

This response is the amended version of Staff's First Set of Interrogator

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Battery Storage
- (2) **Capacity**
a. Summer 469 MW
b. Winter 469 MW
- (3) **Technology Type:** Battery
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2020
b. Commercial In-service date: Late 2021 or Early 2022
- (5) **Fuel**
a. Primary Fuel Not applicable
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** Existing Site 40 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): Not applicable
Average Net Operating Heat Rate (ANOHR): Not applicable
Base Operation 75F, 100%
Average Net Incremental Heat Rate (ANIHR): Not applicable
Peak Operation 75F, 100%
- (13) **Projected Unit Financial Data **, ****
Book Life (Years): 40 years
Total Installed Cost (2022 \$/kW): TBD
Direct Construction Cost (2022 \$/kW): TBD
AFUDC Amount (2022 \$/kW): TBD
Escalation (\$/kW): TBD
Fixed O&M (\$/kW-Yr.): TBD
Long Term Capital Replenishment (\$/kW): TBD
Variable O&M (2022 \$/MWH): TBD
K Factor: TBD

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement and annual capital replenishment

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Battery Storage
- (2) **Capacity**
 - a. Summer 200 MW - 2 Hour
 - b. Winter 200 MW - 2 Hour
- (3) **Technology Type:** Battery
- (4) **Anticipated Construction Timing**
 - a. Field construction start-date: 2021
 - b. Commercial In-service date: 2021
- (5) **Fuel**
 - a. Primary Fuel Not applicable
 - b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** TBD
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
 - Planned Outage Factor (POF): Not applicable
 - Forced Outage Factor (FOF): Not applicable
 - Equivalent Availability Factor (EAF): Not applicable
 - Resulting Capacity Factor (%): Not applicable
 - Average Net Operating Heat Rate (ANOHR): Not applicable
 - Base Operation 75F, 100%
 - Average Net Incremental Heat Rate (ANIHR): Not applicable
 - Peak Operation 75F, 100%
- (13) **Projected Unit Financial Data **, ****
 - Book Life (Years): 40 years
 - Total Installed Cost (2021 \$/kW): 474
 - Direct Construction Cost (2021 \$/kW): 466
 - AFUDC Amount (2021 \$/kW): 8
 - Escalation (\$/kW): Accounted for in Direct Construction Cost
 - Fixed O&M (\$/kW-Yr.): 10.92
 - Long Term Capital Replenishment (\$/kW) 292
 - Variable O&M (2021 \$/MWH): ---
 - K Factor: 1.38

* \$/kW values are based on Summer capacity.
 ** Levelized value for Fixed O&M also includes Capital Replacement and annual capital replenishment

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Battery Storage
- (2) **Capacity**
a. Summer 100 MW - 2 Hour
b. Winter 100 MW - 2 Hour
- (3) **Technology Type:** Battery
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2020
b. Commercial In-service date: 2020
- (5) **Fuel**
a. Primary Fuel Not applicable
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** TBD
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): Not applicable
Average Net Operating Heat Rate (ANOHR): Not applicable
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data *,****
- | | |
|---|---|
| Book Life (Years): | 40 years |
| Total Installed Cost (2020 \$/kW): | 538 |
| Direct Construction Cost (2020 \$/kW): | 531 |
| AFUDC Amount (2020 \$/kW): | 8 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.): | 10.82 |
| Long Term Capital Replenishment (\$/kW) | 288 |
| Variable O&M (2020 \$/MWH): | --- |
| K Factor: | 1.29 |

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement and annual capital replenishment

