

PROJECT COST ESTIMATE SHEET



East Avenue Project
VELCO

Classification Matrix

Exhibit WEH-1

Thursday, 29th November, 2007

Cost Estimate Classification Matrix

		From AACE		From EPRI
Estimate Type	Descriptive (AACE / EPRI)	LEVEL OF PROJECT DEFINITION Expressed as % of complete definition	EXPECTED ACCURACY RANGE Typical variation in low and high ranges	Suggested Contingency
A	Study / Simplified Estimate	1% to 15%	L: -15% to -60% H: +30% to +120%	30-50 %
B	Budget, Authorization or Control / Preliminary Estimate	10% to 40%	L: -10% to -30% H: +20% to +60%	15-30%
C	Control or Bid / Detailed Estimate	30% to 70%	L: -5% to -15% H: +10% to +30%	10-20%
D	Check Estimate or Bid / Finalized Estimated	50% to 100%	L: -5% to -5% H: +10% to +10%	5-10%

Note : Derived from Association for Advancement of Cost Engineering (AACE) and Electric Power Research Institute (EPRI).