

System Condition Update

Spring Operations Review

June 27, 2013

2:00 – 3:00 p.m.

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

When prompted, enter access code: 1687421

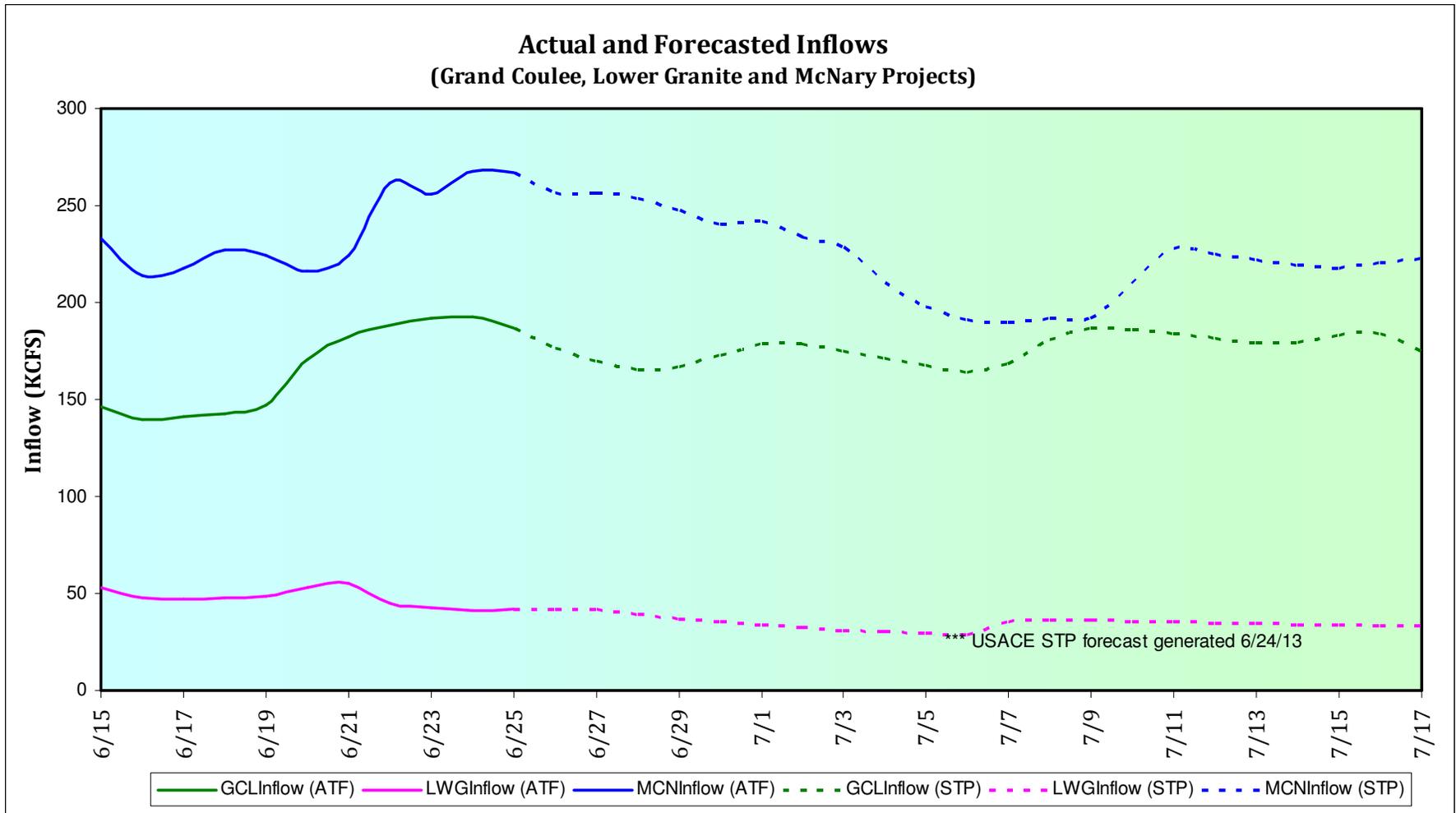
Hydro Operations Update

- The Federal Columbia River Power System is being operated for system wide refill objectives.
- Currently operating to refill Grand Coulee and other headwater projects per BiOp requirements.
- Operating the system for flood control operations of maximum instantaneous flow of 350 kcfs at The Dalles and maximum hourly flow of 360 kcfs at John Day.
- The NW River Forecast Center's June 26 Official Water Supply Forecast for January-July at The Dalles is 98.2 million acre-feet.

