

**29. ENERGY**

- A. Provide a projection of the average daily energy demands at the end of each development phase for each of the following: electrical power, gas, oil, and coal. For electrical power, also provide the peak hour demand at the end of each phase.**

The projected average daily electrical demands for the Project are summarized in **Table 29.1 (R) – Projected Electrical Energy Demand**. Based upon the Maximum Impact Development Scenario (MIDS), the Project will have a cumulative total daily demand of 391,607 KWH and a cumulative total Peak Hour Demand of 30,715 KWH.

<b>Table 29.1 (R) Projected Electrical Energy Demand</b>						
<b>Land Use</b>	<b>Intensity</b>		<b>Cumulative Total Daily Energy Demand (KWH)</b>		<b>Cumulative Total Peak Hour Demand (KWH)</b>	
Warehouse/Flex	4,300,000	Sq.Ft.	317,340	KWH	24,811	KWH
General Office	750,000	Sq.Ft.	55,350	KWH	4,327	KWH
Retail	350,000	Sq.Ft.	18,900	KWH	1,575	KWH
Hotel	350	Room	17	KWH	1	KWH
Total for Project			391,607	KWH	30,715	KWH

Source: The Curtis Group

- B. If there is to be an on-site generating facility (post-construction) describe its proposed capacity and use.**

No on-site electrical generating facilities are proposed.

- C. If energy (electrical power, natural gas, etc.) is to be obtained from an off-site source, attach a letter from the firms or agencies providing service outlining:**

- 1. The projected excess capacities of the facilities and transmission line to which connection will be made at present and for each phase through completion of the project,**
- 2. Any other commitments that have been made for this excess capacity,**
- 3. A statement of the supplier’s ability to provide service at all times during and after development. (The supplier must be provided with demand information in (A) above.)**

**Exhibit 29.1 (R2) – Letter to and from Florida Power and Light (FPL)**, includes a letter from FPL acknowledging the proposed Development and providing information indicating whether present facilities can serve the Development and specifying the necessary improvements required to provide services to the Project.

- D. Describe any energy conservation methods or devices incorporated into the plan of development. What considerations relative to energy conservation will be incorporated into the site planning, landscape, and building design, and**

**equipment and lighting selection for this project?**

The following energy conservation measures may be incorporated into site planning, building design, and equipment selection where feasible:

- Integrated landscaping along streets, building and parking areas can reduce heat gain from paved and impervious areas.
- All building design and construction for the Project will meet applicable requirements of the South Florida Building Code and the Florida Energy Efficient Building Code.

**Exhibit 29.1 (R2)**

**Letter to and from Florida Power and Light**