 3% of Base Construction Costs
Contractor Fee/Profit - 3.5% of Base Construction Costs
Owner General Engineering Consultant Fees During Construction - 7% of Base Construction Costs

Alternative B3 Quantity By Year Summary and Inflation Calculations

CURRENT YEAR ESTIMATE DATE: 2024				2026		2036		2046		2060		2074		Revised Total Cost
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	[Sum All Years (Qty)x(Unit Price)x(% Inc.)]
9090000	Compacted Asphalt, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090010	Compacted Asphalt, 3.5" Depth	SQ YD	$18.62	205,088	$3,818,980.40	104,205	$1,940,419.98	45,313	$843,781.49		$0.00	105,802	$1,970,158.00	$8,573,339.88
9090020	Compacted Asphalt, 6" Depth	SQ YD	$31.92		$0.00	17,196	$548,934.71	42,199	$1,347,086.28		$0.00		$0.00	$1,896,020.98
9090030	Crusher Run, 6" Depth	SQ YD	$11.02	205,088	$2,259,572.78	104,205	$1,148,086.58	45,313	$499,239.45		$0.00	105,802	$1,165,681.65	$5,072,580.47
9090040	Cayman Rock, 6" Depth	SQ YD	$16.29	206,204	$3,358,162.98	123,306	$2,008,116.45	117,674	$1,916,395.75		$0.00	105,802	$1,723,052.70	$9,005,727.88
9090050	Milling, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090060	Asphalt Tack Coat	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090070	Concrete Pavement, 6" Depth	SQ YD	$190.04	1,116	$212,084.71	15,627	$2,969,756.05	30,162	$5,731,988.36		$0.00		$0.00	$8,913,829.12
9090080	Conrete Curb, 6" Height	LF	$44.46	8,939	$397,394.78	1,885	$83,800.11		$0.00		$0.00		$0.00	$481,194.89
9090090	Concrete Curb and Gutter, 6" Height	LF	$61.81	8,956	$553,593.45		$0.00		$0.00		$0.00		$0.00	$553,593.45
9090100	Concrete Mountable Curb	LF	$44.45	1,909	$84,851.18	5,863	$260,598.47		$0.00		$0.00		$0.00	$345,449.65
9090110	Concrete Median Barrier	LF	$190.21	38,210	$7,267,926.04		$0.00	11,845	$2,253,038.05		$0.00		$0.00	$9,520,964.10
9090120	Pavement Markings, Yellow	LF	$3.10	83,506	$258,912.26		$0.00	13,510	$41,888.06		$0.00	28,243	$87,568.07	$388,368.39
9090130	Pavement Markings, White	LF	$3.10	83,506	$258,926.55	104,384	$323,662.83	22,264	$69,033.85		$0.00	40,572	$125,801.35	$777,424.58
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090140	Compacted Asphalt, 2" Depth-REHAB	SQ YD	$16.93		$0.00	205,088	$3,472,537.74	326,489	$5,528,092.20	414,001	$7,009,840.14	414,001	$7,009,840.14	$23,020,310.22
9090150	Compacted Asphalt, 3.5" Depth-REHAB	SQ YD	$18.62		$0.00		$0.00	2,051	$38,192.08		$0.00	206,130	$3,838,387.49	$3,876,579.56
9090160	Crusher Run, 6" Depth-REHAB	SQ YD	$15.48		$0.00		$0.00	2,051	$31,746.71		$0.00	206,130	$3,190,613.76	$3,222,360.47
9090170	Cayman Rock, 6" Depth-REHAB	SQ YD	$21.69		$0.00		$0.00	2,051	$44,480.11		$0.00	206,130	$4,470,349.02	$4,514,829.13
9090180	Milling, 2" Depth-REHAB	SQ YD	$23.99		$0.00	205,088	$4,921,041.40	326,489	$7,834,031.66	414,001	$9,933,862.84	414,001	$9,933,862.84	$32,622,798.74
9090190	Asphalt Tack Coat-REHAB	SQ YD	$2.00		$0.00	410,176	$820,283.89	652,978	$1,305,847.58	828,002	$1,655,866.52	828,002	$1,655,866.52	$5,437,864.51
9090200	Concrete Pavement, 6" Depth-REHAB	SQ YD	$396.02		$0.00		$0.00		$0.00		$0.00	1,116	$441,955.75	$441,955.75
9090210	Conrete Curb, 6" Height-REHAB	LF	$82.59		$0.00		$0.00		$0.00		$0.00	8,939	$738,293.05	$738,293.05
9090220	Concrete Curb and Gutter, 6" Height-RE	LF	$104.57		$0.00		$0.00		$0.00		$0.00	8,956	$936,564.34	$936,564.34
9090230	Concrete Mountable Curb-REHAB	LF	$84.10		$0.00		$0.00		$0.00		$0.00	1,909	$160,543.34	$160,543.34
9090240	Concrete Median Barrier-REHAB	LF	$267.78		$0.00		$0.00		$0.00		$0.00	38,210	$10,231,695.17	$10,231,695.17
9090250	Pavement Markings, Yellow-REHAB	LF	$3.81		$0.00	83,506	$318,398.66	83,506	$318,398.66	97,016	$369,910.72	97,016	$369,910.72	$1,376,618.76
9090260	Pavement Markings, White-REHAB	LF	$3.81		$0.00	83,506	$318,398.69	187,890	$716,402.78	210,154	$801,292.83	210,154	$801,292.83	$2,637,387.12
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090270	Light Poles	EA	$37,667.08	168	$6,328,069.56	0	$0.00	55	$2,071,689.44		$0.00	113	$4,256,380.12	$12,656,139.11
9090280	Undercut Excavation	CU YD	$20.72	17,615	$364,998.02	6,887	$142,704.59	3,358	$69,580.66		$0.00	26,218	$543,259.61	$1,120,542.88
9090290	Peat Excavation	CU YD	$20.72	286,206	$5,930,436.13	95,739	$1,983,794.98	56,657	$1,173,982.10		$0.00	15,551	$322,230.18	$9,410,443.39
9090300	Aggregate Borrow Material (18" Rock)	CU YD	$18.95	303,821	$5,757,132.96	102,626	$1,944,669.81	60,015	$1,137,229.93		$0.00	41,769	$791,484.75	$9,630,517.45
9090310	Embankment Material (Shot Rock)	CU YD	$13.12	1,284,528	$16,851,211.28	652,734	$8,562,957.40	316,903	$4,157,324.25		$0.00	136,043	$1,784,693.94	$31,356,186.87
9090320	Corridor Excavation	CU YD	$20.72	2,601	$53,894.95	971	$20,119.95	2,212	$45,834.53		$0.00	1,027	$21,280.32	$141,129.75
9090330	Drainage Inlet and Well - Large	EA	$28,703.27		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090340	Utility Pole Removal/Relocation - Minor	EA	$452.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090350	Utility Pole Removal/Relocation - Major	EA	$6,563.18		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090360	Residential Structure Demolition - Small	EA	$53,101.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090370	Residential Structure Demolition - Medi	EA	$106,202.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090380	Residential Structure Demolition - Large	EA	$185,853.50		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090390	Commercial Structure Demolition - Smal	EA	$165,940.67		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090400	Commercial Structure Demolition - Med	EA	$212,404.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090410	Commercial Structure Demolition - Larg	EA	$265,505.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Drainage and Stormwater Allowance	%	15.00%	147,592,233	$22,138,834.95	110,533,956	$16,580,093.44	104,222,075	$15,633,311.25	19,770,773	$2,965,615.96	92,265,306	$13,839,795.85	$71,157,651.45
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Bridge No.				$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	B3-1 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B3-2 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B3-3 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B3-4 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B3-5 New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00

	B3-6	New Construction	SF	$497.00	17,643	$8,768,571.00	9,199	$4,571,903.00		$0.00		$0.00		$0.00	$13,340,474.00
	B3-7	New Construction	SF	$497.00	17,643	$8,768,571.00		$0.00	9,199	$4,571,903.00		$0.00		$0.00	$13,340,474.00
	B3-8	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-9	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-10	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-11	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-12	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-13	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-14	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-15	New Construction	SF	$497.00	8,163	$4,057,011.00		$0.00	4,256	$2,115,232.00		$0.00		$0.00	$6,172,243.00
	B3-1	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-2	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-3	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-4	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-5	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-6	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00	12,730	$7,592,172.00		$0.00		$0.00	$12,387,228.00
	B3-7	Widening	SF	$596.40		$0.00	8,040	$4,795,056.00		$0.00		$0.00	12,730	$7,592,172.00	$12,387,228.00
	B3-8	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-9	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-10	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-11	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-12	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-13	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-14	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00
	B3-15	Widening	SF	$596.40		$0.00	3,720	$2,218,608.00		$0.00		$0.00	5,890	$3,512,796.00	$5,731,404.00

