

**DUKE ENERGY FLORIDA**

**SCHEDULE 8  
PLANNED AND PROSPECTIVE GENERATING FACILITY ADDITIONS AND CHANGES**

AS OF JANUARY 1, 2019 THROUGH DECEMBER 31, 2043

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PLANT NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL		FUEL TRANSPORT		CONST. START MO./YR	COM'L IN-SERVICE MO./YR	EXPECTED RETIREMENT MO./YR	GEN. MAX. NAMEPLATE KW	FIRM NET CAPABILITY		STATUS <sup>a</sup>	NOTES <sup>b</sup>
				PRI.	ALT.	PRI.	ALT.					SUMMER MW	WINTER MW		
ST PETERSBURG PIER	1	PINELLAS	PV	SO				01/2019	12/2019		350	0	0	P	(1) and (2)
TRENTON	1	GILCHRIST	PV	SO				04/2019	12/2019		74,900	43	0	P	(1)
LAKE PLACID	1	HIGHLANDS	PV	SO				05/2019	12/2019		45,000	26	0	P	(1)
DEBARY	1	VOLUSIA	PV	SO				07/2019	03/2020		74,500	34	0	P	(1)
COLUMBIA	1	COLUMBIA	PV	SO				08/2019	03/2020		74,900	43	0	P	(1)
UNKNOWN	1	UNKNOWN	PV	SO				04/2020	12/2020		74,900	43	0	P	(1)
UNKNOWN	1	UNKNOWN	PV	SO				04/2020	12/2020		74,900	43	0	P	(1)
AVON PARK	P 1	HIGHLANDS	GT	NG	DFO	PL	TK			06/2020		(24)	(25)	RT	(1)
AVON PARK	P 2	HIGHLANDS	CT	DFO			TK			06/2020		(24)	(25)	RT	(1)
HIGGINS	P 1-4	PINELLAS	GT	NG	DFO	PL	TK			06/2020		0	0	RT	(3)
UNKNOWN	1	UNKNOWN	PV	SO				04/2021	12/2021		74,900	43	0	P	(1)
UNKNOWN	1	UNKNOWN	PV	SO				04/2021	12/2021		74,900	43	0	P	(1)
UNKNOWN	1	UNKNOWN	PV	SO				04/2021	12/2021		55,000	31	0	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(1)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(1)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)
OSPREY CC	1	POLK	CC	NG	DFO	PL	TK		05/2024			337	355	P	(5)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)
BAYBORO	P 1 - P 4	PINELLAS	CT	DFO			WA			12/2025		(171)	(238)	RT	
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)
DEBARY	P 2 - P 6	VOLUSIA	CT	DFO			TK			06/2027		(249)	(324)	RT	
BARTOW	P 1, P 3	PINELLAS	CT	DFO			WA			06/2027		(82)	(105)	RT	
UNKNOWN	P 1	UNKNOWN	GT	NG	DFO	PL	TK	01/2025	06/2027		229,400	218	233	P	(1)
UNKNOWN	P 2	UNKNOWN	GT	NG	DFO	PL	TK	01/2025	06/2027		229,400	218	233	P	(1)
UNKNOWN	P 3	UNKNOWN	GT	NG	DFO	PL	TK	01/2025	06/2027		229,400	218	233	P	(1)
UNKNOWN	P 4	UNKNOWN	GT	NG	DFO	PL	TK	01/2025	06/2027		229,400	218	233	P	(1)
UNKNOWN	P 5	UNKNOWN	GT	NG	DFO	PL	TK	01/2025	06/2027		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	(2)			(4)