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Lauderdale Modernization (Dania Beach Clean Energy Center Unit 7)
- (2) **Capacity**
 a. Summer 1,163 MW
 b. Winter 1,176 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
 a. Field construction start-date: 2020
 b. Commercial In-service date: June, 2022
- (5) **Fuel**
 a. Primary Fuel Natural Gas
 b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NOx Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Once through cooling water
- (8) **Total Site Area:** Existing Site 392 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
 Planned Outage Factor (POF): 3.5%
 Forced Outage Factor (FOF): 1%
 Equivalent Availability Factor (EAF): 95.5%
 Resulting Capacity Factor (%): 90.0% (First Full Year Base Operation)
 Average Net Operating Heat Rate (ANOHR): 6,119 Btu/kWh on Gas
 Base Operation 75F, 100%
 Average Net Incremental Heat Rate (ANIHR): 7,592 Btu/kWh on Gas
 Peak Firing and Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data *,****
 Book Life (Years): 40 years
 Total Installed Cost (2022 \$/kW): 764
 Direct Construction Cost (2022 \$/kW): 675
 AFUDC Amount (2022 \$/kW): 89
 Escalation (\$/kW): Accounted for in Direct Construction Cost
 Fixed O&M (\$/kW-Yr.): 19.73
 Variable O&M (2022 \$/MWH): 0.23
 K Factor: 1.55

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 3x0 Cumbustion Turbine
- (2) **Capacity**
 a. Summer 704 MW
 b. Winter 712 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
 a. Field construction start-date: 2022
 b. Commercial In-service date: 2023
- (5) **Fuel**
 a. Primary Fuel Natural Gas
 b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
 Planned Outage Factor (POF): TBD
 Forced Outage Factor (FOF): TBD
 Equivalent Availability Factor (EAF): TBD
 Resulting Capacity Factor (%): TBD (First Full Year Base Operation)
 Average Net Operating Heat Rate (ANOHR): 9,944
 Base Operation 75F, 100%
 Average Net Incremental Heat Rate (ANIHR): 8,869
 Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data ****
 Book Life (Years): 40 years
 Total Installed Cost (2023 \$/kW): 469
 Direct Construction Cost (2023 \$/kW): 449
 AFUDC Amount (2023 \$/kW): 20
 Escalation (\$/kW): Accounted for in Direct Construction Cost
 Fixed O&M (2023 \$/kW-Yr.): 7.86
 Variable O&M (2023 \$/MWH): 0.02
 K Factor: 1.11

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 2x0 Cumbustion Turbine
- (2) **Capacity**
a. Summer 469 MW
b. Winter 475 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2021
b. Commercial In-service date: 2022
- (5) **Fuel**
a. Primary Fuel Natural Gas
b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): TBD
Forced Outage Factor (FOF): TBD
Equivalent Availability Factor (EAF): TBD
Resulting Capacity Factor (%): TBD (First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR): 9,944
Base Operation 75F, 100%
Average Net Incremental Heat Rate (ANIHR): 8,869
Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data ****
Book Life (Years): 40 years
Total Installed Cost (2022 \$/kW): 515
Direct Construction Cost (2022 \$/kW): 495
AFUDC Amount (2022 \$/kW): 21
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (2022 \$/kW-Yr.): 7.67
Variable O&M (2022 \$/MWH): 0.02
K Factor: 1.11

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 2x0 Cumbustion Turbine
- (2) **Capacity**
a. Summer 469 MW
b. Winter 475 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2022
b. Commercial In-service date: 2023
- (5) **Fuel**
a. Primary Fuel Natural Gas
b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): TBD
Forced Outage Factor (FOF): TBD
Equivalent Availability Factor (EAF): TBD
Resulting Capacity Factor (%): TBD (First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR): 9,944
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHHR): 8,869
Wet Compression 75F,100%
- (13) **Projected Unit Financial Data ****
Book Life (Years): 40 years
Total Installed Cost (2023 \$/kW): 526
Direct Construction Cost (2023 \$/kW): 505
AFUDC Amount (2023 \$/kW): 21
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (2023 \$/kW-Yr.): 7.86
Variable O&M (2023 \$/MWH): 0.02
K Factor: 1.11

