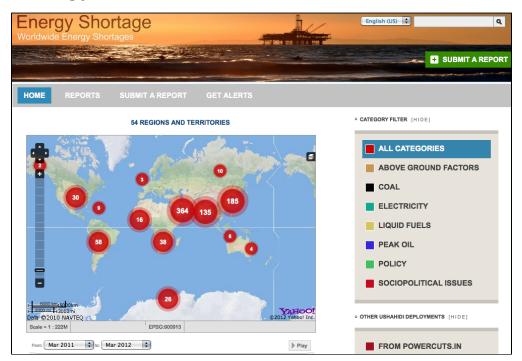# Energy

Energy Shortage

Powercuts India. BBC video about PowerCuts.in by Ajay Kumar

There is a treasure trove of API's here, of interest to those into energy issues. These are US based, but useful nonetheless.

- Smart Energy API:The service works with a SEGmeter sensor connected to an electrical panel to detect the energy flow. It then compiles readings into summarized information, supported by graphical visualizations. The information inputs enable control of utility use and cost, potentially lowering electrical bills and encouraging conservation. API methods support collecting and managing streams of energy flow data by source of demand between start and end dates. Methods deliver cost and carbon footprint by day and at a point in time.
- National Renewable Energy Lab API: The service provides access to authoritative information on uses of alternative energy technologies from the U.S. National Renewable Energy Laboratory (NREL). It provides energy usage and rate data to enable development of renewable energy installations and use of alternative fuels. Resources emphasize electricity generation, solar-power installations in general, and transportation solutions. API methods support access to utilities serving specific locations and electricity rates charged, energy generation and cost savings from photovoltaic (PV) energy systems, and locations of alternative fuel stations. XML and JSON.