

System Condition Update

Spring Operations Review

May 9, 2013

2:00 – 3:00 p.m.

To participate in the call please dial: **(877) 336-1839**

When prompted, enter access code: 1687421

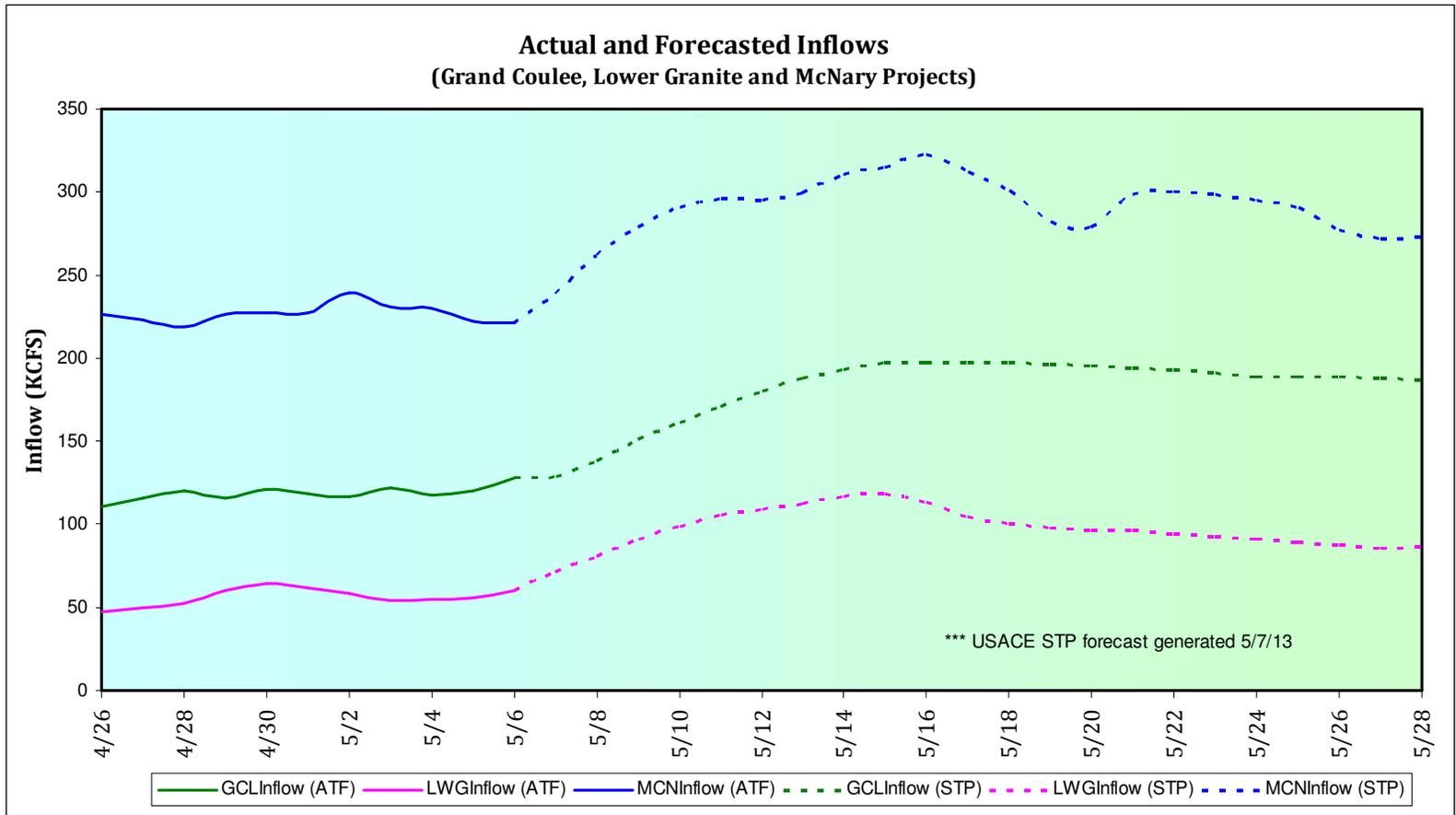
Hydro Operations Update

- The Federal Columbia River Power System is being operated for system wide flood control objectives.
- Currently passing inflow at GCL waiting for refill to begin.
- Reservoir operations is expected to transition to refill around May 10.
- Operating the system for flood control operations of max flow of 325 kcfs at Bonneville.
- The NW River Forecast Center's May 7 May Official Water Supply Forecast for January-July at The Dalles is 92.4 million acre-feet.