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 3x1 Combined Cycle
- (2) **Capacity**
 a. Summer 1,886 MW
 b. Winter 1,880 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
 a. Field construction start-date: 2023
 b. Commercial In-service date: 2025
- (5) **Fuel**
 a. Primary Fuel Natural Gas
 b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
 Planned Outage Factor (POF): 3.5%
 Forced Outage Factor (FOF): 1.0%
 Equivalent Availability Factor (EAF): 95.5%
 Resulting Capacity Factor (%): Approx. 80% (First Full Year Base Operation)
 Average Net Operating Heat Rate (ANOHR): 6,134
 Base Operation 75F, 100%
 Average Net Incremental Heat Rate (ANIHR): 8,045
 Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data *,****
 Book Life (Years): 40 years
 Total Installed Cost (2025 \$/kW): 645
 Direct Construction Cost (2025 \$/kW): 580
 AFUDC Amount (2025 \$/kW): 65
 Escalation (\$/kW): Accounted for in Direct Construction Cost
 Fixed O&M (2025 \$/kW-Yr.): 22.48
 Variable O&M (2025 \$/MWH): 0.17
 K Factor: 1.53

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 3x1 Combined Cycle
- (2) **Capacity**
a. Summer 1,886 MW
b. Winter 1,880 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2026
b. Commercial In-service date: 2028
- (5) **Fuel**
a. Primary Fuel Natural Gas
b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): 3.5%
Forced Outage Factor (FOF): 1.0%
Equivalent Availability Factor (EAF): 95.5%
Resulting Capacity Factor (%): Approx. 80% (First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR): 6,134
Base Operation 75F, 100%
Average Net Incremental Heat Rate (ANIHR): 8,045
Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data *,****
Book Life (Years): 40 years
Total Installed Cost (2028 \$/kW): 706
Direct Construction Cost (2028 \$/kW): 635
AFUDC Amount (2028 \$/kW): 71
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (2028 \$/kW-Yr.): 24.21
Variable O&M (2028 \$/MWH): 0.18
K Factor: 1.53

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Unsited 3x1 Combined Cycle
- (2) **Capacity**
a. Summer 1,886 MW
b. Winter 1,880 MW
- (3) **Technology Type:** Combined Cycle
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2027
b. Commercial In-service date: 2029
- (5) **Fuel**
a. Primary Fuel Natural Gas
b. Alternate Fuel Ultra-low sulfur distillate
- (6) **Air Pollution and Control Strategy:** Dry Low NO_x Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection
- (7) **Cooling Method:** Mechanical Draft Cooling Towers
- (8) **Total Site Area:** TBD Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): 3.5%
Forced Outage Factor (FOF): 1.0%
Equivalent Availability Factor (EAF): 95.5%
Resulting Capacity Factor (%): Approx. 80% (First Full Year Base Operation)
Average Net Operating Heat Rate (ANOHR): 6,134
Base Operation 75F, 100%
Average Net Incremental Heat Rate (ANIHR): 8,045
Wet Compression 75F, 100%
- (13) **Projected Unit Financial Data *,****
Book Life (Years): 40 years
Total Installed Cost (2029 \$/kW): 720
Direct Construction Cost (2029 \$/kW): 647
AFUDC Amount (2029 \$/kW): 73
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (2029 \$/kW-Yr.): 24.69
Variable O&M (2029 \$/MWH): 0.18
K Factor: 1.53

* \$/kW values are based on Summer capacity.