Construction of Will T Connector		$8,355,299.54				$9,108,526.23	$17,463,825.77
Maintenance of Will T Connector			$3,101,275.51	$3,460,927.97	$3,101,275.51		$9,663,478.98
New Construction Cost Subtotal:		$169,731,067.98	$117,263,389.36	$104,038,194.47		$62,325,926.54	$456,324,194.30
Rehab Cost Subtotal:		$0.00	$9,850,660.38	$15,817,191.78	$19,770,773.04	$43,779,174.96	$89,217,800.17

	SUBTOTAL:	SUBTOTAL:	$572,669,299.22
CONTINGENCY	20.00%	CONTINGENCY 20.00%	$114,533,859.84
	TOTAL:	TOTAL:	$687,203,159.07

(Values Shown are in Cayman Island Dollars CI$)

***Note: Unit Prices shown herein include the following incidental costs, calculated as a percentage of total construction costs.
Construction Project Management - 12% of Base Construction Costs
Contractor Insurance - 4.5% of Base Construction Costs
Legal Permits and Fees - 2% of Base Construction Costs
Inspection and Testing - 3% of Base Construction Costs
Contractor Fee/Profit - 3.5% of Base Construction Costs
Owner General Engineering Consultant Fees During Construction - 7% of Base Construction Costs

Will T Connector Quantity By Year Summary and Inflation Calculations

CURRENT YEAR ESTIMATE DATE: 2024				2026		2036		2046		2060		2074		Revised Total Cost
ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	QTY	Anticipated Future Year Cost	[Sum All Years (Qty)x(Unit Price)x(% Inc.)]
9090000	Compacted Asphalt, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090010	Compacted Asphalt, 3.5" Depth	SQ YD	$18.62	56,064	$1,043,977.79		$0.00		$0.00		$0.00	56,064	$1,043,977.79	$2,087,955.58
9090020	Compacted Asphalt, 6" Depth	SQ YD	$31.92		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090030	Crusher Run, 6" Depth	SQ YD	$11.02	56,064	$617,689.42		$0.00		$0.00		$0.00	56,064	$617,689.42	$1,235,378.84
9090040	Cayman Rock, 6" Depth	SQ YD	$16.29	63,840	$1,039,674.91		$0.00		$0.00		$0.00	63,840	$1,039,674.91	$2,079,349.81
9090050	Milling, 2" Depth	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090060	Asphalt Tack Coat	SQ YD			$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090070	Concrete Pavement, 6" Depth	SQ YD	$190.04	7,776	$1,477,751.52		$0.00		$0.00		$0.00	7,776	$1,477,751.52	$2,955,503.05
9090080	Conrete Curb, 6" Height	LF	$44.46		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090090	Concrete Curb and Gutter, 6" Height	LF	$61.81	30,955	$1,913,408.34		$0.00		$0.00		$0.00	30,955	$1,913,408.34	$3,826,816.69
9090100	Concrete Mountable Curb	LF	$44.45		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090110	Concrete Median Barrier	LF	$190.21		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090120	Pavement Markings, Yellow	LF	$3.10		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090130	Pavement Markings, White	LF	$3.10	46,686	$144,759.00		$0.00		$0.00		$0.00	46,686	$144,759.00	$289,517.99
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090140	Compacted Asphalt, 2" Depth-REHAB	SQ YD	$16.93		$0.00	56,064	$949,272.29	56,064	$949,272.29	56,064	$949,272.29		$0.00	$2,847,816.87
9090150	Compacted Asphalt, 3.5" Depth-REHAB	SQ YD	$18.62		$0.00		$0.00	5,606	$104,390.43		$0.00		$0.00	$104,390.43
9090160	Crusher Run, 6" Depth-REHAB	SQ YD	$15.48		$0.00		$0.00	5,606	$86,773.30		$0.00		$0.00	$86,773.30
9090170	Cayman Rock, 6" Depth-REHAB	SQ YD	$21.69		$0.00		$0.00	5,606	$121,577.53		$0.00		$0.00	$121,577.53
9090180	Milling, 2" Depth-REHAB	SQ YD	$23.99		$0.00	56,064	$1,345,243.34	56,064	$1,345,243.34	56,064	$1,345,243.34		$0.00	$4,035,730.01
9090190	Asphalt Tack Coat-REHAB	SQ YD	$2.00		$0.00	112,128	$224,237.38	112,128	$224,237.38	112,128	$224,237.38		$0.00	$672,712.15
9090200	Concrete Pavement, 6" Depth-REHAB	SQ YD	$396.02		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090210	Conrete Curb, 6" Height-REHAB	LF	$82.59		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090220	Concrete Curb and Gutter, 6" Height-RE	LF	$104.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090230	Concrete Mountable Curb-REHAB	LF	$84.10		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090240	Concrete Median Barrier-REHAB	LF	$267.78		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090250	Pavement Markings, Yellow-REHAB	LF	$3.81		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090260	Pavement Markings, White-REHAB	LF	$3.81		$0.00	46,686	$178,008.30	46,686	$178,008.30	46,686	$178,008.30		$0.00	$534,024.91
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090270	Light Poles	EA	$37,667.08		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090280	Undercut Excavation	CU YD	$20.72		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090290	Peat Excavation	CU YD	$20.72		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090300	Aggregate Borrow Material (18" Rock)	CU YD	$18.95		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090310	Embankment Material (Shot Rock)	CU YD	$13.12	70,838	$929,295.51		$0.00		$0.00		$0.00		$0.00	$929,295.51
9090320	Corridor Excavation	CU YD	$20.72	4,774	$98,921.37		$0.00		$0.00		$0.00	81,232	$1,683,196.60	$1,782,117.97
9090330	Drainage Inlet and Well - Large	EA	$28,703.27		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090340	Utility Pole Removal/Relocation - Mino	EA	$452.57		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090350	Utility Pole Removal/Relocation - Majo	EA	$6,563.18		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090360	Residential Structure Demolition - Smal	EA	$53,101.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090370	Residential Structure Demolition - Med	EA	$106,202.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090380	Residential Structure Demolition - Large	EA	$185,853.50		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090390	Commercial Structure Demolition - Sma	EA	$165,940.67		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090400	Commercial Structure Demolition - Med	EA	$212,404.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
9090410	Commercial Structure Demolition - Larg	EA	$265,505.00		$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00
	Drainage and Stormwater Allowance	%	15.00%	7,265,478	$1,089,821.68	2,696,761	$404,514.20	3,009,503	$451,425.39	2,696,761	$404,514.20	#######	$1,188,068.64	$3,538,344.10
					$0.00		$0.00		$0.00		$0.00		$0.00	$0.00

New Construction Cost Subtotal:		$8,355,299.54	$0.00	$0.00	$0.00	$9,108,526.23	$17,463,825.77
Rehab/Widening Cost Subtotal:		$0.00	$3,101,275.51	$3,460,927.97	$3,101,275.51	$0.00	$9,663,478.98

	SUBTOTAL:		SUBTOTAL:	$27,127,305.00
CONTINGENCY	20.00%	CONTINGENCY	20.00%	$5,425,461.00
	TOTAL:		TOTAL:	$32,552,766.00

(Values Shown are in Cayman Island Dollars CI$)

***Note: Unit Prices shown herein include the following incidental costs, calculated as a percentage of total construction costs.
Construction Project Management - 12% of Base Construction Costs
Contractor Insurance - 4.5% of Base Construction Costs
Legal Permits and Fees - 2% of Base Construction Costs
Inspection and Testing - 3% of Base Construction Costs
Contractor Fee/Profit - 3.5% of Base Construction Costs
Owner General Engineering Consultant Fees During Construction - 7% of Base Construction Costs