UNIT RETIREMENTS										6/2029	(1003)	(1025)	RT		
UNKNOWN	1	UNKNOWN	CC	NG	DFO	PL	TK	01/2026	06/2029		1,335,000	1241	1366	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 6	UNKNOWN	GT	NG	DFO	PL	TK	01/2030	06/2032		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 7	UNKNOWN	GT	NG	DFO	PL	TK	01/2031	06/2033		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNIT RETIREMENTS										06/2034	(512)	(700)	RT		
UNKNOWN	P 8	UNKNOWN	GT	NG	DFO	PL	TK	01/2032	06/2034		229,400	218	233	P	(1)
UNKNOWN	P 9	UNKNOWN	GT	NG	DFO	PL	TK	01/2032	06/2034		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNIT RETIREMENTS										06/2035	(1422)	(1442)	RT		
UNKNOWN	2	UNKNOWN	CC	NG	DFO	PL	TK	01/2032	06/2035		1,335,000	1241	1366	P	(1)
UNKNOWN	P 10	UNKNOWN	GT	NG	DFO	PL	TK	01/2033	06/2035		229,400	218	233	P	
UNKNOWN	P 11	UNKNOWN	GT	NG	DFO	PL	TK	01/2033	06/2035		229,400	218	233	P	
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNIT RETIREMENTS										06/2036	(312)	(388)	RT		
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 12	UNKNOWN	GT	NG	DFO	PL	TK	01/2035	06/2037		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNIT RETIREMENTS										06/2038	(314)	(383)	RT	(1)	
UNKNOWN	P 13	UNKNOWN	GT	NG	DFO	PL	TK	01/2036	06/2038		229,400	218	233	P	(1)
UNKNOWN	P 14	UNKNOWN	GT	NG	DFO	PL	TK	01/2036	06/2038		229,400	218	233	P	
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 15	UNKNOWN	GT	NG	DFO	PL	TK	01/2038	06/2040		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 16	UNKNOWN	GT	NG	DFO	PL	TK	01/2039	06/2041		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)
UNKNOWN	P 17	UNKNOWN	GT	NG	DFO	PL	TK	01/2041	06/2043		229,400	218	233	P	(1)
SOLAR DEGRADATION	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	(2)			(4)

a. See page v. for Code Legend of Future Generating Unit Status.

b. NOTES

- (1) Planned, Prospective, or Committed project.
- (2) St Petersburg Pier Firm Capacity is 0.16 Mw for the Summer and 0 for the Winter
- (3) Higgins P1 20 MW, P2 25 MW, P3 31 MW & P4 31 MW (Summer MW) is non-firm capacity and shown as 0 MW each due to non-firm fuel source.  
Higgins P1 20 MW, P2 25 MW, P3 36 MW & P4 38 MW (Winter MW) is non-firm capacity and shown as 0 MW each due to non-firm fuel source.
- (4) Solar capacity degrades by 0.5% every year
- (5) Osprey CC Acquisition total capacity is available once Transmission Upgrades are in service, total Summer capacity goes up to 582MW and total Winter capacity goes up to 600MW