** Levelized value for Fixed O&M also includes Capital Replacement

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Sweetbay Solar Energy Center (Martin County)
- (2) **Capacity**
 - a. Nameplate (AC) 74.5 MW
 - b. Summer Firm (AC)^{1/} 41 MW (Approximately)
 - c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
 - a. Field construction start-date: 2019
 - b. Commercial In-service date: 2020
- (5) **Fuel**
 - a. Primary Fuel Solar
 - b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 566 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
 - Planned Outage Factor (POF): Not applicable
 - Forced Outage Factor (FOF): Not applicable
 - Equivalent Availability Factor (EAF): Not applicable
 - Resulting Capacity Factor (%): 24.0% (First Full Year Operation)
 - Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
 - Base Operation 75F, 100%
 - Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
 - Peak Operation 75F, 100%
- (13) **Projected Unit Financial Data ***
 - Book Life (Years): 30 years
 - Total Installed Cost (2020 \$/kW): 1,161
 - Direct Construction Cost (\$/kW): 1,125
 - AFUDC Amount (2020 \$/kW): 35
 - Escalation (\$/kW): Accounted for in Direct Construction Cost
 - Fixed O&M (\$/kW-Yr.): (2020 \$) 6.57 (First Full Year Operation)
 - Variable O&M (\$/MWh): (2020 \$) 0.00
 - K Factor: 0.99

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

^{1/} The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Northern Preserve Solar Energy Center (Baker County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2019
b. Commercial In-service date: 2020
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 558 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 23.6% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,097
Direct Construction Cost (\$/kW): 1,063
AFUDC Amount (2020 \$/kW): 34
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.57 (First Full Year Operation)
Variable O&M (\$/MWh (2020 \$) 0.00
K Factor: 1.00

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Cattle Ranch Solar Energy Center (DeSoto County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2019
b. Commercial In-service date: 2020
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 1,050 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 27.2% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,135
Direct Construction Cost (\$/kW): 1,098
AFUDC Amount (2020 \$/kW): 37
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.92 (First Full Year Operation)
Variable O&M (\$/MWh (2020 \$) 0.00
K Factor: 1.02

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Twin Lakes Solar Energy Center (Putnam County)

(2) **Capacity**

- a. Nameplate (AC) 74.5 MW
- b. Summer Firm (AC) 41 MW (Approximately)
- c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**

- a. Field construction start-date: 2019
- b. Commercial In-service date: 2020

(5) **Fuel**

- a. Primary Fuel Solar
- b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 873 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

- Planned Outage Factor (POF): Not applicable
- Forced Outage Factor (FOF): Not applicable
- Equivalent Availability Factor (EAF): Not applicable
- Resulting Capacity Factor (%): 26.4% (First Full Year Operation)
- Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
- Base Operation 75F,100%
- Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
- Peak Operation 75F,100%

(13) **Projected Unit Financial Data ***

- Book Life (Years): 30 years
- Total Installed Cost (2020 \$/kW): 1,212
- Direct Construction Cost (\$/kW): 1,173
- AFUDC Amount (2020 \$/kW): 39
- Escalation (\$/kW): Accounted for in Direct Construction Cost
- Fixed O&M (\$/kW-Yr.) (2020 \$) 6.92 (First Full Year Operation)
- Variable O&M (\$/MWh) (2020 \$) 0.00
- K Factor: 1.01

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Blue Heron Solar Energy Center (Hendry County)

(2) **Capacity**

- a. Nameplate (AC) 74.5 MW
- b. Summer Firm (AC) 41 MW (Approximately)
- c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**

- a. Field construction start-date: 2019
- b. Commercial In-service date: 2020

(5) **Fuel**

- a. Primary Fuel Solar
- b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 628 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

- Planned Outage Factor (POF): Not applicable
- Forced Outage Factor (FOF): Not applicable
- Equivalent Availability Factor (EAF): Not applicable
- Resulting Capacity Factor (%): 27.1% (First Full Year Operation)
- Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
- Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%

(13) **Projected Unit Financial Data ***

- Book Life (Years): 30 years
- Total Installed Cost (2020 \$/kW): 1,267
- Direct Construction Cost (\$/kW): 1,228
- AFUDC Amount (2020 \$/kW): 39
- Escalation (\$/kW): Accounted for in Direct Construction Cost
- Fixed O&M (\$/kW-Yr.) (2020 \$) 6.57 (First Full Year Operation)
- Variable O&M (\$/MWh (2020 \$) 0.00
- K Factor: 0.99

