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Additional submitted attachment is included below.

OIR-21-03 Meeting performance criteria through innovation

A small innovation in MIDAS data structure could provide many benefits.

The data model shown below could be a basis for a system that will minimize the effort for building a single statewide standard tool, and the MIDAS database, by using the described best practice.

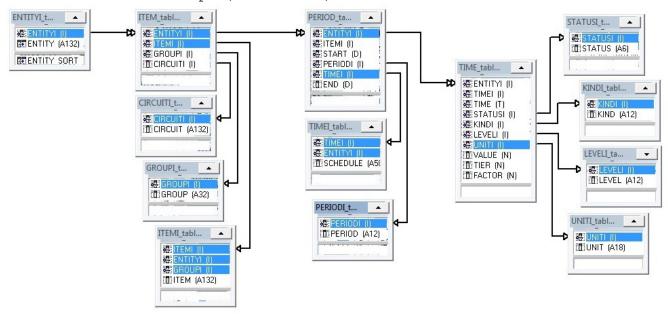
By making of use composite keyed tables, known barriers to meeting performance criteria can be removed.

The use of composite keys would allow each utility, or community choice aggregator, or other demand response signal generator, producing data sets for control signals, complete freedom in identifying components of their signal designs.

The data model is based on <u>Gantt charting</u>. There are many "off the shelf" Gantt chart applications, many can produce custom instruction sets to control other hardware, software, and wetware (humans).

This data model can be used to analyze and produce "marginal cost-based rates", available system capacity, and system loads.

When this data model used with uniform data entry methods, populating data sets becomes rapid, accurate, and reliable.



Please consider and comment on this concept in your load management rulemaking.

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