Bridge Quantity and Cost Sample

CURRENT YEAR ESTIMATE DATE: 2024

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST
400-2-10	Concrete Class II, Approach Slabs	123	CU YD	$1,144.68	$140,452.00
400-4-4	Concrete Class IV, Bridge Superstructure	357	CU YD	$1,870.33	$668,268.00
400-4-5	Concrete Class IV, Bridge Substructure	253	CU YD	$1,509.00	$381,927.00
400-4-25	Concrete Class IV, Mass, Substructure	278	CU YD	$1,530.67	$425,986.00
400-7-1	Bridge Deck Grooving	560	SQ YD	$19.25	$10,782.00
400-9-1	Bridge Deck Planing	560	SQ YD	$16.27	$9,110.00
415-1-4	Reinforcing Steel - Bridge Superstructure	78,603	LB	$3.39	$266,594.00
415-1-5	Reinforcing Steel - Bridge Substructure	114,225	LB	$2.58	$294,913.00
415-1-9	Reinforcing Steel - Approach Slabs	24,531	LB	$3.39	$83,202.00
458-1-11	Bridge Deck Expansion Joint, New Construction, F&I Poured Joint with Backer Rod	103	LF	$320.17	$32,977.00
521-5-12	Concrete Traffic Railing - Bridge, 36" Median Single-Slope	165	LF	$159.45	$26,310.00
521-5-13	Concrete Traffic Railing - Bridge, 36" Single Slope	330	LF	$159.45	$52,619.00
530-3-3	Riprap - Rubble (Bank & Shore)	876	TN	$328.84	$288,067.00
530-74	Bedding Stone	326	TN	$205.35	$66,986.00
				TOTAL:	$2,748,193.00

SQUARE FOOT COST

Total Area of Deck = 5530 ft^2

Cost per SF = $497.00 =(TOTAL/ Total Area of Deck)

Attachment E

Right of Way Cost Estimates

Alternative B1 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	National Land Trust Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Mastic Trail Impact (LF)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
27D513	-	Structure	Partial		18,005.60	-	-	-	18,005.60	-	-	$5.00	$90,028.00
31A131	-	Vacant	Partial		219,772.78	-	-	-	219,772.78	-	-	$0.75	$164,829.59
31A130	-	Vacant	Partial		61,763.30	-	-	-	61,763.30	-	-	$3.00	$185,289.90
31A164	-	Vacant	Partial		91,883.41	-	-	-	91,883.41	-	-	$3.00	$275,650.23
31A29	-	Vacant	Partial		459,897.72	-	-	-	459,897.72	-	-	$2.00	$919,795.44
31A30	-	Vacant	Partial		301,965.96	-	-	-	301,965.96	-	-	$2.00	$603,931.92
31A31	-	Vacant	Partial		233,075.93	-	-	-	233,075.93	-	-	$0.75	$174,806.95
31A168	-	Vacant	Partial		25,234.20	-	-	-	25,234.20	-	-	$1.00	$25,234.20
31A2	-	Vacant	Full		234,998.33	-	1,060.04	-	236,058.37	-	-	$0.75	$177,043.78
31A3	-	Vacant	Partial		31,332.78	-	24,477.80	-	55,810.58	-	-	$0.75	$41,857.94
31A169	-	Vacant	Partial		5,013.91	-	-	-	5,013.91	-	-	$1.00	$5,013.91
36A2	-	Vacant	Partial		-	54,805.67	6,695.63	-	61,501.30	-	-	$0.75	$46,125.98
36A3	-	Vacant	Partial		-	355,376.16	270,158.20	-	355,376.16	-	-	$2.00	$710,752.32
37A8	-	Vacant	Partial		21,927.43	-	6,263.28	-	28,190.71	-	-	$3.00	$84,572.13
37A7	-	Vacant	Partial		103,733.10	-	7,558.31	-	111,291.41	-	-	$3.00	$333,874.23
37A128	-	Vacant	Partial		28,412.83	-	-	-	28,412.83	-	-	$0.00	$0.00
37A184	-	Vacant	Partial		104,645.65	-	208,120.85	-	312,766.50	-	-	$0.00	$0.00
37A74	-	Structure	Partial		8,501.76	-	6,955.65	-	15,457.41	-	-	$2.50	$38,643.53
37A13	-	Vacant	Partial		29,324.98	-	149,095.93	-	178,420.91	-	-	$2.50	$446,052.28
43A54	-	Vacant	Partial		20,275.65	-	281,587.25	-	301,862.90	-	-	$2.50	$754,657.25
43A44	-	Structure	Partial		3,825.63	-	-	-	3,825.63	-	-	$4.00	$15,302.52
43A43	-	Vacant	Partial		128,762.68	-	6,232.60	-	134,995.28	-	-	$2.50	$337,488.20
43A409REM2	-	Vacant	Partial		242,728.73	-	16,821.00	-	259,549.73	-	-	$2.00	$519,099.46
42A1	-	Vacant	Partial		-	5,618.06	2,084.60	-	5,618.06	-	-	$0.75	$4,213.55
43A7	-	Vacant	Partial		-	-	34,127.35	-	34,127.35	-	-	$0.75	$25,595.51
42A2	-	Vacant	Partial		-	209,727.45	209,727.45	-	209,727.45	74,588.38	-	$0.75	$157,295.59
42A3	-	Vacant	Partial		-	477,805.24	436,493.75	-	477,805.24	340,729.85	-	$0.50	$238,902.62
42A10	-	Vacant	Partial		-	42,954.02	42,954.02	-	42,954.02	-	-	$3.00	$128,862.06
42A14	-	Vacant	Partial		-	70,010.31	70,010.31	-	70,010.31	13,450.10	-	$2.00	$140,020.62
43A417	-	Vacant	Partial		-	188,882.86	188,882.86	-	188,882.86	-	-	$2.00	$377,765.72
43A421	-	Vacant	Partial		-	34,074.32	34,074.32	-	34,074.32	-	-	$3.00	$102,222.96
43A422	-	Vacant	Partial		-	33,804.80	33,804.80	-	33,804.80	-	-	$3.00	$101,414.40
43A419	-	Vacant	Partial		-	67,775.67	67,775.67	-	67,775.67	-	-	$3.00	$203,327.01
43A420	-	Vacant	Partial		-	122,293.67	115,222.51	-	122,293.67	-	-	$3.00	$366,881.01
47A1	-	Vacant	Partial		-	171,943.15	168,993.72	-	171,943.15	-	-	$2.00	$343,886.30
47A10	-	Vacant	Partial		-	3,947.80	3,916.73	-	3,947.80	-	-	$1.00	$3,947.80
47A2	-	Vacant	Partial		-	280,587.27	248,516.16	-	280,587.27	-	-	$0.50	$140,293.64
47A5	-	Vacant	Partial		-	234,711.94	234,711.94	-	234,711.94	-	-	$0.50	$117,355.97
47A7	-	Vacant	Partial		130,077.01	-	508,969.05	-	639,046.06	121,926.51	-	$0.50	$319,523.03
47A43	-	Vacant	Partial		-	31,043.91	-	-	31,043.91	-	-	$1.00	$31,043.91