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Babcock Preserve Solar Energy Center (Charlotte County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2019
b. Commercial In-service date: 2020
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 430 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 27.1% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,249
Direct Construction Cost (\$/kW): 1,210
AFUDC Amount (2020 \$/kW): 39
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.57 (First Full Year Operation)
Variable O&M (\$/MWh) (2020 \$) 0.00
K Factor: 1.01

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Lakeside Solar Energy Center (Okeechobee County)

(2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**
a. Field construction start-date: 2019 or 2020 ^{2/}
b. Commercial In-service date: 2020 or 2021 ^{2/}

(5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 692 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 26.8% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%

(13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,205
Direct Construction Cost (\$/kW): 1,169
AFUDC Amount (2020 \$/kW): 36
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.57 (First Full Year Operation)
Variable O&M (\$/MWh (2020 \$) 0.00
K Factor: 1.06

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Discovery Solar Energy Center (Brevard County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 41 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|----------------------------|
| a. Field construction start-date: | 2019 or 2020 ^{2/} |
| b. Commercial In-service date: | 2020 or 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 491 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 24.3% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2020 \$/kW): | 1,087 |
| Direct Construction Cost (\$/kW): | 1,052 |
| AFUDC Amount (2020 \$/kW): | 35 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2020 \$) | 6.57 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2020 \$) | 0.00 |
| K Factor: | 1.07 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Magnolia Springs Solar Energy Center (Clay County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 41 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|----------------------------|
| a. Field construction start-date: | 2019 or 2020 ^{2/} |
| b. Commercial In-service date: | 2020 or 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 850 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.5% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2020 \$/kW): | 1,197 |
| Direct Construction Cost (\$/kW): | 1,160 |
| AFUDC Amount (2020 \$/kW): | 36 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2020 \$) | 6.92 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2020 \$) | 0.00 |
| K Factor: | 1.07 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Egret Solar Energy Center (Baker County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 41 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|----------------------------|
| a. Field construction start-date: | 2019 or 2020 ^{2/} |
| b. Commercial In-service date: | 2020 or 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 676 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.4% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2020 \$/kW): | 1,151 |
| Direct Construction Cost (\$/kW): | 1,114 |
| AFUDC Amount (2020 \$/kW): | 37 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2020 \$) | 6.92 (First Full Year Operation) |
| Variable O&M (\$/MWh (2020 \$) | 0.00 |
| K Factor: | 1.08 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Pelican Solar Energy Center (St. Lucie County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2019 or 2020 ^{2/}
b. Commercial In-service date: 2020 or 2021 ^{2/}
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 955 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 26.7% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,265
Direct Construction Cost (\$/kW): 1,227
AFUDC Amount (2020 \$/kW): 38
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.57 (First Full Year Operation)
Variable O&M (\$/MWh (2020 \$) 0.00
K Factor: 1.06

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Rodeo Solar Energy Center (DeSoto County)

(2) **Capacity**

- a. Nameplate (AC) 74.5 MW
- b. Summer Firm (AC) 41 MW (Approximately)
- c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**

- a. Field construction start-date: 2019 or 2020 ^{2/}
- b. Commercial In-service date: 2020 or 2021 ^{2/}

(5) **Fuel**

- a. Primary Fuel Solar
- b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 1,040 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

- Planned Outage Factor (POF): Not applicable
- Forced Outage Factor (FOF): Not applicable
- Equivalent Availability Factor (EAF): Not applicable
- Resulting Capacity Factor (%): 27.6% (First Full Year Operation)
- Average Net Operating Heat Rate (ANOHR): Not applicable
- Base Operation 75F, 100%
- Average Net Incremental Heat Rate (ANIHR): Not applicable
- Peak Operation 75F, 100%

(13) **Projected Unit Financial Data ***

- Book Life (Years): 30 years
- Total Installed Cost (2020 \$/kW): 1,113
- Direct Construction Cost (\$/kW): 1,076
- AFUDC Amount (2020 \$/kW): 36
- Escalation (\$/kW): Accounted for in Direct Construction Cost
- Fixed O&M (\$/kW-Yr.) (2020 \$) 6.92 (First Full Year Operation)
- Variable O&M (\$/MWh) (2020 \$) 0.00
- K Factor: 1.11