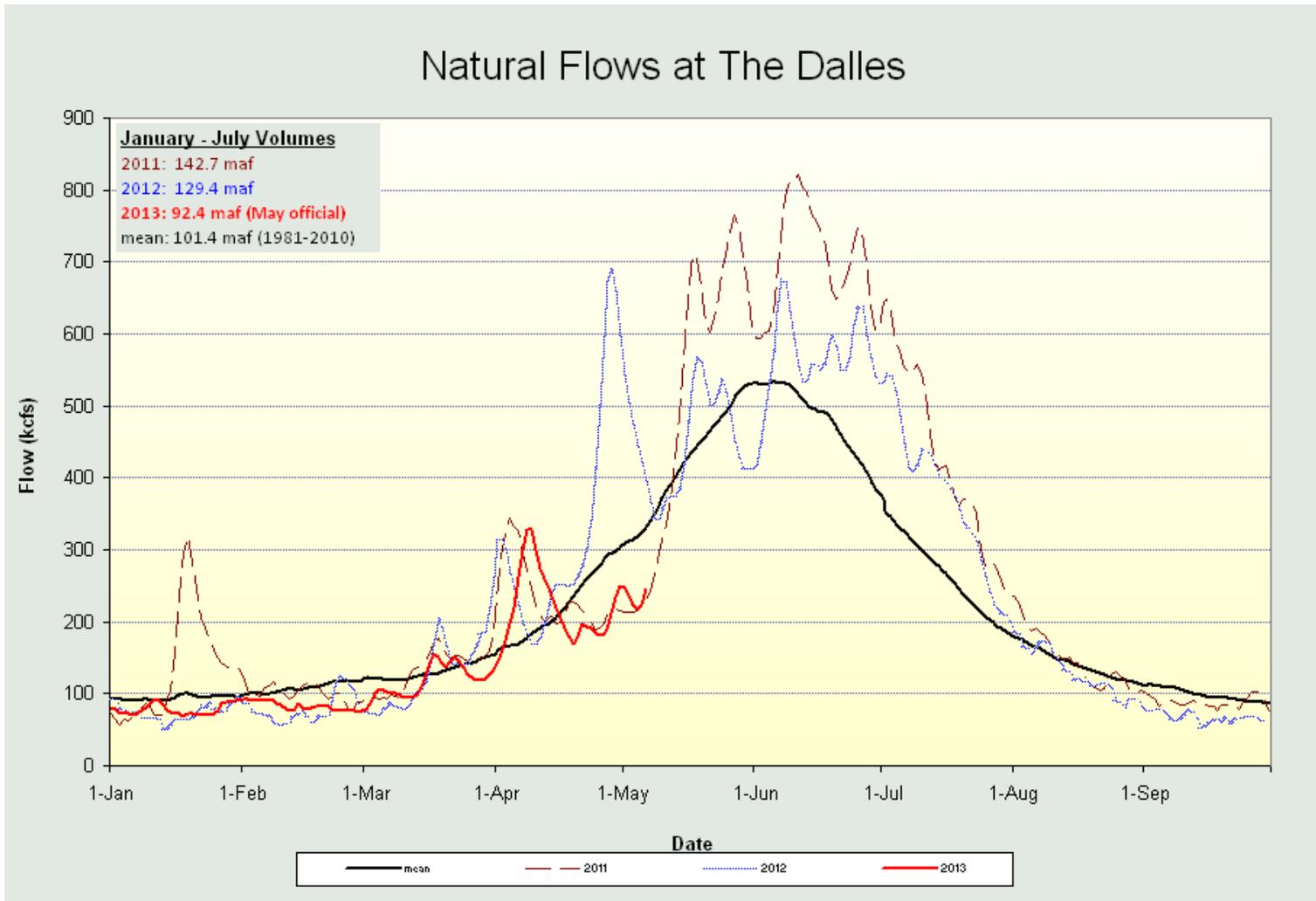
Actions to manage oversupply

- To the extent possible BPA will coordinate spill exchange with the Mid-Columbia projects under the Mid-Columbia Spill Exchange agreement.
- Due to outages at the Key's Pumping Plant there is limited flexibility in the pumping schedule but as pumping units return to service BPA will attempt to maximize the amount of pump load especially during LLH's.
