



Dianne M. Triplett
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July 18, 2016

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Petition for Approval to Include in Base Rates the Revenue Requirement for the Hines Chillers Uprate Project by Duke Energy, LLC: Docket Number 160128-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), DEF's Response to Staff's Second Data Request (Nos. 1-2).

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Respectfully,

s/Dianne M. Triplett

Dianne M. Triplett

DMT/mw
Enclosures
cc: Danijela Janjic, FPSC, djanjic@psc.state.fl.us

**Duke Energy Florida, LLC's Response to Staff's Second Data Request
Re: Petition for Limited Proceeding for Approval to Include in Base Rates the
Revenue Requirement for the Hines Chillers Uprate Project**

Docket No. 160128-EI

1. Please provide a schedule explaining the variance in the updated cost estimate in comparison with the estimate provided in Docket No. 140111-EI, and indicate whether there are any design changes.

Response:

The Schedule is shown below. The delta between the \$160 million estimate and the \$151 million forecast is unused contingency. There are no known design changes that could affect the estimated Chiller 220 MW performance, nor were there any design changes that resulted in reduced work scope or cost.

Total Project Forecast Cost (\$ in M)				
Description	Baseline Approved (05/07/2015)	Project to Date Actual	ETC (Estimate to Complete)	EAC (Estimate at Completion)
	(a)	(d)	(e)	(d + e)
EPC Contractor	106.2	82.2	26.4	108.6
Owner Furnished Equipment	1.3	2.4	2.7	5.1
Third Party Engineering	0.6	0.1	0.1	0.3
*Owner Cost (Labor only)	12.2	7.7	5.4	13.1
Owner Cost (Misc.: Office supplies, Trailer services, rent, & materials)	5.2	3.9	0.9	4.8
Owner's Start Up	0.9	0.4	0.8	1.2
PIT & Ops Support Cost	2.5	0.8	1.3	2.1
Performance Testing	0.2	0.0	0.2	0.2
Transmission	1.3	0.2	0.1	0.3
Contingency	22.3	0.0	8.3	8.3
PMC Direct Total	\$152.7	\$97.8	\$46.3	\$144.1
PMC AFUDC	7.3	3.1	3.4	6.5
PMC Total	160.0	100.9	49.7	150.6
Total Project Forecast Cost (\$ in M)	\$160.0	\$100.9	\$49.7	\$150.6

2. Please provide an update of the projected performance, if any, in comparison with the projection in Docket No. 140111-EI, of the Hines Project increase in summer capacity by approximately 220 MW.

Response:

The Hines Project increase in summer capacity remains 220 MW with no changes.