Actions to manage oversupply

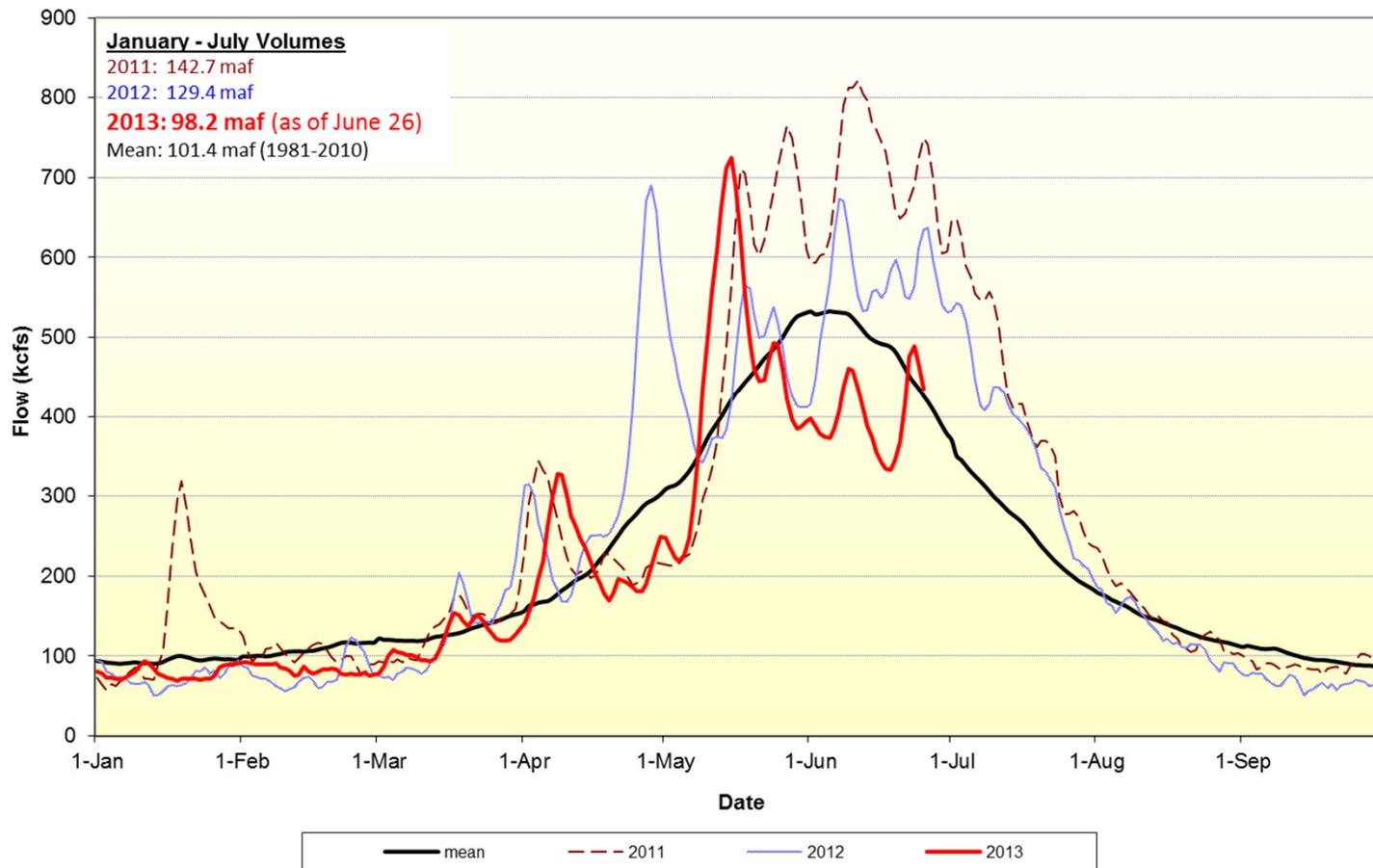
- To the extent possible BPA will coordinate spill exchange with the Mid-Columbia projects under the Mid-Columbia Spill Exchange agreement.
- BPA will attempt to maximize the amount of pump load with available pumping units during LLH's.
- Moved non-essential generator and transmission maintenance outages out of May and June.
- Have arranged to spill at the Willamette projects up to TDG limits.
- There has been 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 refueling outage is complete and the project is in the process of returning to service.
- BPA has made arrangements with a few counterparties to waive loss returns.

