

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

RECEIVED-FPSC
13 APR 18 PM 3:50
COMMISSION CLERK
POE

DATE: April 18, 2013
TO: Ann Cole, Commission Clerk, Office of Commission Clerk
FROM: Phillip O. Ellis, Engineering Specialist III, Division of Engineering
RE: Revised Schedules for Orlando Utilities Commission's 2013 Ten-Year Site Plan

Attached are revised Schedules 7.1 and 7.2 for the Orlando Utilities Commission's 2013 Ten-Year Site Plan. The revisions correct a calculation error made in the original filing that caused reserve margin values to be understated. Please place this item in Docket No. 130000 – Undocketed Filings for 2013, as it relates to the annual undocketed staff Ten-Year Site Plan Review project.

If you have any additional questions, please contact me.

POE

Attachment

DOCUMENT NUMBER - DATE
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**Schedule 7.1
Forecast of Capacity, Demand, and Scheduled Maintenance at Time of Summer Peak**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Year	Total Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	QF MW	Total Capacity Available MW	System Firm Summer Peak Demand MW	Reserve Margin before Maintenance MW	Reserve Margin % of Peak	Scheduled Maintenance MW	Reserve Margin after Maintenance MW	Reserve Margin % of Peak
FORECAST:											
2013	1,507	330	0	0	1,837	1,374	463	34%	0	463	34%
2014	1,570	330	0	0	1,900	1,351	549	41%	0	549	41%
2015	1,570	330	0	0	1,900	1,371	529	39%	0	529	39%
2016	1,570	330	0	0	1,900	1,394	506	36%	0	506	36%
2017	1,568	330	0	0	1,898	1,341	556	41%	0	556	41%
2018	1,568	330	0	0	1,898	1,290	607	47%	0	607	47%
2019	1,568	330	0	0	1,898	1,309	589	45%	0	589	45%
2020	1,568	330	0	0	1,898	1,327	571	43%	0	571	43%
2021	1,568	330	0	0	1,898	1,346	552	41%	0	552	41%
2022	1,568	330	0	0	1,898	1,365	533	39%	0	533	39%

Notes:

"Firm Capacity Import" includes OUC's existing and future power purchase agreements, including renewables.

"System Firm Summer Peak Demand" includes OUC and St. Cloud peak demand, as well as OUC's power sales to Vero Beach, Bartow, Lake Worth, and Florida Power & Light.

"Reserve Margin (MW)" calculated as available capacity minus "System Firm Summer Peak Demand." Adjustments made to reflect not carrying reserves on sales to Bartow, Lake Worth, or Florida Power & Light.

"Reserve Margin (% of Peak)" calculated as "Reserve Margin (MW)" divided by "System Firm Summer Peak Demand."

"Scheduled Maintenance (MW)" is zero, as no units are scheduled for maintenance during peak periods.

DOCUMENT NUMBER-DATE

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Orlando Utilities Commission 2013 TYSP - Revised Schedules 7.1 and 7.2

Schedule 7.2

Forecast of Capacity, Demand, and Scheduled Maintenance at Time of Winter Peak

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Year	Total Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	QF MW	Total Capacity Available MW	System Firm Winter Peak Demand MW	Reserve Margin before Maintenance MW	% of Peak	Scheduled Maintenance MW	Reserve Margin after Maintenance MW	% of Peak
FORECAST:											
2012/13	1,579	346	0	0	1,925	1,345	580	43%	0	580	43%
2013/14	1,642	346	0	0	1,988	1,315	672	51%	0	672	51%
2014/15	1,642	346	0	0	1,988	1,332	656	49%	0	656	49%
2015/16	1,642	346	0	0	1,988	1,355	633	47%	0	633	47%
2016/17	1,642	346	0	0	1,988	1,303	685	53%	0	685	53%
2017/18	1,640	346	0	0	1,985	1,250	735	59%	0	735	59%
2018/19	1,640	346	0	0	1,985	1,268	718	57%	0	718	57%
2019/20	1,640	346	0	0	1,985	1,286	699	54%	0	699	54%
2020/21	1,640	346	0	0	1,985	1,304	681	52%	0	681	52%
2021/22	1,640	346	0	0	1,985	1,323	663	50%	0	663	50%

Notes:

"Firm Capacity Import" includes OUC's existing and future power purchase agreements, including renewables.

"System Firm Summer Peak Demand" includes OUC and St. Cloud peak demand, as well as OUC's power sales to Vero Beach, Bartow, Lake Worth, and Florida Power & Light.

"Reserve Margin (MW)" calculated as available capacity minus "System Firm Summer Peak Demand." Adjustments made to reflect not carrying reserves on sales to Bartow, Lake Worth, or Florida Power & Light.

"Reserve Margin (% of Peak)" calculated as "Reserve Margin (MW)" divided by "System Firm Summer Peak Demand."

"Scheduled Maintenance (MW)" is zero, as no units are scheduled for maintenance during peak periods.