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**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 070650 -EI  
FLORIDA POWER & LIGHT COMPANY**

**IN RE: FLORIDA POWER & LIGHT COMPANY'S  
PETITION TO DETERMINE NEED FOR  
TURKEY POINT NUCLEAR UNITS 6 AND 7  
ELECTRICAL POWER PLANT**

**DIRECT TESTIMONY & EXHIBITS OF:**

**STEVEN D. SCROGGS**

SUBMITTED 3 APRIL 08 1/2  
LOUIS ZELLER

DOCUMENT NUMBER 07

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SUBMITTED 3 APRIL 08 2/2  
 LOUIS ZELLER

### Project Total Cost Estimate Range (Year Spent \$)

	2,200 MW			3,040 MW		
	Case A	Case B	Case C	Case A	Case B	Case C
Total Overnight Costs (\$/kW, 2007\$)	\$3,596	\$3,108	\$4,540	\$3,596	\$3,108	\$4,540
Escalation @ 2.5%	\$892	\$764	\$1,139	\$892	\$764	\$1,139
AFUDC @ 11.04%	\$1,837	\$1,573	\$2,345	\$1,837	\$1,573	\$2,345
Preconstruction Cost Adjustment <sup>1</sup>	\$47	\$47	\$47	(\$19)	(\$19)	(\$19)
<b>Project Total (\$/kW)</b>	<b>\$6,372</b>	<b>\$5,492</b>	<b>\$8,071</b>	<b>\$6,306</b>	<b>\$5,426</b>	<b>\$8,005</b>
<b>Project Total (\$B)</b>	<b>\$14.0</b>	<b>\$12.1</b>	<b>\$17.8</b>	<b>\$19.2</b>	<b>\$16.5</b>	<b>\$24.3</b>

<sup>1</sup> Adjusts \$191/kW of preconstruction costs from the TVA study for the 2,200 or 3,040 MW project considered in the FPL estimate range

Case A includes full current escalation to 2007, full owner scope and cost, and mid-range transmission integration estimate

Case B includes reduced escalation to 2007, reduced owner scope and cost, and low-range transmission integration estimate

Case C includes increased escalation to 2007, full owner scope and cost, and high-range transmission integration estimate