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is reflected in table ES-1 and Schedule 7.1 as 2021. However, if the SolarTogether

Program is approved as filed, the in-service date will accelerate to 2020.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Nassau Solar Energy Center (Nassau County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 37 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2020
b. Commercial In-service date: 2021 ^{2/}
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 1,310 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 26.2% (First Full Year Operation)
Average Net Operating Heat Rate (ANOH): Not applicable
Base Operation 75F, 100%
Average Net Incremental Heat Rate (ANIH): Not applicable
Peak Operation 75F, 100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2021 \$/kW): 1,300
Direct Construction Cost (\$/kW): 1,261
AFUDC Amount (2021 \$/kW): 38
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2021 \$) 7.10 (First Full Year Operation)
Variable O&M (\$/MWh) (2021 \$) 0.00
K Factor: 1.07

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Palm Bay Solar Energy Center (Brevard County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 37 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2020
b. Commercial In-service date: 2021 ^{2/}
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 486 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 26.8% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2021 \$/kW): 1,229
Direct Construction Cost (\$/kW): 1,191
AFUDC Amount (2021 \$/kW): 38
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2021 \$) 6.74 (First Full Year Operation)
Variable O&M (\$/MWh (2021 \$) 0.00
K Factor: 1.09

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Union Springs Solar Energy Center (Union County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 37 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|--------------------|
| a. Field construction start-date: | 2020 |
| b. Commercial In-service date: | 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 1,233 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.5% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2021 \$/kW): | 1,242 |
| Direct Construction Cost (\$/kW): | 1,205 |
| AFUDC Amount (2021 \$/kW): | 38 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2021 \$) | 7.10 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2021 \$) | 0.00 |
| K Factor: | 1.09 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Orange Blossom Solar Energy Center (Indian River County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 37 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|--------------------|
| a. Field construction start-date: | 2020 |
| b. Commercial In-service date: | 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 607 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.7% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2021 \$/kW): | 1,217 |
| Direct Construction Cost (\$/kW): | 1,179 |
| AFUDC Amount (2021 \$/kW): | 38 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2021 \$) | 6.74 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2021 \$) | 0.00 |
| K Factor: | 1.09 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Sabal Palm Solar Energy Center (Palm Beach County)

(2) **Capacity**

- a. Nameplate (AC) 74.5 MW
- b. Summer Firm (AC) 37 MW (Approximately)
- c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**

- a. Field construction start-date: 2020
- b. Commercial In-service date: 2021 ^{2/}

(5) **Fuel**

- a. Primary Fuel Solar
- b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 1,288 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**

- Planned Outage Factor (POF): Not applicable
- Forced Outage Factor (FOF): Not applicable
- Equivalent Availability Factor (EAF): Not applicable
- Resulting Capacity Factor (%): 26.8% (First Full Year Operation)
- Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
- Base Operation 75F, 100%
- Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
- Peak Operation 75F, 100%

(13) **Projected Unit Financial Data ***

- Book Life (Years): 30 years
- Total Installed Cost (2021 \$/kW): 1,345
- Direct Construction Cost (\$/kW): 1,306
- AFUDC Amount (2021 \$/kW): 40
- Escalation (\$/kW): Accounted for in Direct Construction Cost
- Fixed O&M (\$/kW-Yr.) (2021 \$) 6.74 (First Full Year Operation)
- Variable O&M (\$/MWh) (2021 \$) 0.00
- K Factor: 1.07

