

System Condition Update

Spring Operations Review Forum Regional Conference Call

April 22, 2011

1:00 – 2:00 p.m.

To participate in the call please dial: **(888) 296-1938**

When prompted, enter access code: **715400**



Key Points

- Grand Coulee April 30th FCE Final 1220.2 (ft).
- No Lack-of-Market (LOM) spill observed since Monday (4/11) at HE07. BPA has accumulated over 110,500 MWh of LOM spill since March 30th.
- Total wind accumulation of Generation Imbalance (over-generation) has exceeded 19,300 MWh of unscheduled and uncoordinated energy between March 30th and April 19th.
 - Average rate of generation imbalance has been 40 MW per hour over the entire period.
 - Average rate has decreased to 13 MW per hour since April 11th.
- McNary is the only project spilling above prescribed fish passage requirements due to lack of turbine capacity. TDG levels are now below 120%.
- The likelihood of LOM spill appears low through next week.

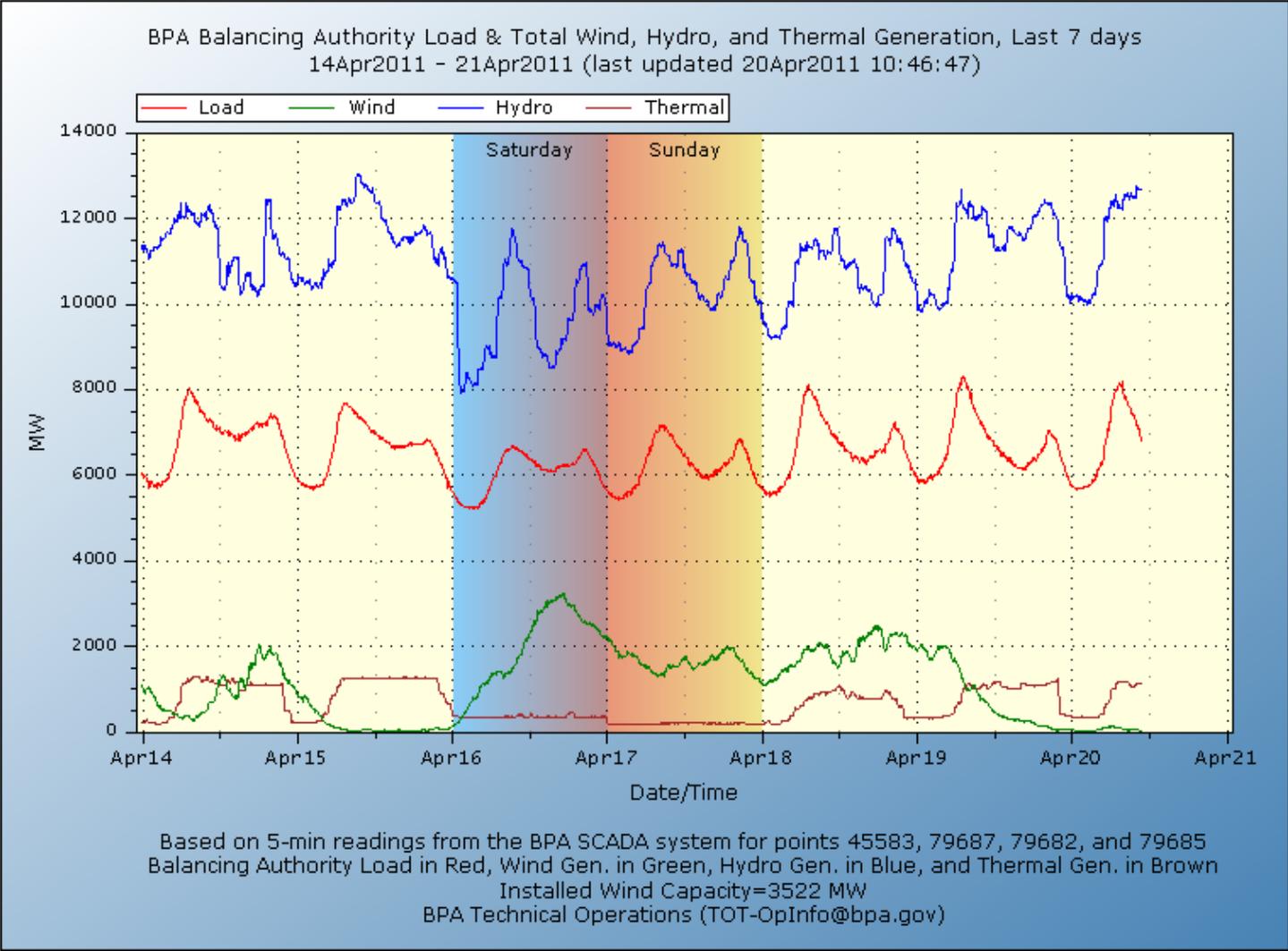
Actions to manage overgeneration

- We are not currently experiencing over-generation supply conditions.
- At present, the only direct action being taken to manage over-generation supply is aggressively drafting Grand Coulee.

Weather and Streamflow

- May experience modest streamflow increases this week.
- Moderate precipitation this week, with snow levels briefly rising and then falling again.
- No sustained warming trends expected in the next week, perhaps longer.
- Higher mountain snowpack is not ready to melt.
- Snow remains on the ground at unusually low elevations.
 - If temperatures increase to seasonally normal levels, could trigger stream responses rather quickly.
- Now that it is spring, windy periods are likely each time a front passes across the region.

Balancing Authority Load and Total Wind, Hydro, and Thermal Generation



Transmission Updates

- AC N>S
 - 4/23 to 4/24 : 1400 MW due to PG&E AC RAS testing
 - 4/25 to 4/30 : 3550 MW due to BPA Buckley-Grizzly 1 500 kV line outage
 - DC N>S
 - 2990 MW : Studied at rated capacity for various outages over next week
 - NI S>N
 - 1950 MW : Various outages with potential of < 10% reductions in capacity
 - AC+DC Intertie (AC + DC N to S) Capacity Utilization (03/23– 04/21)
 - All Hours: 62.5%
 - Heavy Load Only: 66.9%
 - Light Load Only: 56.5%
 - BC Intertie (S to N) Capacity Utilization (03/23– 04/21)
 - All Hours: 55.2%
 - Heavy Load Only: 48.8%
 - Light Load Only: 63.9%
 - Montana-PNW Utilization (03/23– 04/21)
 - All Hours: -395 MW
 - Heavy Load Only: -474 MW
 - Light Load Only: -301 MW
- ***The PNW is a net importer of energy from Montana***