

PRELIMINARY COST ESTIMATES FOR GI-2007-11

Attached are preliminary scoping level (+/- 30%, present dollars) cost estimates for the two alternatives to interconnect the proposed new generators #5 and #6 into the 230 kV switchyard at Ft. St. Vrain. Also attached is an estimate for additional transmission network upgrades that were identified during additional studying of the project. Additional details will be included in the final System Impact Study Report, expected to be issued in late February, 2008.

Interconnection Estimate Alternatives

-Two bays, 230 kV Breaker & Half, 2 breakers ea. bay, for 2 xfmr taps	\$2,870,426
-Two bays, 230 kV Breaker & Half, 3 breakers ea. bay, for 4 xfmr taps	\$3,832,601

Additional Transmission Network (PSCo) Upgrades

(These network upgrades were identified through fault duty studies, and are in addition to previously identified network upgrades in the original interconnection study.)

-Replace Fourteen 230 kV, 40 kA Circuit Breakers at FSV	\$3,001,970
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Assumptions

- This is a Scoping Estimate. The costs can vary as much as +/- 30% from the costs provided.
- There is no contingency or escalation.
- AFUDC is included for network upgrade estimate.
- These estimates do not include the cost of the 230 kV overhead tap bus / line conductor from the switchyard to the new generators' transformers switch / fault interrupters.
- It is assumed that no permits are necessary for this work.
- Labor hours are based upon Xcel Energy personnel performing the work.
- Spare Fiber Optic Cables are available from the plant to the switchyard.