Alternative B1 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	National Land Trust Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Mastic Trail Impact (LF)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
47A42	-	Vacant	Partial		-	11,170.14	-	-	11,170.14	-	-	$1.00	$11,170.14
47A38	-	Vacant	Partial		350,690.01	46,262.76	-	-	396,952.77	-	-	$0.50	$198,476.39
51A24	-	Vacant	Partial		-	188,033.12	-	-	188,033.12	-	-	$0.50	$94,016.56
51A15	-	Vacant	Partial		-	342,473.19	-	-	342,473.19	116,551.94	-	$0.50	$171,236.60
51A16	-	Vacant	Partial		-	117,330.82	-	-	117,330.82	90,212.37	-	$0.50	$58,665.41
51A18	-	Vacant	Partial		-	227,974.40	-	-	227,974.40	26,528.49	-	$0.50	$113,987.20
51A26	-	Vacant	Partial		494,347.16	4,071.44	339,416.01	-	837,834.61	237,601.10	-	$0.50	$418,917.31
55A277	-	Vacant	Partial		427,965.24	-	212,850.19	-	640,815.43	-	-	$0.50	$320,407.72
55A273	-	Vacant	Partial		76,764.39	-	-	-	76,764.39	-	-	$2.00	$153,528.78
55A30	-	Vacant	Partial		93,538.54	-	-	-	93,538.54	10,204.74	-	$2.00	$187,077.08
55A272	-	Vacant	Partial		24,544.14	-	-	-	24,544.14	-	-	$2.00	$49,088.28
55A31	-	Vacant	Full		32,756.03	-	-	-	44,906.52	12,150.49	65.29	$2.00	$89,813.04
55A7	-	Vacant	Partial		13,291.54	-	-	-	13,291.54	-	128.74	$2.00	$26,583.08
54A28	-	Vacant	Partial		705,009.23	-	-	-	754,144.45	49,135.22	77.10	$0.50	$377,072.23
54A24	-	Vacant	Partial		-	-	-	23,895.06	23,895.06	-	-	$0.50	$11,947.53
54A43	-	Vacant	Partial		27,524.53	-	-	27,524.53	27,524.53	-	-	$1.00	$27,524.53
54A44	-	Vacant	Partial		-	-	-	65,764.71	65,764.71	3,604.18	-	$1.00	$65,764.71
54A45	-	Vacant	Partial		-	-	-	116,592.90	116,592.90	37,184.82	-	$1.00	$116,592.90
54A46	-	Vacant	Partial		-	-	-	96,487.34	96,487.34	105,116.39	-	$1.00	$96,487.34
54A56	-	Vacant	Partial		99,173.89	-	-	-	99,173.89	22,135.46	-	$1.00	$99,173.89
54A54	-	Vacant	Partial		704.41	-	-	-	704.41	-	-	$1.00	$704.41
58A25	-	Vacant	Partial		169,836.44	-	-	-	170,558.93	722.49	-	$2.50	$426,397.33
58A24	-	Vacant	Partial		43,187.47	-	-	-	43,187.47	-	-	$2.50	$107,968.68
58A152	-	Vacant	Partial		380.86	-	-	-	380.86	-	-	$6.00	$2,285.16
58A151	Commercial	Structure	Partial		740.56	-	-	-	740.56	-	-	$1.00	$740.56
58A111	-	Vacant	Partial		6,909.36	-	-	-	6,909.36	-	-	$1.00	$6,909.36
51A27	-	Vacant	Partial		19,006.67	-	-	-	19,006.67	-	-	$0.50	$9,503.34
55A277	-	-	-		-	-	-	-	-	-	-	$0.50	$0.00
55A5	-	Vacant	Partial		353,631.46	-	-	-	353,631.46	-	-	$1.00	$353,631.46
55A19	-	Vacant	Partial		23,659.54	-	-	-	23,659.54	-	-	$1.00	$23,659.54
55A59	-	Vacant	Partial		123,938.17	-	-	-	123,938.17	46,405.50	-	$1.00	$123,938.17
55A60	-	Structure	Partial		106,096.84	-	-	-	106,096.84	-	-	$1.00	$106,096.84
55A129	Residential	Vacant	Partial		629.08	-	-	-	629.08	-	-	$6.00	$3,774.48
55A17	School	Structure	Partial		29,765.05	-	-	-	29,765.05	-	-	$0.00	$0.00
55A107	Commercial	Structure	Partial		48,113.26	-	-	-	48,113.26	-	-	$6.00	$288,679.56
55A171	-	Structure	Partial	x	26,920.20	-	-	-	26,920.20	-	-	$6.00	$161,521.20
55A172	-	Vacant	Partial		48,386.14	-	-	-	48,386.14	-	-	$6.00	$290,316.84
55A16	Fire Station	Structure	Full	x	114,660.40	-	-	-	188,916.48	74,256.08	-	$0.00	$120,000.00
59A21	-	Vacant	Partial		15,275.53	-	-	-	15,275.53	-	-	$2.00	$30,551.06
								TOTAL =	11,554,518.91			TOTAL =	$13,496,810.09
												WILL T Connector SUBTOTAL =	$5,439,046.32
												TOTAL =	$18,935,856.41

Alternative B2 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
27D513	-	Structure	Partial		18,005.60	-	-	18,005.60	-	$5.00	$90,028.00
31A131	-	Vacant	Partial		219,772.78	-	-	219,772.78	-	$0.75	$164,829.59
31A130	-	Vacant	Partial		61,763.30	-	-	61,763.30	-	$3.00	$185,289.90
31A164	-	Vacant	Partial		91,883.41	-	-	91,883.41	-	$3.00	$275,650.23
31A29	-	Vacant	Partial		425,628.50	-	-	425,628.50	-	$2.00	$851,257.00
31A30	-	Vacant	Partial		298,453.99	-	-	298,453.99	-	$2.00	$596,907.98
31A31	-	Vacant	Partial		233,075.93	-	-	233,075.93	-	$0.75	$174,806.95
31A168	-	Vacant	Partial		25,234.20	-	-	25,234.20	-	$1.00	$25,234.20
31A2	-	Vacant	Full		234,998.33	-	1,060.04	234,998.33	-	$0.75	$176,248.75
31A3	-	Vacant	Partial		31,312.17	-	24,477.80	55,789.97	-	$0.75	$41,842.48
31A169	-	Vacant	Partial		5,013.91	-		5,013.91	-	$1.00	$5,013.91
36A2	-	Vacant	Partial		-	54,835.27	6,695.63	61,530.90	-	$0.75	$46,148.18
36A3	-	Vacant	Partial		-	85,206.72	270,158.20	355,364.92	-	$2.00	$710,729.84
37A8	-	Vacant	Partial		21,927.43	-	6,263.28	28,190.71	-	$3.00	$84,572.13
37A7	-	Vacant	Partial		103,733.10	-	7,558.31	111,291.41	-	$3.00	$333,874.23
37A128	-	Vacant	Partial		28,412.83	-	-	28,412.83	-	$0.00	$0.00
37A184	-	Vacant	Partial		104,645.65	-	208,120.85	312,766.50	-	$0.00	$0.00
37A74	-	Structure	Partial		8,501.76	-	6,955.65	15,457.41	-	$2.50	$38,643.53
37A13	-	Vacant	Partial		29,324.98	-	149,095.93	178,420.91	-	$2.50	$446,052.28
43A54	-	Vacant	Partial		20,275.65	-	281,587.25	301,862.90	-	$2.50	$754,657.25
43A43	-	Vacant	Partial		125,499.59	-	1,476.67	126,976.26	-	$2.50	$317,440.65
43A44	-	Vacant	Partial		3,825.63	-	-	3,825.63	-	$4.00	$15,302.52
43A409REM2	-	Vacant	Partial		242,728.73	-	16,821.00	259,549.73	-	$2.00	$519,099.46
42A1	-	Vacant	Partial		-	5,618.06	2,084.60	5,618.06	-	$0.75	$4,213.55
43A7	-	Vacant	Partial		-	-	34,127.35	34,127.35	-	$0.75	$25,595.51
42A2	-	Vacant	Partial		-	209,727.45	209,727.45	209,727.45	74,588.38	$0.75	$157,295.59
42A3	-	Vacant	Partial		-	479,399.95	438,063.62	479,399.95	347,336.38	$0.50	$239,699.98
42A10	-	Vacant	Partial		-	68,139.24	68,139.24	68,139.24	-	$3.00	$204,417.72
42A14	-	Vacant	Partial		-	83,953.00	83,953.00	83,953.00	26,270.53	$2.00	$167,906.00
43A417	-	Vacant	Partial		-	148,664.81	148,664.81	148,664.81	36,472.34	$2.00	$297,329.62

