

**DOCKETED**

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<b>Document Title:</b>	Steve Uhler Comments - OIR-19-01 Latency and Normalization, Report Performance
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*Comment Received From: Steve Uhler*  
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**OIR-19-01 Latency and Normalization, Report Performance**

*Additional submitted attachment is included below.*

# OIR-19-01 Latency and Normalization, Report Performance

Begin with end result in mind.

Report requirements should be determined prior to structuring a database.

A report that is intended to inform all energy end users in real-time, will above all, require very low latency.

The structure shown below, will not have the shortest possible latent period.

The structure is over normalized. This means queries will take more steps through table joins that would be better served by combining components of subjects such as location in one table.

Please post proposed report prototypes MIDAS database is intended to support in docket for 19-OIR-01.

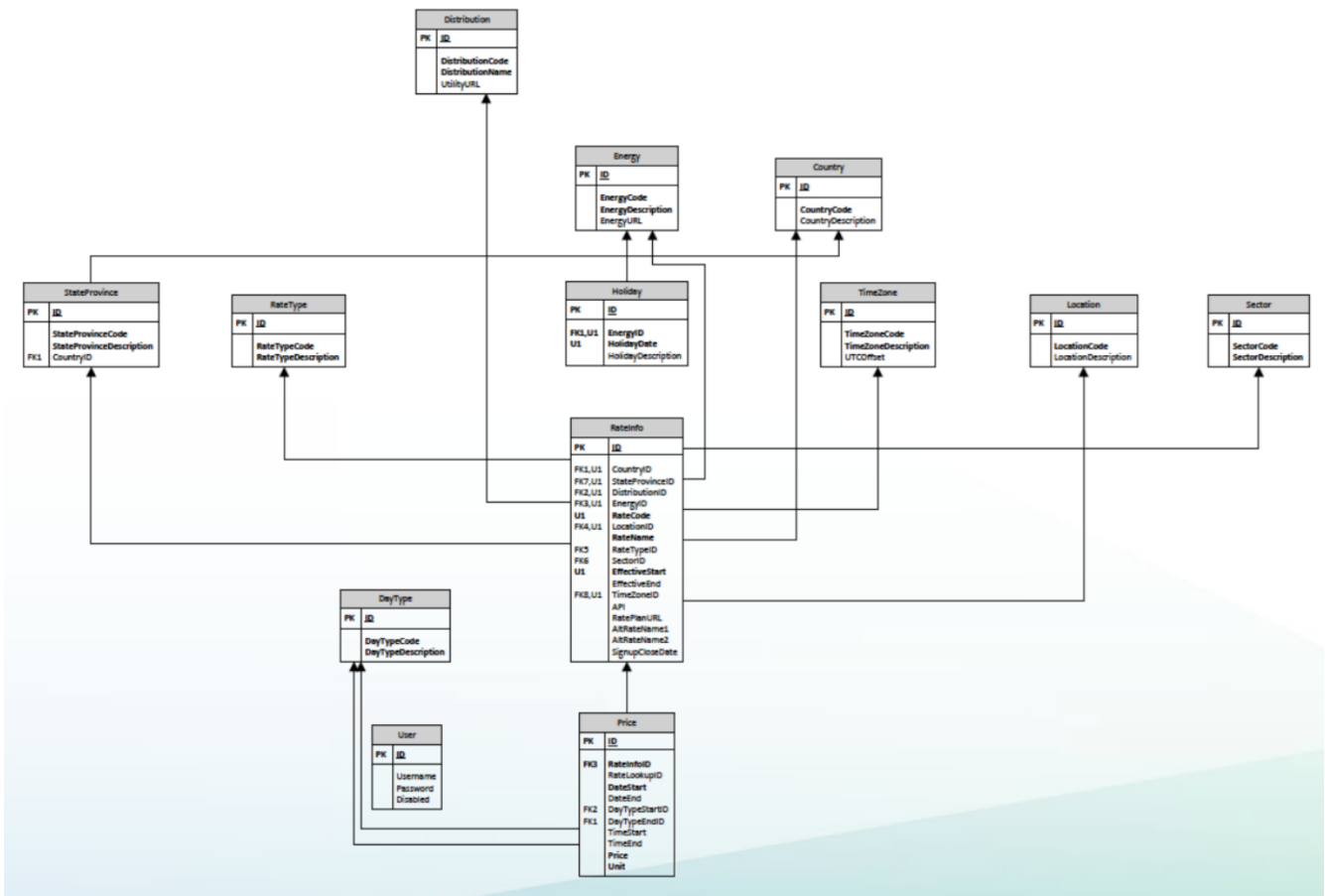


Image taken from TN237439

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