- Moved non-essential generator and transmission maintenance outages out of May and June.
- Have arranged to spill at the Willamette projects up to total dissolved gas (TDG) limits.
- There has been limited spill due to lack of demand within water quality limits.
- Recallable energy is being used to reduce the amount of over-generation spill and OMP.
- INC/DEC will be reduced as necessary to manage TDG levels and reduce the chance of implementing OMP.
- BPA will exercise displacement options on power purchase agreements.
- CGS will be out of service starting May 11 for a refueling outage.

Actual and Forecasted Flows



Weather and Streamflow



Weather and Streamflow

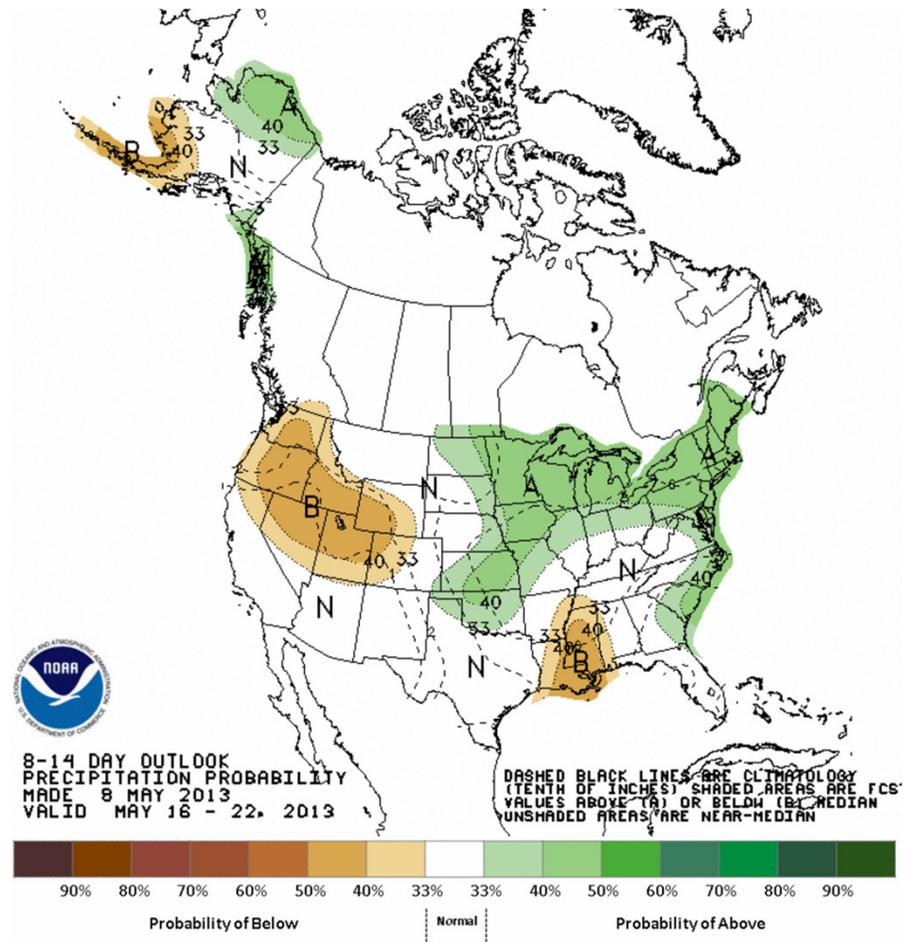
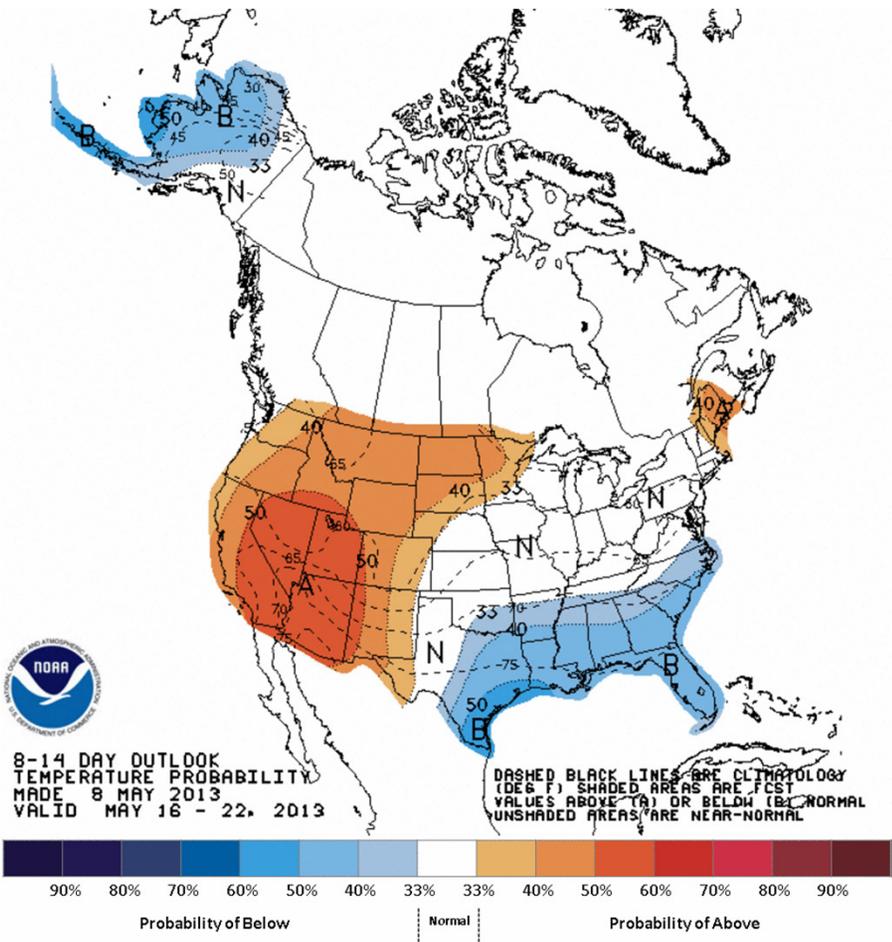
Volume remaining at selected sites (kAF)

