

REDACTED

090007-EI

EXHIBIT B

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DOCUMENT NUMBER-DATE

03510 APR 16 8

FPSC-COMMISSION CLERK

Solar Project Name : Space Coast (NASA)
Estimated Data

Florida Power & Light Company
Docket No. 090007-EI
Staff's First Set of Interrogatories
Question No. 10
Table 1-1
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CONFIDENTIAL

	A	B	C
1	Cost data		
2		Fixed Array	Tracking
3	Incremental Gross Capacity (MW)	10	Not Applicable
4	Incremental Net Capacity (MW)	10	Not Applicable
5	Construction start date ⁽¹⁾	2009	Not Applicable
6	In-service date	2010	Not Applicable
7	Useful life (years)	30	Not Applicable
8	Total Site area	60 acres	Not Applicable
9	Overnight construction costs (\$/kw) ⁽²⁾	7,790	Not Applicable
10	Return on investment (before in-service date) \$	3,322,454	Not Applicable
11	Total installed costs (\$/kw) ⁽³⁾	7,890	Not Applicable
12	Fixed O&M (\$/kw-yr) 2009 \$		Not Applicable
13	Capital replacement (\$/kw-yr) 2009 \$		Not Applicable
14	Variable O&M (\$/MWH)	0	Not Applicable

Annual Performance Data		
	Fixed Array	Tracking
Incremental Gross Capacity (MW)	10	Not Applicable
Incremental Net Capacity (MW)	10	Not Applicable
Planned outage factor	Not Applicable	Not Applicable
Forced outage factor	Not Applicable	Not Applicable
Equivalent availability factor ⁽⁴⁾	98%	Not Applicable
Net annual generation (MWH) 1st year in - service	18,662	Not Applicable
Resulting capacity factor (% on-peak)	27.7%	Not Applicable
Resulting capacity factor (% off-peak)	17.7%	Not Applicable
Average capacity factor (%) 1st year in-service	21.3%	Not Applicable
Water consumption (gallons)	0	Not Applicable

(1) includes site preparation and related work required by long term land lease.

(2) \$/kW for over night and year in-service includes net present value of the long term land lease.

(3) The total installed cost does not include the return on investment to be recovered before the project goes into service.

(4) The equivalent availability factor for the solar technology, shown in this table, is that of the solar facility itself (i.e. the hardware).

It does not represent the availability of the energy output of the facility which is a function of the available insolation at any given time.

DOCUMENT NUMBER-DATE

03510 APR 16 8

FPSC-COMMISSION CLERK

Solar Project Name : De Soto
 Estimated Data

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	A	B	C
1	Cost data		
2		Fixed Array	Tracking
3	Incremental Gross Capacity (MW)	Not Applicable	25
4	Incremental Net Capacity (MW)	Not Applicable	25
5	Construction start date	Not Applicable	2009
6	In-service date	Not Applicable	2009
7	Useful life (years)	Not Applicable	30
8	Total Site area	Not Applicable	180 acres
9	Overnight construction costs (\$/kw)	Not Applicable	6,831
10	Return on investment (before in-service date) \$	Not Applicable	12,217,268
11	Total installed costs (\$/kw) ⁽¹⁾	Not Applicable	6,937
12	Fixed O&M (\$/kw-yr) 2009 \$	Not Applicable	
13	Capital replacement (\$/kw-yr) 2009 \$	Not Applicable	
14	Variable O&M (\$/MWH)	Not Applicable	0

Annual Performance Data		
	Fixed Array	Tracking
Incremental Gross Capacity (MW)	Not Applicable	25
Incremental Net Capacity (MW)	Not Applicable	25
Planned outage factor	Not Applicable	Not Applicable
Forced outage factor	Not Applicable	Not Applicable
Equivalent availability factor ⁽²⁾	Not Applicable	98%
Net annual generation (MWH) 1st year in-service	Not Applicable	54,738
Resulting capacity factor (% on-peak)	Not Applicable	29.5%
Resulting capacity factor (% off-peak)	Not Applicable	22.5%
Average capacity factor (%) 1st year in-service	Not Applicable	25.0%
Water consumption (gallons)	Not Applicable	0

(1) The total installed cost does not include the return on investment to be recovered before the project goes into service.

Solar Project Name : Martin solar thermal
Estimated Data

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	A	B	C
1	Cost data		
2		Fixed Array	Tracking
3	Incremental Gross Capacity (MW) ⁽¹⁾	Not Applicable	79
4	Incremental Net Capacity (MW)	Not Applicable	75
5	Construction start date	Not Applicable	2008
6	In-service date	Not Applicable	2010
7	Useful life (years)	Not Applicable	20
8	Total Site area (acres)	Not Applicable	600
9	Overnight construction costs (\$/kw)	Not Applicable	6,175
10	Return on investment (before in-service date) \$	Not Applicable	47,614,367
11	Total installed costs (\$/kw) ⁽²⁾	Not Applicable	6,350
12	Fixed O&M (\$/kw-yr) 2009 \$	Not Applicable	
13	Capital replacement (\$/kw-yr) 2009 \$	Not Applicable	
14	Variable O&M (\$/MWH)	Not Applicable	0

Annual Performance Data		
	Fixed Array	Tracking
Incremental Gross Capacity (MW) ⁽¹⁾	Not Applicable	79
Incremental Net Capacity (MW)	Not Applicable	75
Planned outage factor	Not Applicable	0
Forced outage factor	Not Applicable	0
Equivalent availability factor ⁽³⁾	Not Applicable	100%
Net annual generation (MWH) 1st year in - service	Not Applicable	155,000
Resulting capacity factor (% on-peak)	Not Applicable	26.1%
Resulting capacity factor (% off-peak)	Not Applicable	22.2%
Average capacity factor (%) 1st year in-service	Not Applicable	23.6%
Water consumption (gallons) ⁽⁴⁾	Not Applicable	0

(1) Parasitic load estimated at 4MW.

(2) The total installed cost does not include the return on investment to be recovered before the project goes into service.

(3) The equivalent availability factor for the solar technology, shown in this table, is that of the solar facility itself (i.e. the hardware).

It does not represent the availability of the energy output of the facility which is a function of the available insolation at any given time.

(4) No incremental water use, gallons/MWH