**Concept Paper for Large Loads**

All **Large Loads get a 5ish-min Nodal Price** the Next time we change Load Zones.

In exchange for talking a Nodal Price Large Loads get **Transitional Congestion Revenue Rights** from their Load Zone to their Node for a fixed period of time (Until 12/31/2029?). These TCRRs could be very similar to PCRR’s in they are not free, but at a heavy discounted price. Unlike PCRRs; TCRRs have an end date.

This also solves the Averaging consumption/price problem and lets LL avoid problems with 15-minute pricing and 5-minute consumption.

**Registered Curtailable Loads (RCLs) – This is a superset of loads under ERCOT Control – CLR / NCLR / Interruptible are a subset of RCL’s.**

RCL’s Ramp rates are dictated by the service they provide to ERCOT. (CLR/NCLR). **AS Ramp Rates trump all other ramp rates.**

Loads can move between CLR / NCLR / Interruptible load resources, daily but are always subject to curtailment by ERCOT (part of Registration Process).

 I**nterruptible Load Resources** have a ramp rate limitation of **10% Down and 5% up** per minute.

**RCLs are in the QSE load Shed Table not in the TDSP load Shed Table,** RCLs are deployed before Firm Load Shed.

RCLs can be a portion of a Load, but the RCL is registered with ERCOT as an RCL its ability to move between RCL and Firm Load is restricted and limited in frequency. (ownership change, annual - some longer duration change but possible under specific circumstances).

Only RCL’s can offer AS to ERCOT.

(as part of the RCL definition we need to define NCLRs, we currently have no definition in protocols.)

**RCL are excluded from some of the costs for AS**, IE ECRS, Non-Spin and Reg UP, as they use very little of those services because they are volunteering to be shed first and should not cause a material need for those AS. Large Loads still trip hence they do need RRS and Reg Down and should continue to pay for services they need.

**ERS is not an Ancillary Service** and can be provided by Firm Loads, as such ERS resources stay with the TO for Load Shed.