

System Condition Update

Spring Operations Review Forum Regional Conference Call

May 6, 2011

1:00 – 2:00 p.m.

To participate in the call please dial: **(877) 322-9654**

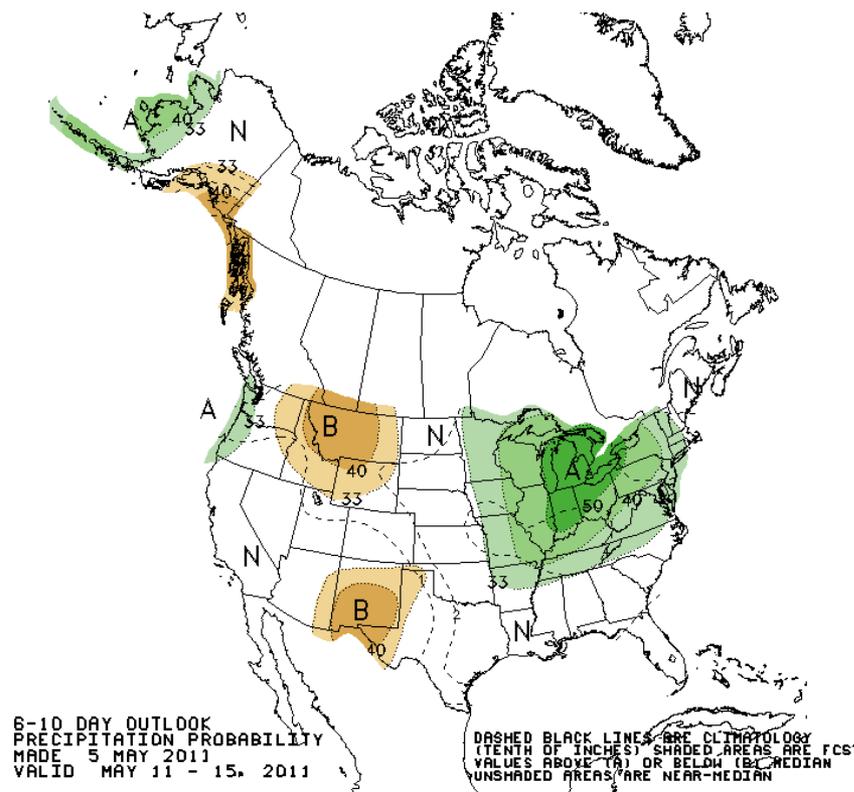
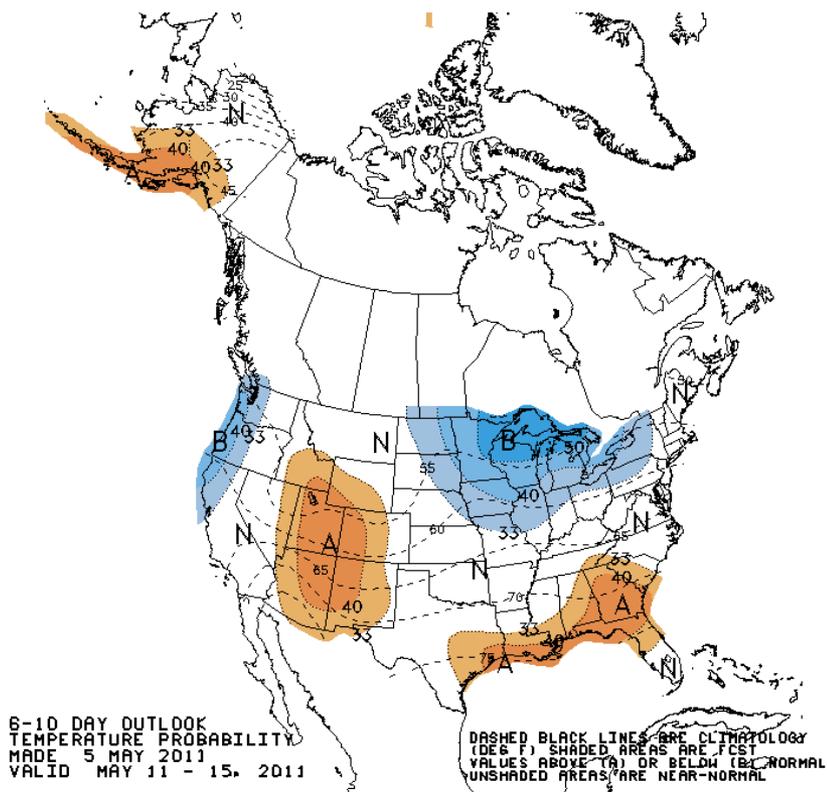
When prompted, enter access code: **328457**