Alternative B2 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
43A421	-	Vacant	Partial		-	34,178.83	34,178.83	34,178.83	34,862.00	$3.00	$102,536.49
43A422	-	Vacant	Partial		-	33,960.96	33,960.96	33,960.96	46,956.19	$3.00	$101,882.88
43A419	-	Vacant	Partial		-	67,865.33	67,865.33	67,865.33	130,564.85	$3.00	$203,595.99
43A420	-	Vacant	Partial		-	120,997.86	114,613.73	120,997.86	-	$3.00	$362,993.58
47A1	-	Vacant	Partial		-	172,922.84	162,782.22	172,922.84	-	$2.00	$345,845.68
47A10	-	Vacant	Partial		219,918.83	-	39,842.23	259,761.06	-	$0.50	$129,880.53
47A11	-	Vacant	Partial		26,682.47	-	-	26,682.47	-	$1.00	$26,682.47
47A45	-	Vacant	Partial		99,494.23	-	-	99,494.23	73,617.99	$2.00	$198,988.46
48C271	-	Vacant	Partial		303,464.53	-	-	303,464.53	-	$1.00	$303,464.53
47A36	-	Vacant	Partial		301,272.15	-	-	301,272.15	-	$2.00	$602,544.30
47A8	Quarry	Vacant	Partial		9,275.93	-	-	9,275.93	-	$2.00	$18,551.86
47A37	Quarry	Vacant	Partial		598,449.98	-	-	643,668.99	45,219.01	$0.50	$321,834.50
48C282	-	Vacant	Partial		14,243.82	-	-	23,799.78	9,555.96	$1.00	$23,799.78
47A38	Quarry	Vacant	Partial		48,645.41	-	-	48,645.41	629.90	$2.00	$97,290.82
51A22	-	Vacant	Partial		54,081.75	106,657.84	134,639.43	281,873.07	27,200.05	$0.50	$140,936.54
51A23	-	Vacant	Partial		-	60,582.82	-	60,582.82	-	$1.00	$60,582.82
51A20	-	Vacant	Partial		5,347.13	144,549.03	88,441.52	166,461.12	40,072.49	$3.00	$499,383.36
51A19	-	Vacant	Partial		-	6,656.90	-	6,656.90	-	$3.00	$19,970.70
51A18	-	Vacant	Partial		-	312,679.90	165,707.82	312,679.90	180,752.77	$0.50	$156,339.95
51A28	-	Vacant	Partial		177,336.24	-	185,694.95	380,596.39	17,565.20	$0.50	$190,298.20
51A27	-	Vacant	Partial		300,305.39	-	-	300,305.39	-	$0.50	$150,152.70
55A277	-	Vacant	Partial		226,743.00	-	-	226,743.00	-	$0.50	$113,371.50
55A6	-	Vacant	Partial		45,328.42	-	-	45,328.42	-		$0.00
55A328	-	Vacant	Partial		115,035.74	-	-	115,035.74	-		$0.00
55A5	-	Vacant	Partial		194,254.00	-	-	194,254.00	-	$1.00	$194,254.00
55A59	-	Vacant	Partial		136,897.37	-	-	136,897.37	-	$1.00	$136,897.37
55A60	-	Structure	Partial	x	105,548.04	-	-	105,548.04		$1.00	$300,000.00
55A129	Residential	Vacant	Partial		2,983.21	-	-	2,983.21	-	$6.00	$17,899.26
55A17	School	Structure	Partial		15,366.97	-	-	15,366.97	-	$0.00	$0.00
55A107	Commercial	Structure	Partial		50,833.30	-	-	50,833.30	-	$6.00	$304,999.80
55A171	-	Structure	Partial	x	26,894.14	-	-	26,894.14	-		$250,000.00
55A172	-	Vacant	Partial		45,594.94	-	-	45,594.94	-	$6.00	$273,569.64
55A16	Fire Station	Structure	Full	x	81,799.21	-	-	188,916.47	107,117.26	$0.00	$0.00
59A21	-	Vacant	Partial		15,275.53	-	-	15,275.53	-	$2.00	$30,551.06
							TOTAL =	9,307,716.98		TOTAL =	$12,629,185.74
										WILL T Connector SUBTOTAL =	$5,439,046.32
										TOTAL =	$18,068,232.06

Alternative B3 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
27D513	-	Structure	Partial		18,005.60	-	-	18,005.60	-	$5.00	$90,028.00
31A131	-	Vacant	Partial		219,772.78	-	-	219,772.78	-	$0.75	$164,829.59
31A130	-	Vacant	Partial		61,763.30	-	-	61,763.30	-	$3.00	$185,289.90
31A164	-	Vacant	Partial		91,883.41	-	-	91,883.41	-	$3.00	$275,650.23
31A29	-	Vacant	Partial		459,897.72	-	-	459,897.72	-	$2.00	$919,795.44
31A30	-	Vacant	Partial		301,965.96	-	-	301,965.96	-	$2.00	$603,931.92
31A31	-	Vacant	Partial		233,075.93	-	-	233,075.93	-	$0.75	$174,806.95
31A168	-	Vacant	Partial		25,234.20	-	-	25,234.20	-	$1.00	$25,234.20
31A2	-	Vacant	Full		234,998.33	-	1,060.04	234,998.33	-	$0.75	$176,248.75
31A3	-	Vacant	Partial		31,312.17	-	24,477.80	55,789.97	-	$0.75	$41,842.48
31A169	-	Vacant	Partial		5,013.91	-		5,013.91	-	$1.00	$5,013.91
36A2	-	Vacant	Partial		-	54,805.61	6,695.63	61,501.24	-	$0.75	$46,125.93
36A3	-	Vacant	Partial		-	85,206.72	270,158.20	355,364.92	-	$2.00	$710,729.84
37A8	-	Vacant	Partial		21,927.43	-	6,263.28	28,190.71	-	$3.00	$84,572.13
37A7	-	Vacant	Partial		103,733.10	-	7,558.31	111,291.41	-	$3.00	$333,874.23
37A128	-	Vacant	Partial		28,412.83	-	-	28,412.83	-	$0.00	$0.00
37A184	-	Vacant	Partial		104,645.65	-	208,120.85	312,766.50	-	$0.00	$0.00
37A74	-	Structure	Partial		8,501.76	-	6,955.65	15,457.41	-	$2.50	$38,643.53
37A13	-	Vacant	Partial		29,324.98	-	149,095.93	178,420.91	-	$2.50	$446,052.28
43A54	-	Vacant	Partial		20,275.65	-	277,303.17	297,578.82	-	$2.50	$743,947.05
43A43	-	Vacant	Partial		128,762.68	-	1,476.67	130,239.35	-	$2.50	$325,598.38
43A44	-	Structure	Partial		3,825.63	-	-	3,825.63	-	$4.00	$15,302.52
43A409REM2	-	Vacant	Partial		242,728.73	-	16,821.00	259,549.73	-	$2.00	$519,099.46
42A1	-	Vacant	Partial		-	5,618.06	2,084.60	5,618.06	-	$0.75	$4,213.55
43A7	-	Vacant	Partial		-	-	34,127.35	34,127.35	-	$0.75	$25,595.51
42A2	-	Vacant	Partial		-	209,727.45	209,727.45	209,727.45	74,588.38	$0.75	$157,295.59
42A3	-	Vacant	Partial		-	477,805.24	436,493.75	477,805.24	340,729.85	$0.50	$238,902.62
42A10	-	Vacant	Partial		-	42,954.02	42,954.02	42,954.02	-	$3.00	$128,862.06
42A14	-	Vacant	Partial		-	70,010.31	70,010.31	70,010.31	13,450.10	$2.00	$140,020.62
43A417	-	Vacant	Partial		-	188,882.86	188,882.86	188,882.86	-	$2.00	$377,765.72
43A421	-	Vacant	Partial		-	34,074.32	34,074.32	34,074.32	-	$3.00	$102,222.96
43A422	-	Vacant	Partial		-	33,804.80	33,804.80	33,804.80	-	$3.00	$101,414.40

Alternative B3 - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Structure Impacted (x-Impacted)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Total Impacts (sqft)	Incidental Impact (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
43A419	-	Vacant	Partial		-	67,775.67	67,775.67	67,775.67	-	$3.00	$203,327.01
43A420	-	Vacant	Partial		-	122,293.67	115,222.51	122,293.67	-	$3.00	$366,881.01
47A1	-	Vacant	Partial		-	171,943.15	168,993.72	171,943.15	-	$2.00	$343,886.30
47A10	-	Vacant	Partial		-	3,947.80	3,916.73	3,947.80	-	$1.00	$3,947.80
47A2	-	Vacant	Partial		-	280,587.27	248,516.16	280,587.27	-	$0.50	$140,293.64
47A5	-	Vacant	Partial		-	234,711.94	234,711.94	234,711.94	-	$0.50	$117,355.97
47A7	-	Vacant	Partial		130,077.01	-	508,969.05	760,972.57	121,926.51	$0.50	$380,486.29
47A43	-	Vacant	Partial		-	31,043.91	-	31,043.91	-	$1.00	$31,043.91
47A42	-	Vacant	Partial		-	11,170.14	-	11,170.14	-	$1.00	$11,170.14
47A38	-	Vacant	Partial		350,690.01	46,059.65	-	396,749.66	-	$0.50	$198,374.83
51A24	-	Vacant	Partial		-	188,033.12	-	188,033.12	-	$0.50	$94,016.56
51A15	-	Vacant	Partial		-	342,473.19	-	459,025.13	116,551.94	$0.50	$229,512.57
51A16	-	Vacant	Partial		-	117,327.99	-	207,543.19	90,215.20	$0.50	$103,771.60
51A18	-	Vacant	Partial		-	230,591.56	-	260,402.26	29,810.70	$0.50	$130,201.13
51A26	-	Vacant	Partial		185,848.25	-	188,571.94	374,420.19	-	$0.50	$187,210.10
51A27	-	Vacant	Partial		373,804.83	-	81,514.43	474,729.70	19,410.44	$0.50	$237,364.85
55A277	-	Vacant	Partial		250,636.85	-	-	250,636.85	-	$0.50	$125,318.43
55A5	-	Vacant	Partial		363,596.39	-	-	363,596.39	-	$1.00	$363,596.39
55A19	-	Vacant	Partial		25,932.22	-	-	25,932.22	-	$1.00	$25,932.22
55A59	-	Vacant	Partial		121,990.40	-	-	121,990.40	-	$1.00	$121,990.40
55A60	-	Structure	Partial		105,641.92	-	-	105,641.92	-	$1.00	$20,000.00
55A129	Residential	Vacant	Partial		470.00	-	-	470.00	-	$6.00	$2,820.00
55A17	School	Structure	Partial		32,719.00	-	-	32,719.00	-	$0.00	$0.00
55A107	Commercial	Structure	Partial		47,419.98	-	-	47,419.98	-	$6.00	$284,519.88
55A171	-	Structure	Partial	x	26,601.70	-	-	26,601.70	-		$250,000.00
55A172	-	Vacant	Partial		47,944.29	-	-	47,944.29	-	$6.00	$287,665.74
55A16	Fire Station	Structure	Full	x	115,211.38	-	-	188,916.47	73,705.09	$0.00	$0.00
59A21	-	Vacant	Partial		15,275.53	-	-	15,275.53	-	$2.00	$30,551.06
							TOTAL =	9,859,499.10		SUBTOTAL =	$11,494,147.52
										WILL T Connector SUBTOTAL =	$5,439,046.32
										TOTAL =	$16,933,193.84

