

Public Power Benefit Update

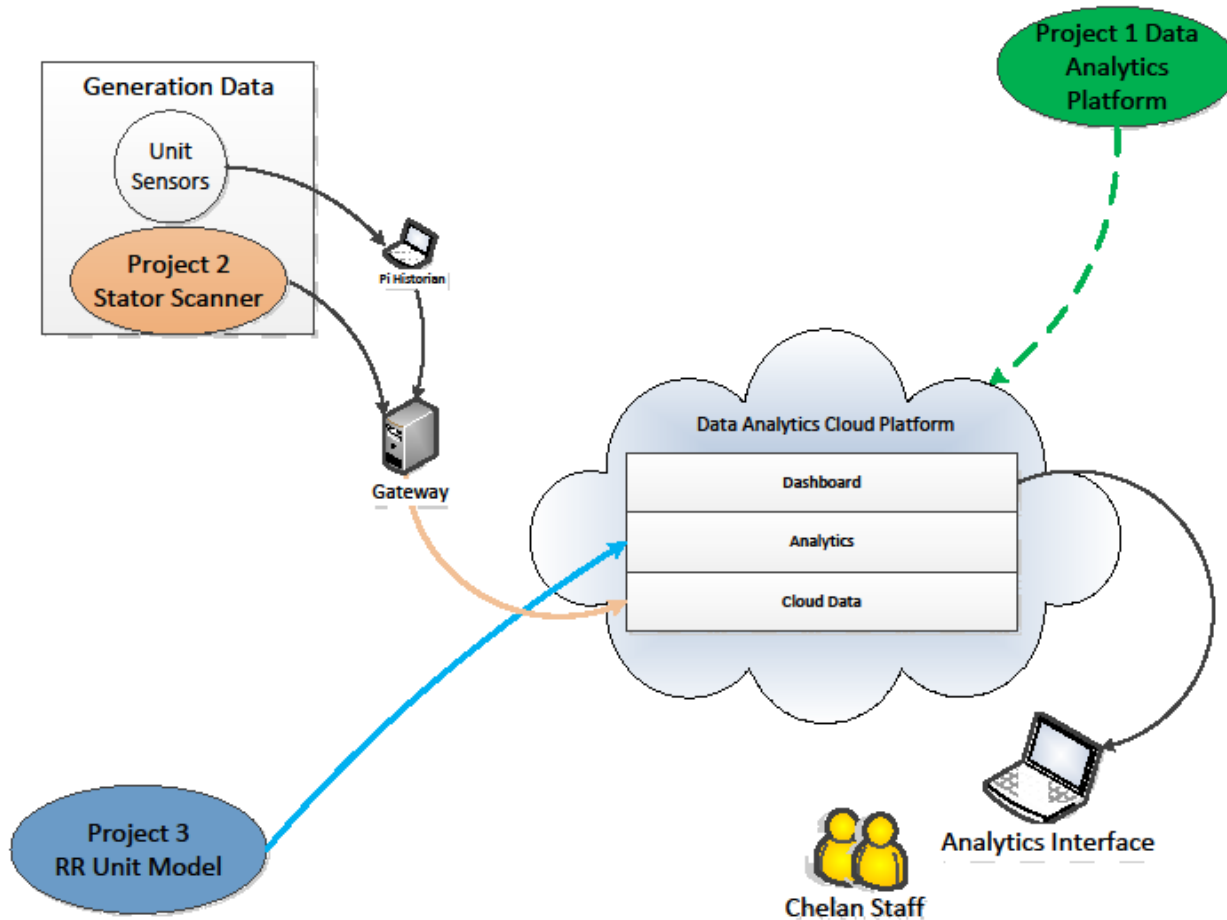
Hydro Research
June 5, 2017

Information Only
Approval Consideration 6/26/17

Topics

- Current status update (where we are with the \$250,000 already approved)
- Request for additional \$250,000 of 2017 and \$250,00 of 2018 PPB funds to be allocated to this project

Hydro Research Projects



Summary – Funding Already Approved

	2015-2016 PPB (already approved)	2017 PPB (Requested)	2018 PPB (Requested)
Project 1 – Data Analytics Platform	\$200,000		
Project 2 – Sensor Technology Development	\$50,000		\$150,000
Project 3 – RR Turbine - Generator Model		\$250,000	\$100,000
Total	\$250,000	\$250,000	\$250,000

1. Data Analytics Platform

- a) Currently developing Project Execution Plan and Business Case
- b) Evaluating business model options for the Research Institute

2. Sensor Technology development: feasibility study for stator scanner

Summary – New Requests

	2015-2016 PPB (already approved)	2017 PPB (Requested)	2018 PPB (Requested)
Project 1 – Data Analytics Platform	\$200,000		
Project 2 – Sensor Technology Development	\$50,000		\$150,000
Project 3 – RR Turbine - Generator Model		\$250,000	\$100,000
Total	\$250,000	\$250,000	\$250,000

2. Sensor Technology development: Prototype stator scanner deployment (contingent on feasibility study)

3. RR Turbine – Generator Model

- a) 2017: Build a RR turbine-generator model to demonstrate analytics technology
- b) 2018: Enhance model for more refined decision making ability

Questions

