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Energy storage

A lot of talk about new power corridors, no mention of energy storage. Centralized generation with shipment of the product (electricity) is a status quo inefficient way of delivering electricity to the public. For every step up in voltage or step down you will lose from 2 to 3% of the generated product. Losing 15 to 25% of your product is not an effective move forward for 2.0. As old plants are decommissioned, new spinning and base load plants will need to be built. Unless one has the clarity to see local and regional energy storage can be used as spinning and base load sources of power when needed. Switching inverter technology can react to sags and surges along the line in milli-seconds instead of minutes like peaker plants. Relying on favorable alternative generation conditions in another State is also foolish. Without energy storage, the grid will become more unstable over time and the cascading shutdown failure experienced in 2011 in Southern California will be more common place. After study, what was the "cure"? It was determined that IID in Imperial county should have energy storage to help keep sags and surges from cascading error faults. So, now IID will build a 40 MWh energy storage facility.