Will T Connector - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Incidental Impact (sqft)	Total Impacts (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
31A29	-	Vacant	Partial	61,154.47	-	-	-	61,154.47	$3.00	$183,463.41
31A9	-	Vacant	Partial	7,896.53	-	-	142,505.47	150,402.00	$2.00	$300,804.00
31A171	-	Vacant	Partial	29,101.46	-	-	12,626.18	41,727.64	$5.00	$208,638.20
31A76	Residential	Structure	Partial	6.33	-	-	-	6.33	$2.00	$12.66
31A75	Residential	Vacant	Partial	671.40	-	-	-	671.40	$7.00	$4,699.80
31A74	Residential	Vacant	Partial	2,680.47	-	-	-	2,680.47	$7.00	$18,763.29
31A90	Residential	Structure	Partial	549.55	-	-	-	549.55	$7.00	$3,846.85
31A170	Residential	Structure	Partial	27.41	-	-	-	27.41	$7.00	$191.87
31A73	Residential	Structure	Partial	315.24	-	-	-	315.24	$2.00	$630.48
31A38	Residential	Structure	Partial	1,860.57	-	-	-	1,860.57	$2.00	$3,721.14
31A68	Residential	Structure	Partial	645.61	-	-	-	645.61	$2.00	$1,291.22
31A123	Residential	Vacant	Full	405.04	-	-	-	405.04	$2.00	$810.08
31A122	Residential	Vacant	Partial	3,377.94	-	-	-	3,377.94	$7.00	$23,645.58
31A120	Residential	Vacant	Partial	862.34	-	-	-	862.34	$7.00	$6,036.38
31A116	Residential	Vacant	Partial	1,279.40	-	-	-	1,279.40	$7.00	$8,955.80
31A102	Residential	Structure	Partial	870.35	-	-	-	870.35	$2.00	$1,740.70
31A101	Residential	Structure	Partial	547.72	-	-	-	547.72	$2.00	$1,095.44
31A115	Residential	Vacant	Partial	1,375.00	-	-	-	1,375.00	$7.00	$9,625.00
31A114	Residential	Vacant	Partial	5,334.85	-	-	1,202.43	6,537.28	$7.00	$45,760.96
31A113	Residential	Vacant	Partial	3,219.26	-	-	-	3,219.26	$7.00	$22,534.82
37E196	Residential	Structure	Partial	690.46	-	-	-	690.46	$2.00	$1,380.92
31A112	Residential	Vacant	Partial	1,030.27	-	-	-	1,030.27	$7.00	$7,211.89
37E198	-	Vacant	Partial	44,323.52	-	-	39,457.61	83,781.13	$3.00	$251,343.39
Plum Tree Road										
38B382	Residential	Structure	Partial	1,730.97	-	-	-	1,730.97	$2.00	$3,461.94
38B438	Residential	Structure	Partial	1,549.52	-	-	-	1,549.52	$2.00	$3,099.04
38B383	Residential	Structure	Partial	1,104.32	-	-	-	1,104.32	$2.00	$2,208.64
38B315	Residential	Structure	Partial	1,035.39	-	-	-	1,035.39	-	$500,000.00
38B380	Residential	Structure	Partial	1,008.27	-	-	-	1,008.27	$2.00	$2,016.54
38B314	Residential	Vacant	Partial	1,010.62	-	-	-	1,010.62	$7.00	$7,074.34
38B369	Residential	Structure	Partial	960.99	-	-	-	960.99	$2.00	$1,921.98
38B188	Residential	Structure	Partial	999.41	-	-	-	999.41	$2.00	$1,998.82
38B370	Residential	Vacant	Partial	910.71	-	-	-	910.71	$7.00	$6,374.97
38B189	Residential	Structure	Partial	1,012.36	-	-	-	1,012.36	$2.00	$2,024.72
38B184	Residential	Structure	Partial	753.14	-	-	-	753.14	$2.00	$1,506.28
38B245	Residential	Structure	Partial	1,195.84	-	-	-	1,195.84	$2.00	$2,391.68
38B183	Residential	Structure	Partial	947.16	-	-	-	947.16	$2.00	$1,894.32

Will T Connector - Parcel Impacts

Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Incidental Impact (sqft)	Total Impacts (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
Northward Road										
38B354	Residential	Vacant	Partial	1,029.75	-	-	-	1,029.75	$8.00	$8,238.00
38B241	Residential	Structure	Partial	820.71	-	-	-	820.71	$2.00	$1,641.42
38B501	Residential	Structure	Partial	811.34	-	-	-	811.34	$2.00	$1,622.68
38B200	Residential	Vacant	Partial	726.52	-	-	-	726.52	$8.00	$5,812.16
37E93	Residential	Structure	Partial	1,039.81	-	-	-	1,039.81	$2.00	$2,079.62
37E33	Residential	Structure	Partial	647.58	-	-	-	647.58	$2.00	$1,295.16
37E92	Residential	Structure	Partial	697.85	-	-	-	697.85	$2.00	$1,395.70
37E32	Residential	Structure	Partial	1,073.89	-	-	-	1,073.89	$2.00	$2,147.78
Crysdel Road										
37A19	-	Vacant	Partial	32,226.70	-	-	-	32,226.70	$8.00	$257,813.60
37A20	-	Vacant	Partial	17,367.99	-	-	-	17,367.99	$8.00	$138,943.92
37A5	-	Vacant	Partial	55,475.51	-	-	-	55,475.51	$8.00	$443,804.08
37A77REM1	-	Structure	Partial	65,172.53	-	200.80	54,451.54	119,824.87	$8.00	$958,598.96
37E288	Residential	Vacant	Partial	1,566.61	-	-	-	1,566.61	$8.00	$12,532.88
37E289	Residential	Structure	Partial	1,979.59	-	-	-	1,979.59	$2.00	$3,959.18
37E290	Residential	Structure	Partial	1,060.11	-	-	-	1,060.11	$8.00	$8,480.88
37E291	Residential	Structure	Partial	532.12	-	-	-	532.12	$8.00	$4,256.96
37E292	Residential	Vacant	Partial	1,312.41	-	-	-	1,312.41	$8.00	$10,499.28
37E293	Residential	Vacant	Partial	0.93	-	-	-	0.93	$8.00	$7.44
36A3	-	Vacant	Partial		2,197.61	1,900.66	-	4,098.27	$8.00	$32,786.16
37A7	-	Vacant	Partial		296.01	-	-	296.01	$8.00	$2,368.08