<b>Capacity after degradation</b>	<b>Degradation</b>		0.5%	8/1/2016	8/1/2017	8/1/2018	8/1/2019	8/1/2020	8/1/2021	8/1/2022	8/1/2023	8/1/2024	8/1/2025	8/1/2026	8/1/2027	8/1/2028	8/1/2029	8/1/2030	8/1/2031	8/1/2032	8/1/2033	8/1/2034	8/1/2035	8/1/2036	8/1/2037	8/1/2038	8/1/2039	8/1/2040	8/1/2041	8/1/2042	8/1/2043
Osceola	3.80	1.71	5/12/2016	1.71	1.70	1.69	1.68	1.68	1.67	1.66	1.65	1.64	1.63	1.63	1.62	1.61	1.60	1.59	1.59	1.58	1.57	1.56	1.55	1.55	1.54	1.53	1.52	1.52	1.51	1.50	1.49
Perry	5.00	2.25	8/22/2016	2.25	2.24	2.23	2.22	2.21	2.19	2.18	2.17	2.16	2.15	2.14	2.13	2.12	2.11	2.10	2.09	2.08	2.07	2.06	2.05	2.04	2.03	2.02	2.00	1.99	1.98	1.98	1.97
Suwannee	8.80	3.96	11/21/2017			3.96	3.94	3.92	3.90	3.88	3.86	3.84	3.82	3.80	3.79	3.77	3.75	3.73	3.71	3.69	3.67	3.65	3.64	3.62	3.60	3.58	3.56	3.55	3.53	3.51	3.49
<b>SOLAR DEGRADATION</b>				(0.02)	(0.02)	(0.04)																									
HAMILTON	74.90	42.69	12/2018				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427	38.235	38.044	37.854
<b>SOLAR DEGRADATION</b>							(0.25)																								
ST PETERSBURG PIER	0.50	0.23	12/2019				0.225	0.224	0.223	0.222	0.221	0.219	0.218	0.217	0.216	0.215	0.214	0.213	0.212	0.211	0.210	0.209	0.208	0.207	0.206	0.205	0.204	0.203	0.202	0.200	
TRENTON	74.90	42.69	12/2019				42.69	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427	38.235	38.044	
LAKE PLACID	45.00	25.65	12/2019				25.65	25.522	25.394	25.267	25.141	25.015	24.890	24.766	24.642	24.519	24.396	24.274	24.153	24.032	23.912	23.792	23.673	23.555	23.437	23.320	23.203	23.087	22.972	22.857	
<b>SOLAR DEGRADATION</b>							(0.98)																								
COLUMBIA	74.90	42.69	03/2020				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427	38.235	38.044	
DEBARY	74.50	33.53	03/2020				33.53	33.357	33.191	33.025	32.860	32.695	32.532	32.369	32.207	32.046	31.886	31.727	31.568	31.410	31.253	31.097	30.941	30.787	30.633	30.479	30.327	30.175	30.025	29.874	
UNKNOWN	74.90	42.69	12/2020				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427	38.235		
UNKNOWN	74.90	42.69	12/2020				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427	38.235		
<b>SOLAR DEGRADATION</b>	N/A		N/A				(1.40)																								
UNKNOWN	74.90	42.69	12/2021				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427			
UNKNOWN	74.90	42.69	12/2021				42.693	42.480	42.267	42.056	41.846	41.636	41.428	41.221	41.015	40.810	40.606	40.403	40.201	40.000	39.800	39.601	39.403	39.206	39.010	38.815	38.621	38.427			
UNKNOWN	55.00	31.35	12/2021				31.350	31.193	31.037	30.882	30.728	30.574	30.421	30.269	30.118	29.967	29.817	29.668	29.520	29.372	29.225	29.079	28.934	28.789	28.645	28.502	28.360	28.218			
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												
<b>SOLAR DEGRADATION</b>	N/A		N/A																												

Capacity after Degradation	0.5%	8/1/2016	8/1/2017	8/1/2018	8/1/2019	8/1/2020	8/1/2021	8/1/2022	8/1/2023	8/1/2024	8/1/2025	8/1/2026	8/1/2027	8/1/2028
Osceola	3.80	1.71	5/12/2016	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
Perry	5.00	2.25	8/22/2016	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
Suwannee	8.80	3.96	11/21/2017	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
SOLAR DEGRADATION				(0.02)	(0.020)	(0.04)								
HAMILTON	74.90	42.69	12/2018				(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
SOLAR DEGRADATION							(0.25)							
ST PETERS	0.50	0.23	12/2019				(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
TRENTON	74.90	42.69	12/2019				(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
LAKE PLAC	45.00	25.65	12/2019				(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.13)	(0.12)	(0.12)
SOLAR DEGRADATION							(0.98)							
COLUMBIA	74.90	42.69	03/2020				(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
DEBARY	74.50	33.53	03/2020				(0.17)	(0.17)	(0.17)	(0.17)	(0.16)	(0.16)	(0.16)	(0.16)
UNKNOWN	74.90	42.69	12/2020					(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
UNKNOWN	74.90	42.69	12/2020					(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
SOLAR DECN/A			N/A					(1.40)						
UNKNOWN	74.90	42.69	12/2021						(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
UNKNOWN	74.90	42.69	12/2021						(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)
UNKNOWN	55.00	31.35	12/2021						(0.16)	(0.16)	(0.16)	(0.15)	(0.15)	(0.15)
SOLAR DECN/A			N/A											
SOLAR DECN/A			N/A							-1.97				
SOLAR DECN/A			N/A								-1.96			
SOLAR DECN/A			N/A									-1.95		
SOLAR DECN/A			N/A										-1.94	
SOLAR DECN/A			N/A											-1.93
SOLAR DECN/A			N/A											-1.93

698.80