

**GENERATOR INTERCONNECTION  
FEASIBILITY STUDY**

For integration of the proposed

**GENERATION INTERCONNECTION PROJECT #410**

in

**JEROME COUNTY, IDAHO**

to the

**IDAHO POWER COMPANY ELECTRICAL SYSTEM**

**FINAL REPORT  
October 7, 2013**

# Generator Interconnection Feasibility Study

## General Interconnection Information

Queue	Date of Request	Location	Total (MW)	Station or Trans Line for POI	Projected In-Service Date	Type of facility (combined cycle, base load, CT, fuel type)
410	7/19/2013	Jerome County	1.25 Request 2.12 Total	Toponis Station	5/1/2015	Hydroelectric

## Short Circuit Analysis Results

System Changes Required:  Yes  No

If yes, a description of changes required:

## Power Flow Analysis Results

System Changes Required:  Yes  No

If yes, a description of changes required:

## Good Faith Cost Estimate

Interconnection cost estimate.

Generation Interconnection and Protection Package	\$200,000
Contingency and General Overheads	\$88,000
<b>Total cost estimate</b>	<b>\$288,000</b>

Total cost estimate: **\$288,000**

This cost doesn't include costs of customer owner substation and distribution. The customer will be required to operate at unity power factor with an operating bandwidth of  $\pm 600$ kvar. The interconnection customer will also provide their own wye-grounded to wye-grounded transformer to connect to Idaho Power Company's distribution.

System Impact Study Required?  Yes  No