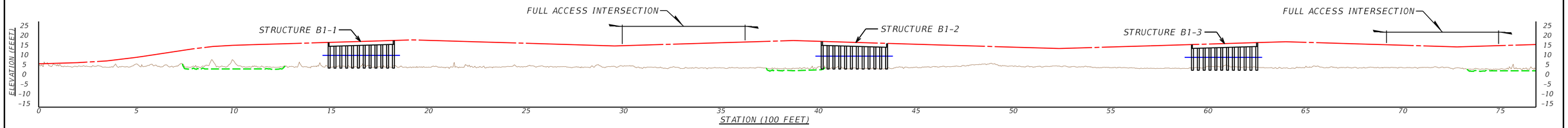
Will T Connector - Parcel Impacts

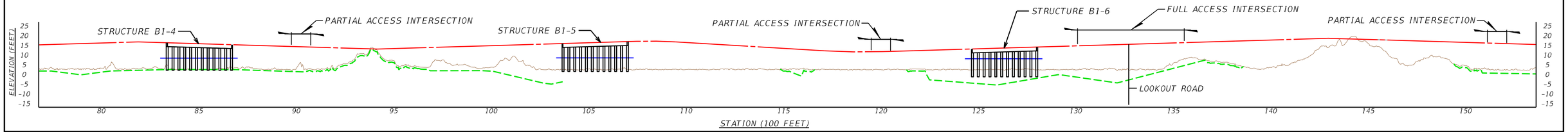
Land Reference Number	Parcel Type	Vacant/ Structure	Impact (Full/Partial)	Regular Impact Area (sqft)	Wetland Impact Area (sqft)	Habitat Impact Area (sqft)	Incidental Impact (sqft)	Total Impacts (sqft)	Rate Per Sq Foot ($CI/SF)	Value of Land Taken ($CI)
WEST STEM LEG										
31A21	-	Vacant	Partial	24,336.46	-	-		24,336.46	$6.00	$146,018.76
31A22	-	Vacant	Partial	27,441.29	-	-	21,992.79	49,434.08	$6.00	$296,604.48
31A12	-	Vacant	Partial	890.27	-	-	-	890.27	$7.00	$6,231.89
31A13	-	Vacant	Partial	4,331.92	-	-	-	4,331.92	$7.00	$30,323.44
31A14	-	Vacant	Partial	11,092.75	-	-	-	11,092.75	$7.00	$77,649.25
31A23	-	Vacant	Partial	4,572.58	-	-	-	4,572.58	$7.00	$32,008.06
31A24	-	Vacant	Partial	4,709.04	-	-	-	4,709.04	$7.00	$32,963.28
32C8	-	Vacant	Partial	7,239.84	-	-	-	7,239.84	$7.00	$50,678.88
32C61	-	Vacant	Partial	5,207.09	-	-	-	5,207.09	$7.00	$36,449.63
32C117REM2	-	Vacant	Full	14,293.68	-	-	3,724.44	18,018.12	$2.00	$36,036.24
32C62	-	Vacant	Partial	6,687.78	-	-	-	6,687.78	$7.00	$46,814.46
32C63	-	Structure	Partial	10,771.54	-	-	-	10,771.54	$7.00	$75,400.78
32C486	Residential	Structure	Partial	2,493.39	-	-	-	2,493.39	$2.00	$4,986.78
32C487	Residential	Vacant	Partial	1,753.43	-	-	-	1,753.43	$7.00	$12,274.01
32C261	Residential	Structure	Partial	4,762.52	-	-	-	4,762.52	$2.00	$9,525.04
32C398	Residential	Structure	Full	7,256.29	-	-	29,642.95	36,899.24	-	$800,000.00
Shamrock Road - Eastern Leg										
31A3	-	Vacant	Partial	81,549.20	-	-	-	81,549.20	$1.00	$81,549.20
37E210REM1	-	Vacant	Partial	22,283.71	-	-	16,951.96	39,235.67	$3.00	$117,707.01
37E223	Residential	Structure	Partial	230.23	-	-	-	230.23	$2.00	$460.46
37E224	Residential	Structure	Partial	2,218.10	-	-	-	2,218.10	$2.00	$4,436.20
37E225	Residential	Structure	Partial	233.69	-	-	-	233.69	$2.00	$467.38
							TOTAL =	937,491.09	TOTAL =	$5,439,046.32