Runoff-processor date: May 4
 RFC Volume Forecast: May 6

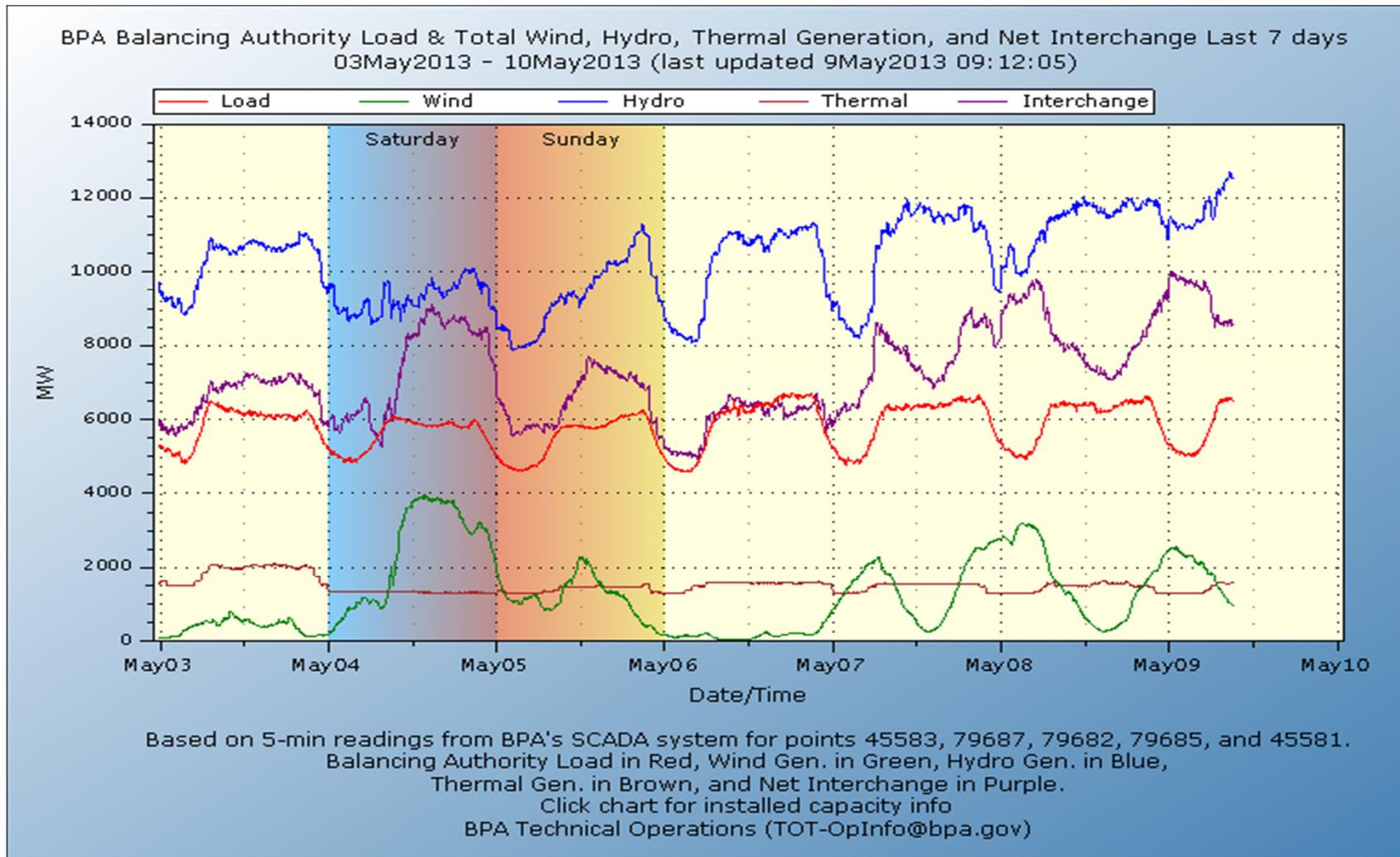
	<i>May 6</i>	<i>May 4</i>	
	NWRFC	Observed	Percent
January-July	ESP volcast	Since 1-Jan	Remaining
Grand Coulee	59,345	16,920	71.5%
Lower Granite	19,459	8,914	54.2%
The Dalles	92,424	33,417	63.8%

	NWRFC	Observed	Percent
April-August	ESP volcast	Since 1-Apr	Remaining
Grand Coulee	57,373	8,655	84.9%
Lower Granite	15,674	3,852	75.4%
The Dalles	82,502	15,429	81.3%