Actual and Forecasted Flows



Weather and Streamflow

Natural Flows at The Dalles



Weather and Streamflow

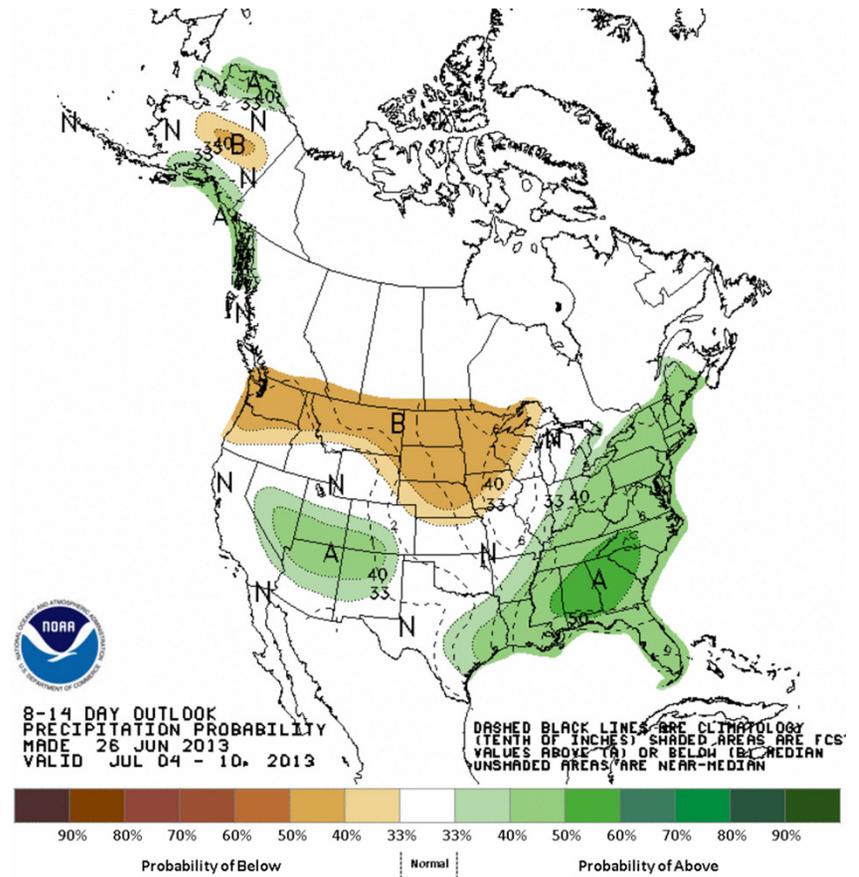
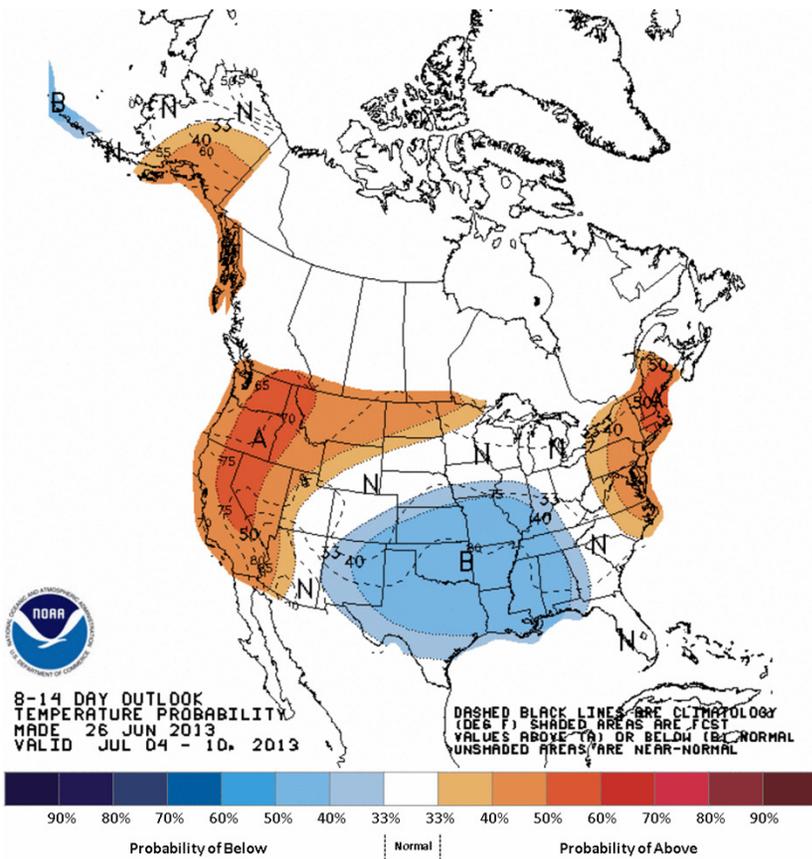
Volume remaining at selected sites (kAF)