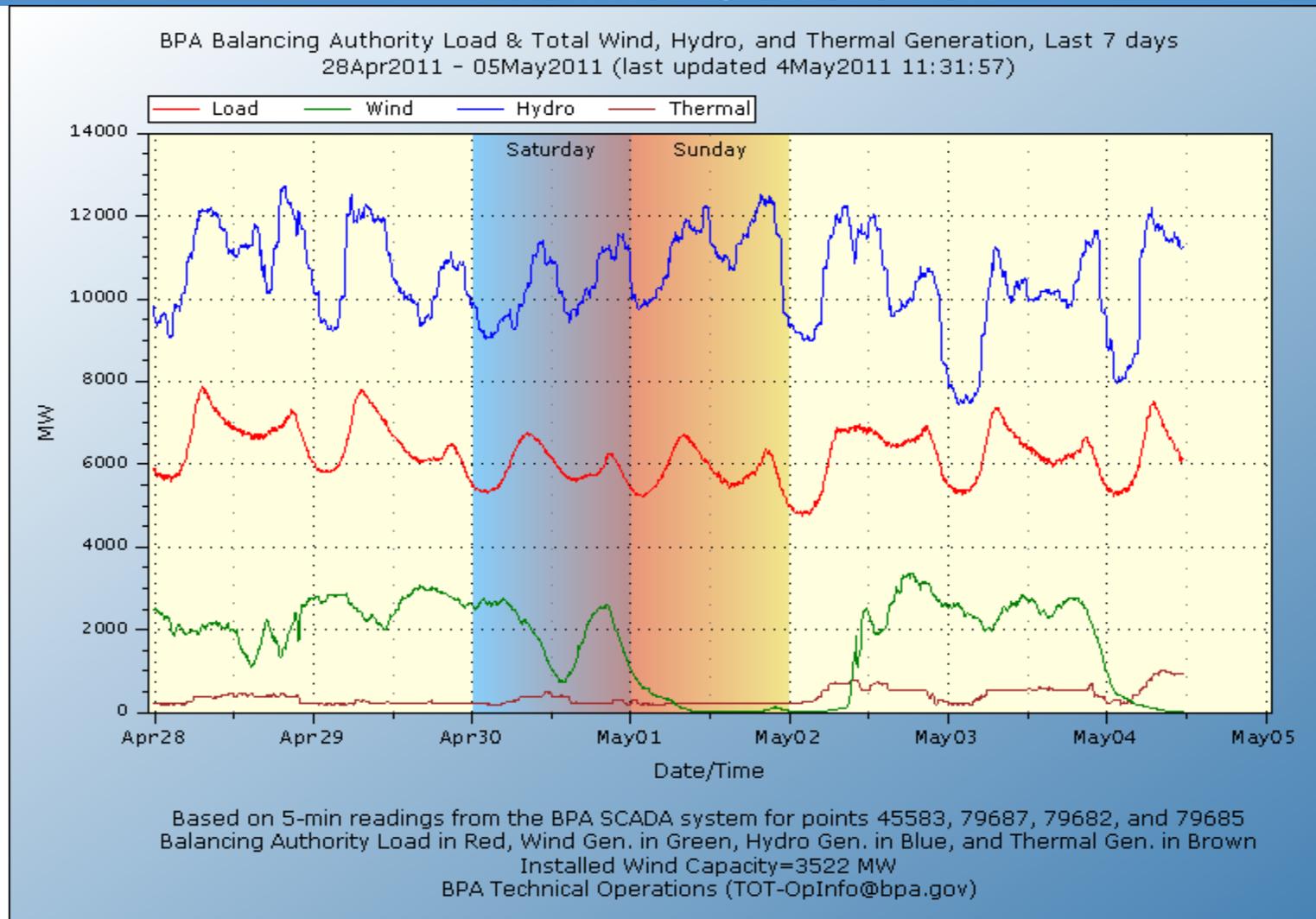
Key Points

- Grand Coulee (GCL) will be operating within a few feet of the flood control elevation until released for refill.
- Lack of Demand spill has ceased since Monday (4/11) at HE07.
 - BPA has accumulated over 110,500 MWh of Lack of Demand spill since March 30th.
- McNary is occasionally spilling above their fish passage requirements due to lack of turbine capacity; however, total dissolved gas levels are below 120%.
- We are not currently experiencing overgeneration supply conditions.
- At present, the following actions are being taken:
 - Offering Spill Exchange Agreements to counter-parties with hydro resources.
 - Positioning Banks Lake to have the maximum amount of pump load available during May and June
