Ex Ante Review Findings

Table 1-1: Project Information

IOU	PGE
Application ID	1445-13-1224
Application Date	2/12/2013
Program ID	PGE2222
Program Name	Energy Efficiency Incentives (EEI) Program for Oil and Gas Production
Program Year	2013
Itron Project ID	X318
IOU Ex Ante Savings Date	2/12/2013
ED Measure Name	VSD on ESP
Project Description	Installation of variable speed drive (VSDs) on three electric submersible pumps (ESPs).
Date of ED Review(s)	3/28/2013
Primary Reviewer and Firm	Phani Pagadala/Itron
Review Supervisor and Firm	Nikhil Gandhi/ ED - DMQC
Type of Review (Desk, On-site, Full M&V, Tool)	Desk Review
ED Recommendation	Based on findings from a recently conducted industry standard practice (ISP) baseline assessment study, the proposed measure (VSD on ESP) is considered standard practice for both retrofit and new construction projects; therefore, no gross savings can be assigned to this project.

Measure Description

This project involves the installation of VSDs on three ESPs.

Summary of Review

As part of the parallel review for this project, ED has established, per communication from the third party implementer (TPI), that these wells are new drills. ED recommends the use of a 'New Construction' baseline for this project in which results in the application of ISP, which is currently the installation of VSDs on ESPs.

The ED has recently conducted an ISP assessment for artificial lift pump control technologies and has determined that the installation of VSDs on ESPs is a standard practice for both retrofit and new construction projects. The ISP assessment findings report is currently under ED- CPUC internal review and will be made available once the review is completed.

Review Conclusion

Per the findings from the recent ISP study, the proposed measure, installation of VSDs on ESPs, is considered an industry standard practice for retrofit and new construction projects, therefore no gross savings can be assigned to this project.