Runoff-processor date:	Jun 24
RFC Volume Forecast:	Jun 26

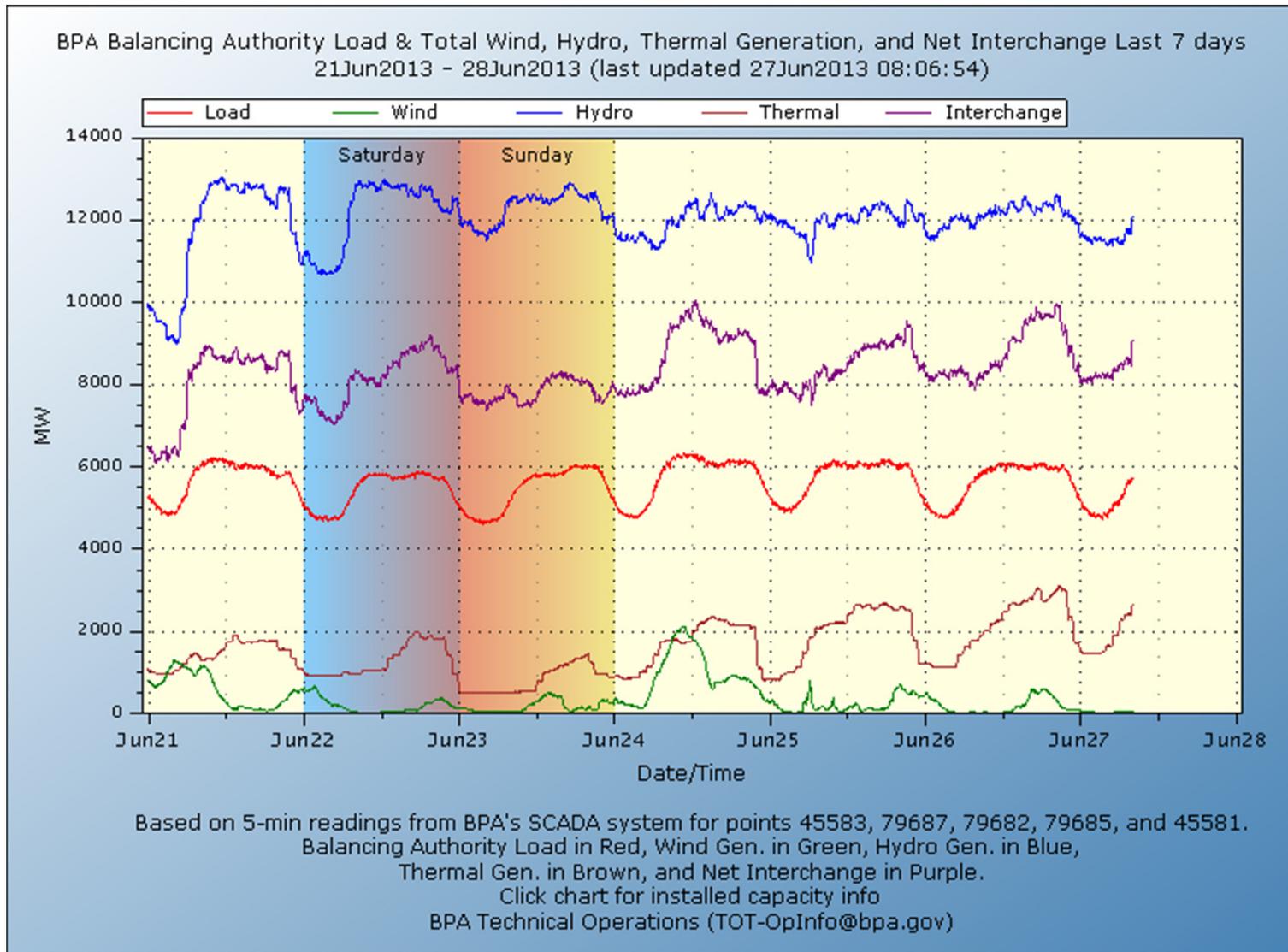
	<i>Jun 26</i>	<i>Jun 24</i>	
	NWRFC	Observed	Percent
<u>January-July</u>	ESP volcast	Since 1-Jan	Remaining
Grand Coulee	64,034	49,197	23.2%
Lower Granite	19,281	17,174	10.9%
The Dalles	98,272	79,206	19.4%

	NWRFC	Observed	Percent
<u>April-August</u>	ESP volcast	Since 1-Apr	Remaining
Grand Coulee	61,993	40,932	34.0%
Lower Granite	15,413	12,112	21.4%
The Dalles	88,392	61,218	30.7%

Weather and Streamflow



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



Transmission Updates

■ COI N>S

- 4225 MW: To 6/27 HE 19 due to CISO-Round Mountain-Cottonwood 230kV #2; Cottonwood CB 292
- 4500 MW: 6/27 HE 20 to 6/28 HE 08 due to CISO-Los Banos-Gates 1 500kV Line
- 3975 MW: 6/28 HE 09 to 6/28 HE 22 due to CISO-Tracy-Los Banos 500kV Line

■ PDCI N>S

- 2990 MW: At rated capacity over next 7 days.

