

# Energy Storage Resources and Station Power Tariff Definitions

Markets Implementation Committee  
April 13, 2010

- **Revised Section 1.3.33.B:** ““Station Power” shall mean energy used for operating the electric equipment on the site of a generation facility located in the PJM Region or for the heating, lighting, air-conditioning and office equipment needs of buildings on the site of such a generation facility that are used in the operation, maintenance, or repair of the facility. Station Power does not include any energy (i) used to power synchronous condensers; (ii) used for pumping at a pumped storage facility; (iii) used for charging an Energy Storage Resource; or (iv) used in association with restoration or black start service.”
- **New Section 1.3.1G:** “Energy Storage Resource” shall mean flywheel or battery storage facility solely used for short term storage and injection of energy at a later time to participate in the PJM energy and/or Ancillary Services markets as a Market Seller.

- PJM will exclude from the definition of Station Power energy used to charge Energy Storage Resources the same as energy for pumping at pumped storage hydro facilities.
- Flywheel or battery storage facilities that meet the definition of “Energy Storage Resources” will be treated as Market Sellers under PJM’s market rules.
- Manual 28 revisions explain that electric vehicles are supplied at retail even if they sell energy or regulation service at wholesale (i.e. will not be energy solely used for storage and injection and, therefore, not included in the definition of “Energy Storage Resources”).

- **Energy Storage Resources are excluded from Station Power.**
  - Energy used for station power is consumed and not resold.
  - The Commission historically has viewed pump storage use not as the consumption of energy, but rather as the storing of energy for later delivery.
  
- **PJM's proposal is also consistent with recent NYISO and MISO tariff revisions approved by the FERC.**

- Stakeholder endorsement of proposed Tariff revisions
  - MIC: 4/13/2010 (vote)
  - MRC: 4/21/2010 (vote)
  - TAC: 4/29/2010
  - MC: 6/3/2010 (vote)
  
  - FERC filing: June 2010