

CPower TOR Feedback

How can we ensure load is able to participate in Alberta's electricity markets, to the extent they are interested and able to do so?

1. *Ensure that the AESO market systems can handle load bids in their market clearing mechanisms in the same way they handle generator bids*
2. *Enable large loads to register forward capacity amounts of curtail able availability into the forward (day-ahead) energy market (does AESO run a DA market?)*
3. *Pay for this load capacity at the true value of avoided generation capacity on an hourly basis, with additional environmental and T&D benefits included in payments*
4. *Pay load the appropriate energy price when called from these forward markets in the same way a generator is paid*
5. *Enable large loads to bid into the ancillary services markets (operating reserves and regulation – does AESO have these?) under control of the AESO systems (DLC)*
6. *Pay the capacity value of these reserves availability and the appropriate energy value when called*
7. *Enable all of the above through an “open market” mechanism, where any service company (CSP) can handle all of this for any aggregation of loads,*
8. *Do not allow the utilities (LSE) to control this process (inefficiencies vs. CSPs), while recognizing that there may need to be a scheduling mechanism in place between the LSE and CSP*
9. *Provide assistance funding for technical audits of sites to determine load curtailment capability*
10. *Provide assistance funding for any equipment sites may need to enable them to operate in the AESO markets (DLC or EMS equipment)*
11. *Create educational and outreach programs that ensure large power consumers are aware of the programs*

How to acquire sufficient voluntary demand response and maintain system reliability over the next X years in manner consistent with legislation and regulation.

1. *Load participation as above will ensure that AESO “acquires sufficient demand response” – that is “voluntary” in that no load is forced to operate the market, but voluntary does not = free*
2. *Load participation as above will add to system reliability in that properly enabled load is a very effective and efficient form of system reserves particularly with growing renewable*
3. *Load participation as above will help control systems emergencies and energy price spikes, as these are typically the time when load will clear in the market and be called*