Key Principle 1.4 – Systems that Input into the Real-Time Optimization

Systems and applications that provide input for the Real-Time Market (RTM) optimization engine will be modified to account for Real-Time Co-optimization (RTC) (e.g., the Resource Limit Calculator (RLC)).

Are the systems and applications on ERCOT’s side or the market as well? It’s not clear which systems/applications we are referring to.

# Principle Concepts

# *Approved Principle Concepts*

None

# *Principle Concepts for Voting*

Can we add a brief high-level summary of the items below? An executive type summary (1-2 sentences) of what items one and two below are aiming to do, without the technical jargon.

1. RLC calculated Resource Limits of High Ancillary Service Limits (HASLs) and Low Ancillary Service Limits (LASLs) will be discontinued.
2. High Sustained Limits (HSLs), Low Sustained Limits (LSLs), and telemetered ramp rates will be used directly to calculate High Dispatch Limits (HDLs) and Low Dispatch Limits (LDLs), per the formulas
   1. HDL=Min(HSL,TelemMW+NormalRampRateUp\*5)
   2. LDL=Max(LSL,TelemMW-NormalRampRateDn\*5)

Note: For non-consensus items, opposing key principle or principle concept language would be provided in this form to TAC for their review.

# *Future Decision Points and Issues for Developing Principle Concepts*

1. Telemetry changes associated with any change to the RLC logic

Telemetry for ERCOT and/or the market?

# Applicable Protocol Sections

*Placeholder*