Weather and Streamflow



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



Transmission Updates

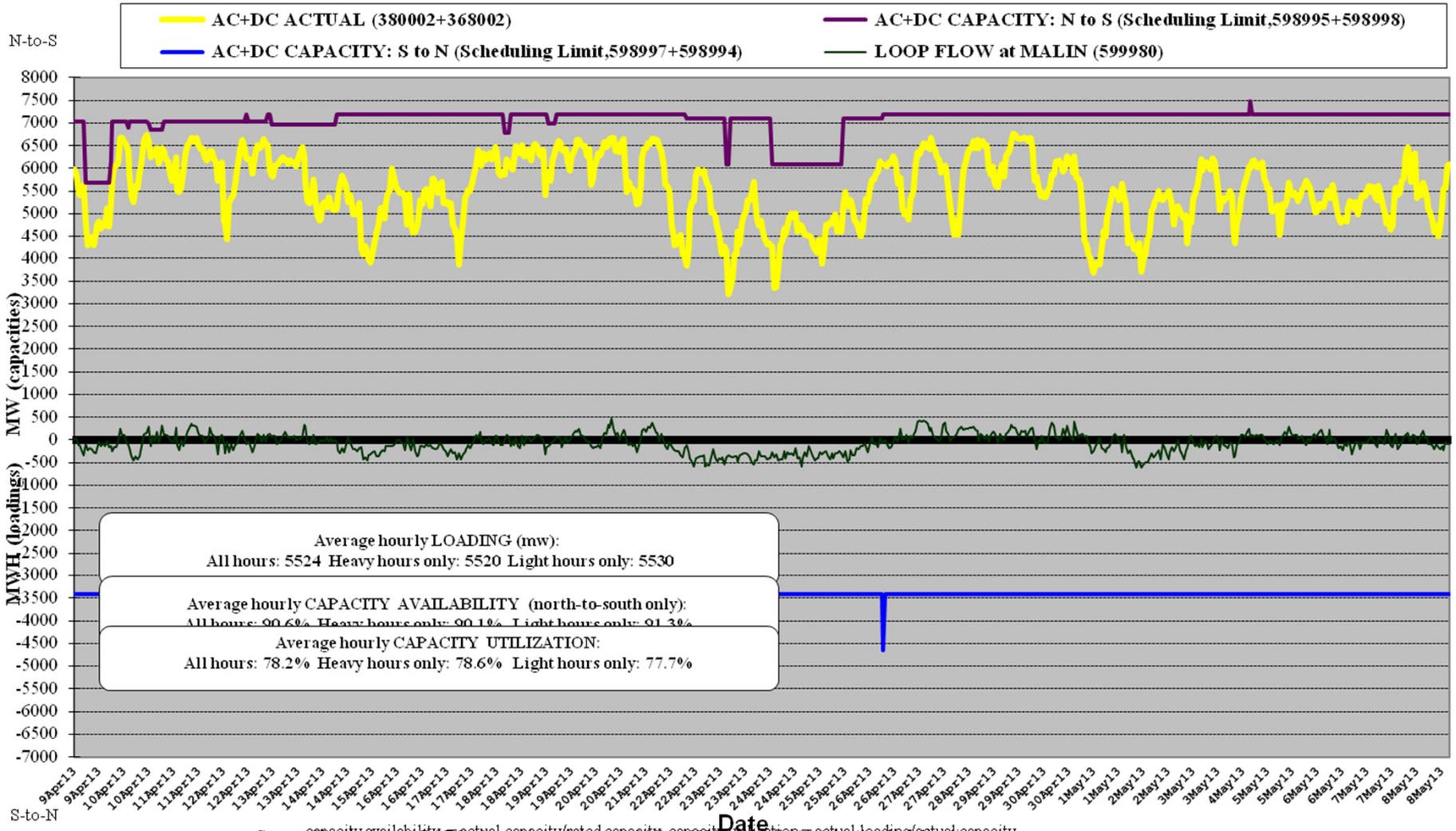
■ COI N>S

- 4250 MW: 5/9 HE 16 to 5/10 HE 24 due to CISO-Round Mountain-Table Mountain 1 500kV Series Cap Bank 1 at Table Mountain.
- 4100 MW: 5/11 HE 01 to 5/11 HE 08 due to BPA - NW Generation Resources
- 3500 MW: 5/11 HE 08 to 5/17 HE 16 due to BPA-Ashe-Slatt 1 500kV Line; BPA-Ashe-Marion 2 500kV Line; and BPA - NW Generation Resources

