

CYCLE OF PERSONAL OWNERSHIP

SEPTEMBER 2023 WINNER



CHELAN COUNTY

MICHAEL WEST

Michael West exemplified Innovation, Stewardship, and Operational Excellence by overhauling and upgrading the iTOA Generation Reporting database. iTOA is the District's Outage planning software used to communicate and plan equipment outages (among other things). Over the past 9+ years, various employees and business groups have worked to develop a set of reporting tools to more efficiently communicate planned outages and changes to outages. The data transformations necessary to display and model data effectively are almost never simple when dealing with web-interface software, and Michael has been working on this for more than 5 years. Through our combined efforts we were able to identify and find the missing records, update the changed columns/fields, and implement a production reporting database for the District's Generation Outages.

There are many benefits of having this data modeled in a reporting database. Some of the biggest, immediate impacts are

- Improved compliance reporting to NERC (this data is used for Generator Availability Data System quarterly reporting)
- WRAP data pipelining - The Western Resource Adequacy Program requires regular reports on future availability to participate, and the process would have been manual, tedious, and prone to errors without this database.
- Automated reporting on outage history and evaluation of changing outage/work schedules.

Additionally, this database will be foundational to improving District collaboration, data development, and automation between the Hydro Plant Superintendents, Plant Operations, Sys Ops, Data Analytics, EP&T, Planning, Maintenance, Engineering, and Project Management, Asset Management, and more!

Thanks Michael!