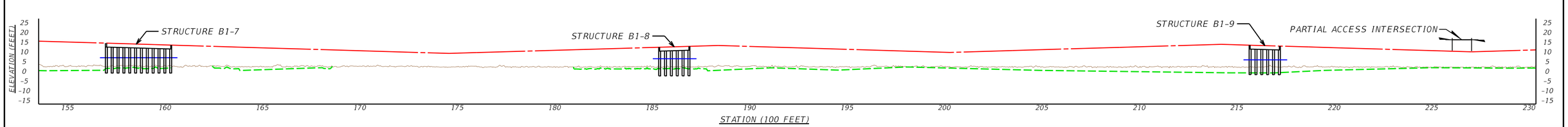
Attachment F

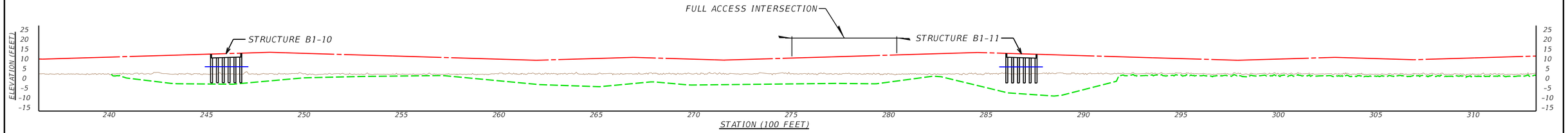
Preliminary Profiles

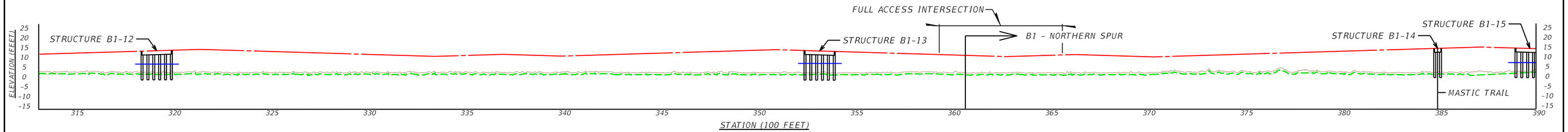
ALTERNATIVE B1 PROFILE

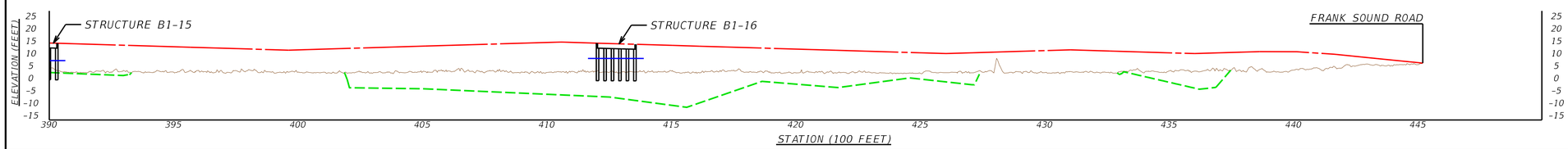


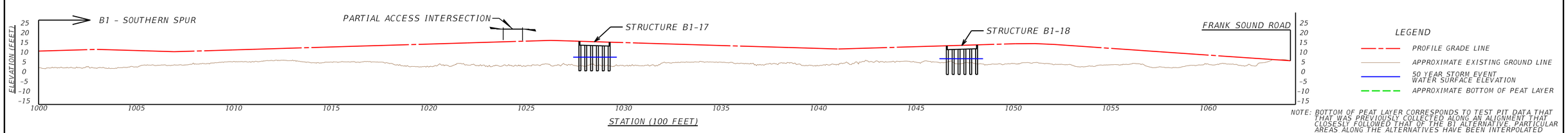






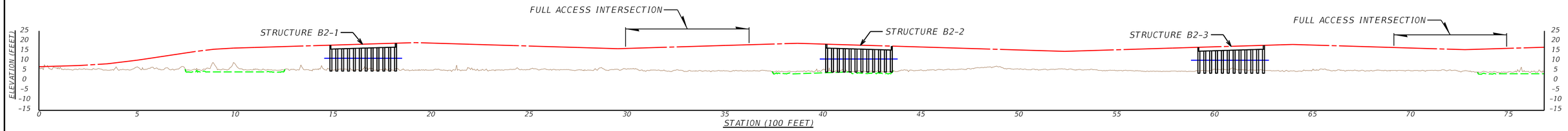


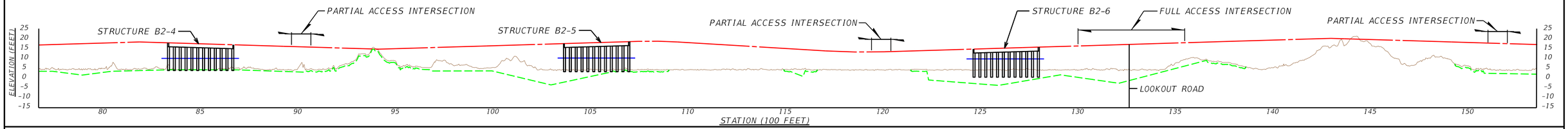


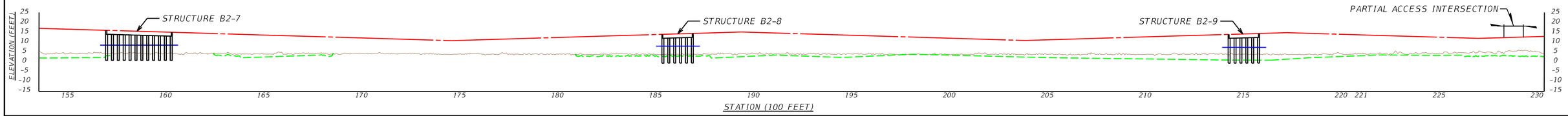


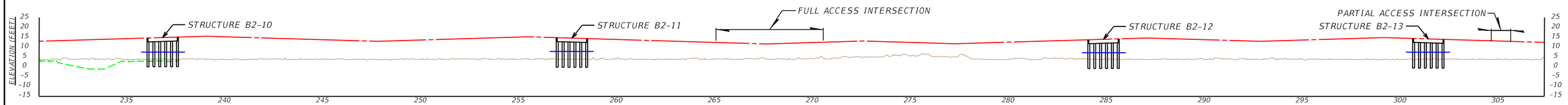
NOTE: BOTTOM OF PEAT LAYER CORRESPONDS TO TEST PIT DATA THAT THAT WAS PREVIOUSLY COLLECTED ALONG AN ALIGNMENT THAT CLOSESLY FOLLOWED THAT OF THE B1 ALTERNATIVE. PARTICULAR AREAS ALONG THE ALTERNATIVES HAVE BEEN INTERPOLATED OR PROJECTED FROM THIS DATA.

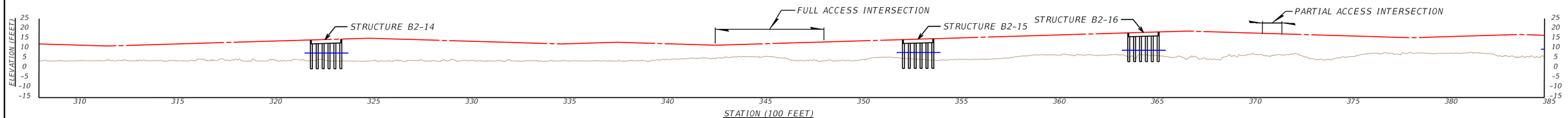
ALTERNATIVE B2 PROFILE

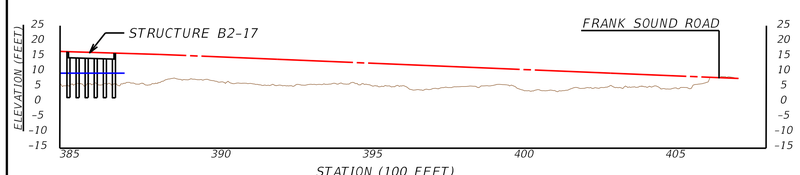










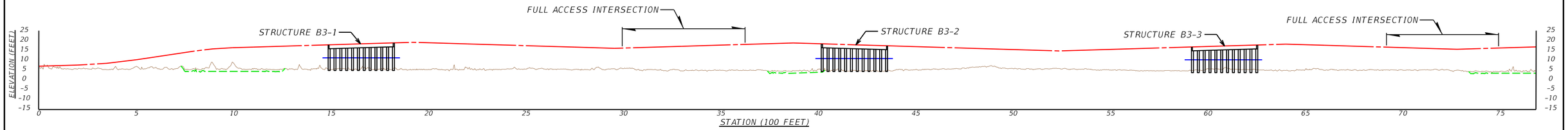


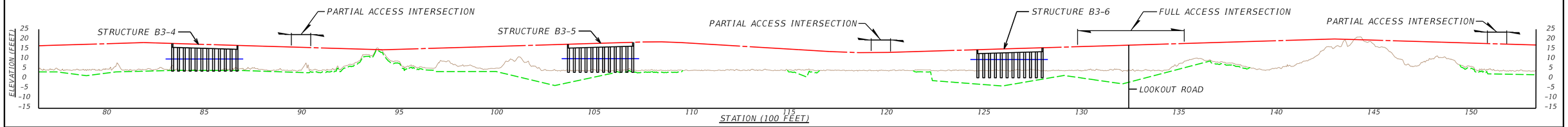
LEGEND

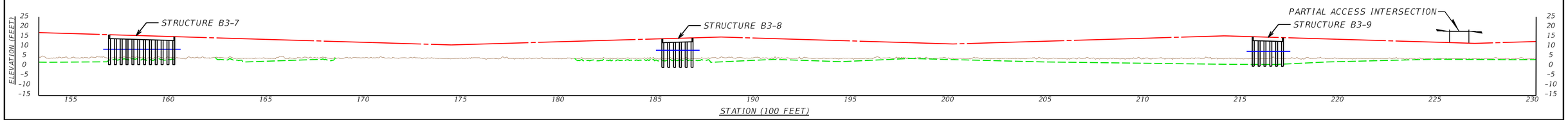
- PROFILE GRADE LINE
- APPROXIMATE EXISTING GROUND LINE
- 50 YEAR STORM EVENT WATER SURFACE ELEVATION
- APPROXIMATE BOTTOM OF PEAT LAYER

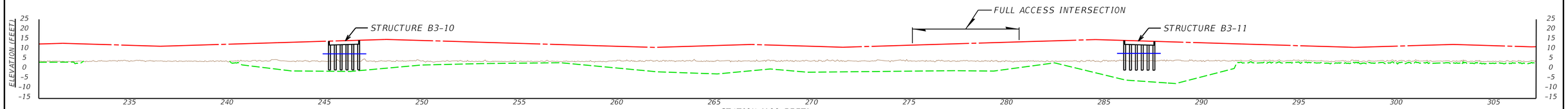
NOTE: BOTTOM OF PEAT LAYER CORRESPONDS TO TEST PIT DATA THAT THAT WAS PREVIOUSLY COLLECTED ALONG AN ALIGNMENT THAT CLOSESLY FOLLOWED THAT OF THE B1 ALTERNATIVE. PARTICULAR AREAS ALONG THE ALTERNATIVES HAVE BEEN INTERPOLATED OR PROJECTED FROM THIS DATA.

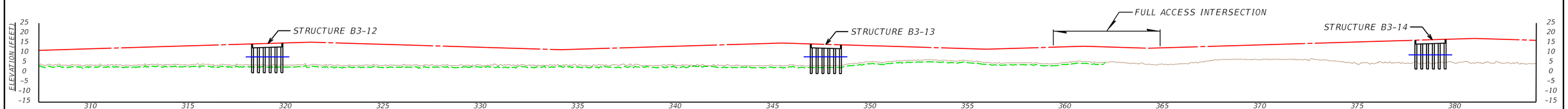
ALTERNATIVE B3 PROFILE

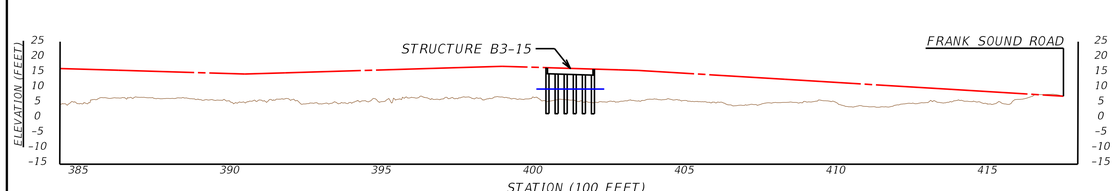












LEGEND

- PROFILE GRADE LINE
- APPROXIMATE EXISTING GROUND LINE
- 50 YEAR STORM EVENT WATER SURFACE ELEVATION
- APPROXIMATE BOTTOM OF PEAT LAYER

NOTE: BOTTOM OF PEAT LAYER CORRESPONDS TO TEST PIT DATA THAT THAT WAS PREVIOUSLY COLLECTED ALONG AN ALIGNMENT THAT CLOSESLY FOLLOWED THAT OF THE B1 ALTERNATIVE. PARTICULAR AREAS ALONG THE ALTERNATIVES HAVE BEEN INTERPOLATED OR PROJECTED FROM THIS DATA.