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Trailside Solar Energy Center (St. Johns County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 37 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|--------------------|
| a. Field construction start-date: | 2020 |
| b. Commercial In-service date: | 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 846 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.8% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2021 \$/kW): | 1,245 |
| Direct Construction Cost (\$/kW): | 1,207 |
| AFUDC Amount (2021 \$/kW): | 38 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2021 \$) | 7.10 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2021 \$) | 0.00 |
| K Factor: | 1.09 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Putnam County Site (Putnam County)
- (2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 37 MW (Approximately)
c. Winter Firm (AC) -
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
a. Field construction start-date: 2020
b. Commercial In-service date: 2021 ^{2/}
- (5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 395 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 23.8% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable Btu/kWh
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable Btu/kWh
Peak Operation 75F,100%
- (13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2021 \$/kW): 1,137
Direct Construction Cost (\$/kW): 1,102
AFUDC Amount (2021 \$/kW): 35
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2021 \$) 6.74 (First Full Year Operation)
Variable O&M (\$/MWh (2021 \$) 0.00
K Factor: 1.09

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Manatee County Site (Manatee County)
- (2) **Capacity**
- | | |
|---------------------|-----------------------|
| a. Nameplate (AC) | 74.5 MW |
| b. Summer Firm (AC) | 37 MW (Approximately) |
| c. Winter Firm (AC) | - |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**^{2/}
- | | |
|-----------------------------------|--------------------|
| a. Field construction start-date: | 2020 |
| b. Commercial In-service date: | 2021 ^{2/} |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 1,454 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 26.8% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2021 \$/kW): | 1,186 |
| Direct Construction Cost (\$/kW): | 1,149 |
| AFUDC Amount (2021 \$/kW): | 37 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2021 \$) | 7.10 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2021 \$) | 0.00 |
| K Factor: | 1.10 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

2/ The in-service date of this PV addition is not reflected in table ES-1 or Schedule 7.1. This PV addition is contingent upon

FPSC approval of the SolarTogether Program as filed. If SolarTogether as filed is approved by the FPSC, then solar MW values in Table ES-1 and numerous schedules will change.

This response is the amended version of Staff's First Set of Interrogatories

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Echo River Solar Energy Center (Suwannee County)
- (2) **Capacity**
- | | | |
|---------------------|------|--------------------|
| a. Nameplate (AC) | 74.5 | MW |
| b. Summer Firm (AC) | 41 | MW (Approximately) |
| c. Winter Firm (AC) | - | |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | |
|-----------------------------------|------|
| a. Field construction start-date: | 2019 |
| b. Commercial In-service date: | 2020 |
- (5) **Fuel**
- | | |
|-------------------|----------------|
| a. Primary Fuel | Solar |
| b. Alternate Fuel | Not applicable |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 802 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | |
|--|-----------------------------------|
| Planned Outage Factor (POF): | Not applicable |
| Forced Outage Factor (FOF): | Not applicable |
| Equivalent Availability Factor (EAF): | Not applicable |
| Resulting Capacity Factor (%): | 30.4% (First Full Year Operation) |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh |
| Base Operation 75F,100% | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh |
| Peak Operation 75F,100% | |
- (13) **Projected Unit Financial Data ***
- | | |
|------------------------------------|---|
| Book Life (Years): | 30 years |
| Total Installed Cost (2020 \$/kW): | 1,394 |
| Direct Construction Cost (\$/kW): | 1,330 |
| AFUDC Amount (2020 \$/kW): | 63 |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost |
| Fixed O&M (\$/kW-Yr.) (2020 \$) | 7.06 (First Full Year Operation) |
| Variable O&M (\$/MWh) (2020 \$) | 0.00 |
| K Factor: | 1.03 |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming

