Event Analysis

Internal Vetting of Events
September 30, 2015
Southwest Outage

A system disturbance that occurred on the afternoon of September 8, 2011 in the Pacific Southwest, which resulted in cascading outages and left approximately 2.7 million customers (equivalent to five million or more individuals) without power, some for multiple hours extending into the next day. The total load loss for the event was in excess of 30,000 MWh. The event started with a three-phase fault which led to the loss of APS’s Hassayampa-N. Gila 500 kV transmission line (H-NG). This transmission line is a segment of the Southwest Power Link (SWPL), a major transmission corridor transporting power in an east-west direction, from generators in Arizona, through the service territory of Imperial Irrigation District (IID), into Southern California.
Southwest Outage Penalties

- July 7, 2014 – Arizona Public Service Company (APS)
- APS agrees to pay a civil penalty of **$3,250,000**, of which $2,000,000 will be paid to the United States Treasury and NERC, divided in equal amounts, and **$1,250,000 will be invested in reliability enhancement measures that go above and beyond mitigation of the violations and the requirements of the Reliability Standards**. APS also agrees to commit to mitigation and compliance measures necessary to mitigate the violations described in this Agreement, and to make semi-annual compliance reports to Enforcement and NERC for at least one year.
Southwest Outage

Penalties: $37,900,000

- **August 7, 2014** – Imperial Irrigation District (IID)
  - $12,000,000
- **October 21, 2014** – Southern California Edison Company (SCE)
  - $650,000
- **November 24, 2014** – Western Area Power Administration – Desert Southwest Region (Western-DSW)
  - $0
  - Western-DSW agrees to commit to mitigation and compliance measures necessary to mitigate the violations described in the Agreement, and to make semi-annual compliance reports to Enforcement and NERC for at least one year
Southwest Outage Penalties: $37,900,000

  - $6,000,000
- May 26, 2015 – Western Electricity Coordinating Council (WECC), and Peak Reliability (Peak)
  - $16,000,000
- Total penalties:
  
  $37,900,000 (US Treasury and NERC -$10,250,000)
RCWG Event Analysis Task Force

• Work with SPP Event Analysis Working Group (EAWG)

• Current Tasks
  o Develop a compliance assessment template associated with Event Categories
  o Share best practices and lessons learned with redacted information, if the event information is still useful
  o Discuss with entities at the Forum, how they vet events internally, and share processes

• Please join us for the Task Force Meetings!
Internal Vetting of Events

Please share your processes!