

## **RPM Net Revenue Components**

RPM Avoidable Costs Workshop November 8, 2006

Frank Racioppi Market Monitoring Unit





Revenues:

- Energy market
  - Day ahead energy market MW and LMP at the specific generator bus.
  - Balancing market energy market MW and LMP at the specific generator bus.
  - Start up and no-load reimbursement for PJM scheduled resources.
  - Operating reserve day ahead and balancing payments.
- Bilateral contracts





## Revenues:

- Ancillary services
  - Regulation
  - Spinning
  - Reactive
  - Black start





Costs:

www.pim.com

- Energy market
  - Includes all PJM dispatched and self scheduled generation
  - Non-exempt generator
    - Utilize submitted cost based offer data
  - Exempt generator
    - Utilize estimated parameter values
      - » Heat rate, start up and no-load
      - » Delivered fuel costs
      - » Emission rates and market credit costs
      - » Variable operations and maintenance costs
      - » Actual bus auxiliary power cost
- eMeter administration charges
- PJM schedule 9.3 charges
- Operating reserve deviation charges

3 ©2005 PJM