3/21/2016

READ ME File for “*DE-EE0006397 Control System Specifications, Models, and Data*” upload to DOE MHK Data Repository

The files are provided as a zipped file format, which will unzip to a file directory structure consisting of

DE-EE0006397 Control System Specifications and Models

* + Field Data and Processing
* README File for explanation of contents
* MatLab scripts for processing of data
* Sample AWAC results
* Field Data
	+ Igiugig Weather data
	+ Test log outlining time and purpose of testing- DE-EE0006397 RivGen 2015 Testing Log rev11
	+ VFD controls test files
		- Advanced Programming files
			* ABB VFD files for implementation of controls (compressed)
		- AWAC data
			* Sample AWAC data
		- kw2
			* excel sheets providing outputs from VFD for kw2 controls for different test settings
		- PI-TSR attempts
			* Record of attempts to implement PI-TSR control
		- PI-w
			* excel sheets providing outputs from VFD for PI-w controls for different test settings
		- VFD speed control
			* excel sheets providing outputs from VFD for native VFD speed control
	+ SCADA data
		- Excel spreadsheet explaining data format and names
		- MatLab data sets providing SCADA data for test period
	+ Simulation Data and Processing
	+ University of Washington Final Report
		- DE-EE0006397 University of Washington Advanced Control Final Report REV 0 14
			* Provides information on models, modeling techniques, controls simulated, laboratory testing of controls, emulation testing of controls, and field testing of controls.
		- Appendices of report