DOCKETED

Docket Number:	16-EPIC-01
Project Title:	EPIC Idea Exchange
TN #:	219831
Document Title:	Adib Nasle Comments Open-Source Desktop EnvironmentUser Interface for Gridlab-D and OpenDSS
Description:	N/A
Filer:	System
Organization:	Adib Nasle
Submitter Role:	Public
Submission Date:	6/21/2017 1:59:51 PM
Docketed Date:	6/21/2017

Open-Source Desktop Environment/User Interface for Gridlab-D and OpenDSS

In fairness to the industry, Gridlab-D is not used by power utilities, and many have selected EPRI OpenDSS as their preferred open-source planning tool.

In order to increase the adoption of Gridlab-D, and meet the needs of utility planners, we recommend that user interfaces be developed for both Gridlab-D and EPRI OpenDSS (both a cyber secure web-based environment and a desktop environment).

We believe that developing an easier, smarter, and transparent desktop and secure on-demand cloud computing mobile web application for both Gridlab-D and OpenDSS will provide the â€œshrink-wrappingâ€, interoperability, data security, data management, visualization, reporting, error checking, and automation features necessary to deliver a modern environment that democratizes access, increases collaboration, and enables a broader class of users to benefit from the latest advances in CPUC supported open-source power system modeling tools and analytics research.