the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

- (1) **Plant Name and Unit Number:** Hibiscus Solar Energy Center (Palm Beach County)
- (2) **Capacity**
- | | | |
|---------------------|-----------------------|--|
| a. Nameplate (AC) | 74.5 MW | |
| b. Summer Firm (AC) | 41 MW (Approximately) | |
| c. Winter Firm (AC) | - | |
- (3) **Technology Type:** Photovoltaic (PV)
- (4) **Anticipated Construction Timing**
- | | | |
|-----------------------------------|------|--|
| a. Field construction start-date: | 2019 | |
| b. Commercial In-service date: | 2020 | |
- (5) **Fuel**
- | | | |
|-------------------|----------------|--|
| a. Primary Fuel | Solar | |
| b. Alternate Fuel | Not applicable | |
- (6) **Air Pollution and Control Strategy:** Not applicable
- (7) **Cooling Method:** Not applicable
- (8) **Total Site Area:** 402 Acres
- (9) **Construction Status:** P (Planned Unit)
- (10) **Certification Status:** ---
- (11) **Status with Federal Agencies:** ---
- (12) **Projected Unit Performance Data:**
- | | | |
|--|-----------------------------------|--|
| Planned Outage Factor (POF): | Not applicable | |
| Forced Outage Factor (FOF): | Not applicable | |
| Equivalent Availability Factor (EAF): | Not applicable | |
| Resulting Capacity Factor (%): | 26.2% (First Full Year Operation) | |
| Average Net Operating Heat Rate (ANOHR): | Not applicable Btu/kWh | |
| Base Operation 75F,100% | | |
| Average Net Incremental Heat Rate (ANIHR): | Not applicable Btu/kWh | |
| Peak Operation 75F,100% | | |
- (13) **Projected Unit Financial Data ***
- | | | |
|------------------------------------|---|--|
| Book Life (Years): | 30 years | |
| Total Installed Cost (2020 \$/kW): | 1,373 | |
| Direct Construction Cost (\$/kW): | 1,341 | |
| AFUDC Amount (2020 \$/kW): | 32 | |
| Escalation (\$/kW): | Accounted for in Direct Construction Cost | |
| Fixed O&M (\$/kW-Yr.) (2020 \$) | 6.27 (First Full Year Operation) | |
| Variable O&M (\$/MWh) (2020 \$) | 0.00 | |
| K Factor: | 0.98 | |

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming

the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

Schedule 9
Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Okeechobee Solar Energy Center (Okeechobee County)

(2) **Capacity**
a. Nameplate (AC) 74.5 MW
b. Summer Firm (AC) 41 MW (Approximately)
c. Winter Firm (AC) -

(3) **Technology Type:** Photovoltaic (PV)

(4) **Anticipated Construction Timing**
a. Field construction start-date: 2019
b. Commercial In-service date: 2020

(5) **Fuel**
a. Primary Fuel Solar
b. Alternate Fuel Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(8) **Total Site Area:** 471 Acres

(9) **Construction Status:** P (Planned Unit)

(10) **Certification Status:** ---

(11) **Status with Federal Agencies:** ---

(12) **Projected Unit Performance Data:**
Planned Outage Factor (POF): Not applicable
Forced Outage Factor (FOF): Not applicable
Equivalent Availability Factor (EAF): Not applicable
Resulting Capacity Factor (%): 27.1% (First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Not applicable
Base Operation 75F,100%
Average Net Incremental Heat Rate (ANIHR): Not applicable
Peak Operation 75F,100%

(13) **Projected Unit Financial Data ***
Book Life (Years): 30 years
Total Installed Cost (2020 \$/kW): 1,339
Direct Construction Cost (\$/kW): 1,298
AFUDC Amount (2020 \$/kW): 41
Escalation (\$/kW): Accounted for in Direct Construction Cost
Fixed O&M (\$/kW-Yr.) (2020 \$) 6.41 (First Full Year Operation)
Variable O&M (\$/MWh (2020 \$) 0.00
K Factor: 1.04

* \$/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this amount of incremental PV assuming

the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.

the planned PV additions in prior years. As the amount of PV on FPL's system increases, the remaining Summer load not served by solar is altered so that the remaining Summer peak load moves to later in the day. Because the amount of solar energy diminishes in these later hours, the firm capacity value of the incremental solar is decreased. FPL will continue to analyze the projected impacts of increasing amounts of PV in its on-going resource planning work.