 - Moved non-essential generator and transmission maintenance outages out of May and June.

Weather and Streamflow



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



Transmission Updates

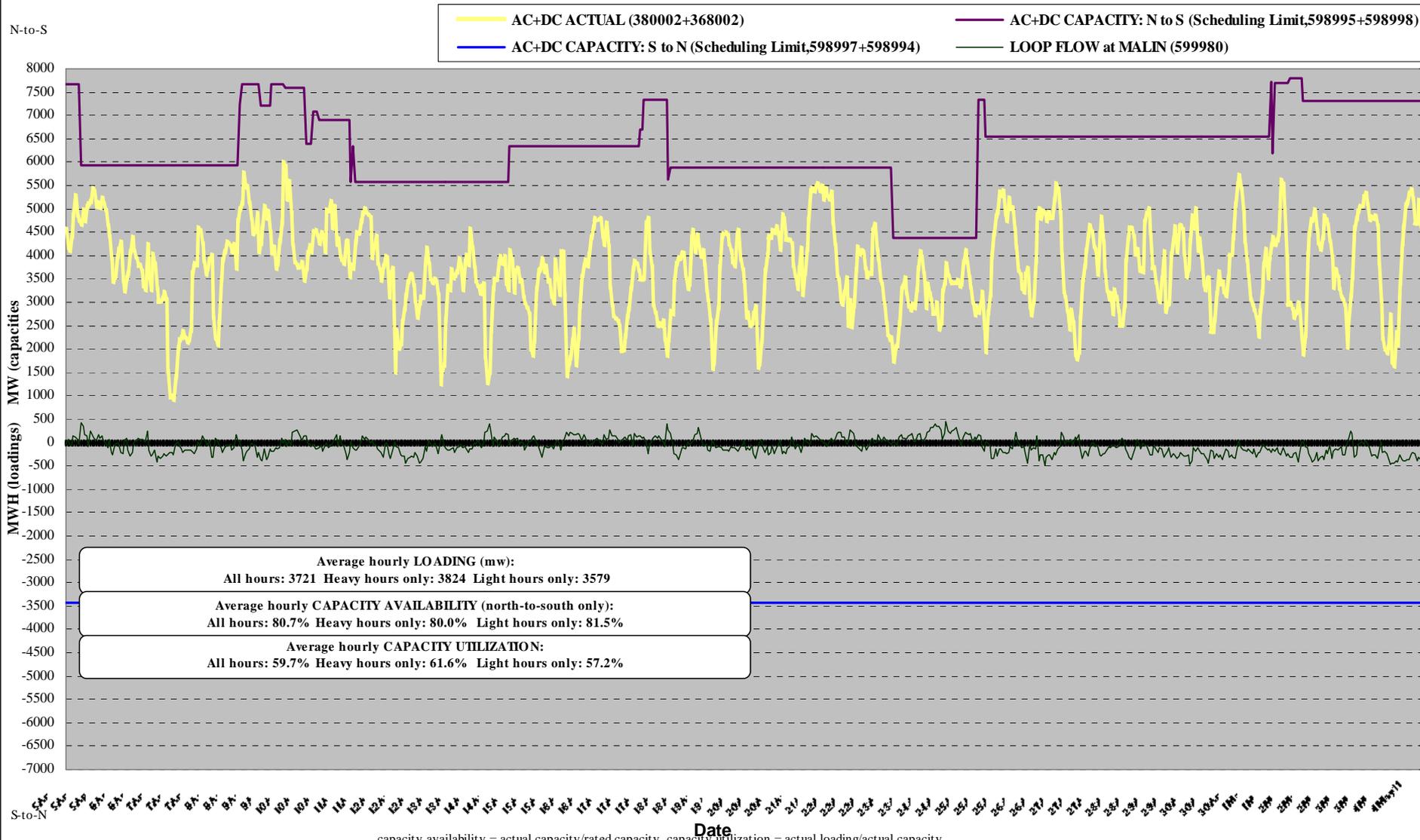
- **COI + PDCI (N to S) Capacity Utilization (04/04 – 05/03)**
 - All Hours: 59.7%
 - Heavy Load Only: 61.4%
 - Light Load Only: 57.3%
- **Northern Intertie (S to N) Capacity Utilization (04/04 – 05/03)**
 - All Hours: 51.4%
 - Heavy Load Only: 43.2%
 - Light Load Only: 62.6%
- **Montana-PNW Average Utilization (04/04 – 05/03)**
 - All Hours: -415 MW
 - Heavy Load Only: -506 MW
 - Light Load Only: -308 MW
 - ***The PNW is a net importer of energy from Montana***

