

**GENERATOR INTERCONNECTION
FEASIBILITY STUDY**

For integration of the proposed

GENERATION INTERCONNECTION PROJECT #360

In

CANYON COUNTY, IDAHO

To the

IDAHO POWER COMPANY ELECTRICAL SYSTEM

FINAL REPORT

May 3, 2011

Generator Interconnection Feasibility Study

General Interconnection Information

Queue	Date of Request	Location	Total (MW)	Point of Interconnection	Projected In-Service Date	Type of facility (combined cycle, base load, CT, fuel type)
360	12/2/2010	Canyon County	0.98	12.5 kV	12-1-2011	Hydro

Short Circuit Analysis Results

System Changes Required: Yes No

Power Flow Analysis Results

System Changes Required: Yes No

While no major system changes are required, three phase service will need to be extended to the point of interconnection, approximately 0.5 miles. Currently only two phases of service is present in the area in question.

Good Faith Cost Estimate

Description	Estimated Cost
Rebuild ½ mile of three phase 00 ACSR	\$90,000
Substation Work	\$10,000
Interconnection Protection Package	\$125,000
Total Estimated Cost	\$225,000

System Impact Study Required? Yes No

This project will be required to contact Idaho Power's Power Supply Department about the total generation output from this project. Additional network upgrades may be required.

Operating Requirements

The project will be required to operate at a unity power factor +/-200kVar.