

**FUNDING
DETAILS**

**ESP Optimization Management Program –
Leveraging Data Analytics for an Improved
ESP Strategy**

Innovative Numerix Inc. (INumerix) will develop and demonstrate their Electrical Submersible Pumps (ESP) Optimization Management Program to supplement their Subsurface Optimization Platform (SOP).

By expanding ESP analytics functions to address the high cost of ESPs in SAGD facilities and demonstrating its utility in real-time, INumerix will position SOP for widespread commercial viability and greater annual returns for Suncor and other operators.



RECIPIENT:

**Innovative Numerix
Inc.**



PARTNERS:

Suncor Energy Inc.



TOTAL BUDGET:

\$ 958,410



AI FUNDING:

\$ 350,000

DICE



PROJECT DATES:

MAR 2022 –

MAY 2023



PROJECT TRL:

Start: 7

End: 9

APPLICATION

The digital innovation proposed will offer enhanced ESP analytics modules of this project provide new approaches to optimizing efficiencies, increasing reliability, extending ESP run life and maximizing production to increase revenues. These modules, once completed, will provide the client with the ability to monitor anomalies, reduce incidents and effectively manage ESPs with a proper strategy in place which translates to environmental efficiencies and significant economic advantages.