Transmission Updates

- **COI (North to South)**
 - 5/2 to 5/5 : 4325 MW due to CISO - Table Mountain-Tesla 500kV Series Caps at Tesla
 - 5/5 to 5/7 : 4700 MW due to BPA – Paul-Allston 1 500 kV line outage
 - 5/6: 2900 MW due to WAPA - Captain Jack-Olinda 1 500kV Line
 - 5/7: 4330 MW due to PACW - Dixonville-Meridian 1 500kV Line
 - 5/9 to 5/15 : 4100 MW due to CISO - Los Banos-Gates 1 500kV Series Caps at Gates
 - 5/10: 2950 MW due to CISO - Round Mountain-Table Mountain 2 500kV Line
- **PDCI (North to South)**
 - 2990 MW : Studied at rated capacity for various outages over next seven days
- **Northern Intertie (S to N)**
 - 1950 MW : Various outages over next seven days

AC+DC INTERTIE AVAILABILITY & UTILIZATION: 05APR11 - 04MAY11 (30 days)

ACTUAL LOADINGS and CAPACITIES, BY HOUR



capacity availability = actual capacity/rated capacity, capacity utilization = actual loading/actual capacity
 Source: Hourly data via RODS; Capacities are those at COB or NOB and reflect total path scheduling limit

Actuals may exceed scheduling limit as long as conditions remain within North-of-John-Day vs. COI & PDCI operating nomogram limits

Contact Information

- To discuss commercial operations, including Spill Exchange Agreements and other operations flexibility terms, please contact:
 - Alex Spain, (503) 230-5780, ajspain@bpa.gov.

- For additional information on Overgeneration, please contact:
 - Project Manager: Nita Burbank, (503) 230-3935, nmburbank@bpa.gov
 - Public Engagement: Kurt Lynam, (503) 230-5218, kolynam@bpa.gov