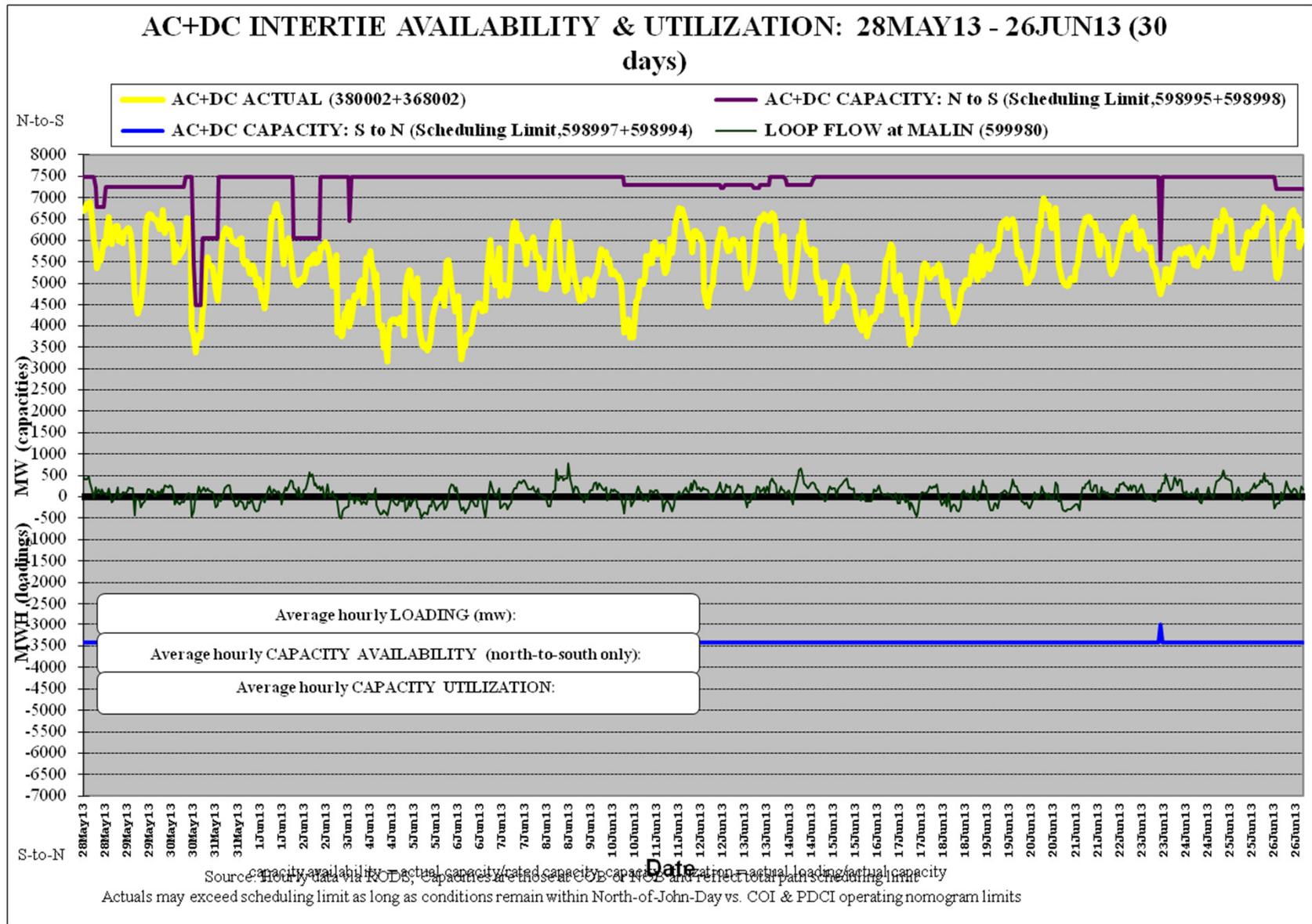


Chart available on BPA's website at: http://transmission.bpa.gov/business/operations/intertie/interties/ac_dc.xls