■ PDCI N>S

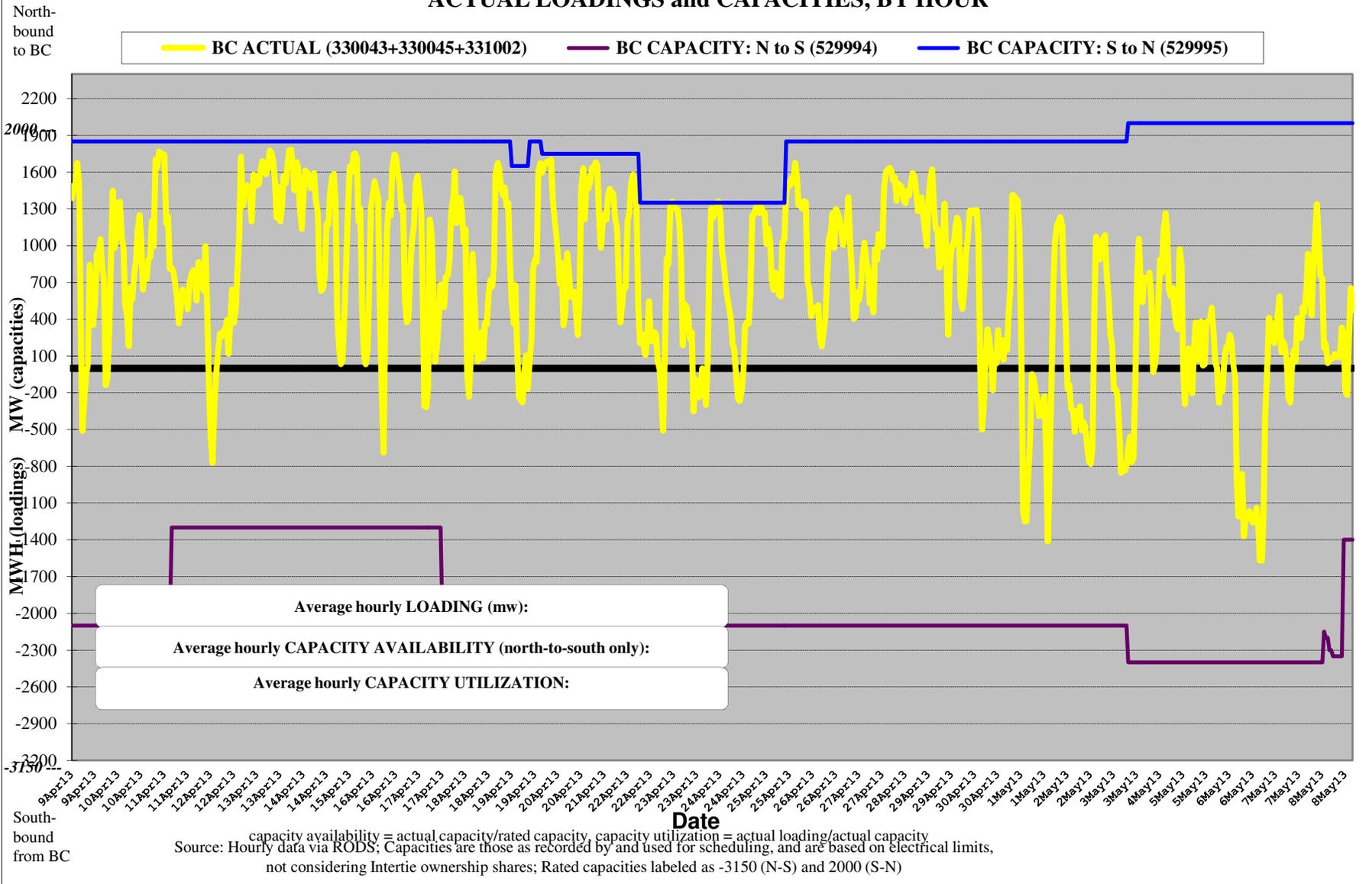
- 2990 MW: At rated capacity next 7 days

AC+DC INTERTIE AVAILABILITY & UTILIZATION: 09APR13 - 08MAY13 (30 days) ACTUAL LOADINGS and CAPACITIES, BY HOUR



Source: Hourly data via BODS. Capacities are the sum of COI capacity and PDCI capacity. Actual loading/actual capacity. Actuals may exceed scheduling limit as long as conditions remain within North-of-John-Day vs. COI & PDCI operating nomogram limits

BC INTERTIE (WEST+EAST) AVAILABILITY & UTILIZATION: 09APR13 - 08MAY13 (30 days)
ACTUAL LOADINGS and CAPACITIES, BY HOUR



Contact Information

- To discuss within month commercial transactions, please contact Robert Johnson at (503) 230-3183, rcjohnson@bpa.gov.
- To discuss prompt month and forward transactions, please contact Alex Spain at (503) 230-5780, ajspain@bpa.gov or Mark Miller at (503) 230-5780, memiller@bpa.gov.
- For additional information on Oversupply, please contact:
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Public Engagement: Maryam Asgharian - (503) 230-4413, maasgharian@bpa.gov
- Oversupply website:
<http://www.bpa.gov/corporate/AgencyTopics/ColumbiaRiverHighWaterMgmt/>