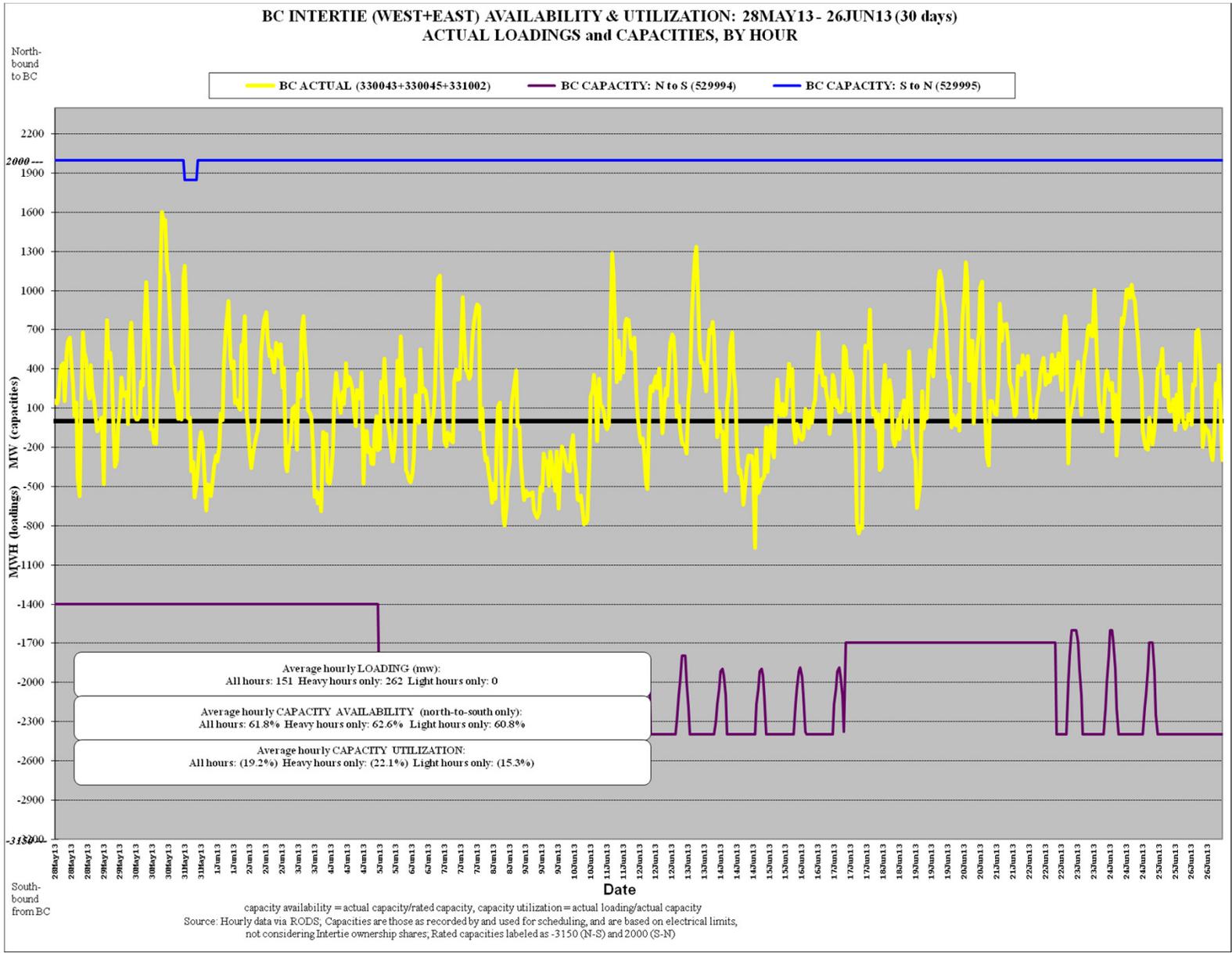


Chart available on BPA's website at: <http://transmission.bpa.gov/business/operations/intertie/interties/bcinter.xls>

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:
Project Manager: Nita Burbank - (503) 230-3935, nmburbank@bpa.gov
Public Engagement: Maryam Asgharian - (503) 230-4413, maasgharian@bpa.gov
- Oversupply website:
<http://www.bpa.gov/corporate/AgencyTopics/ColumbiaRiverHighWaterMgmt/>