

# System Condition Update

## Spring Operations Review

May 30, 2013

2:00 – 3:00 p.m.

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

When prompted, enter access code: 1687421

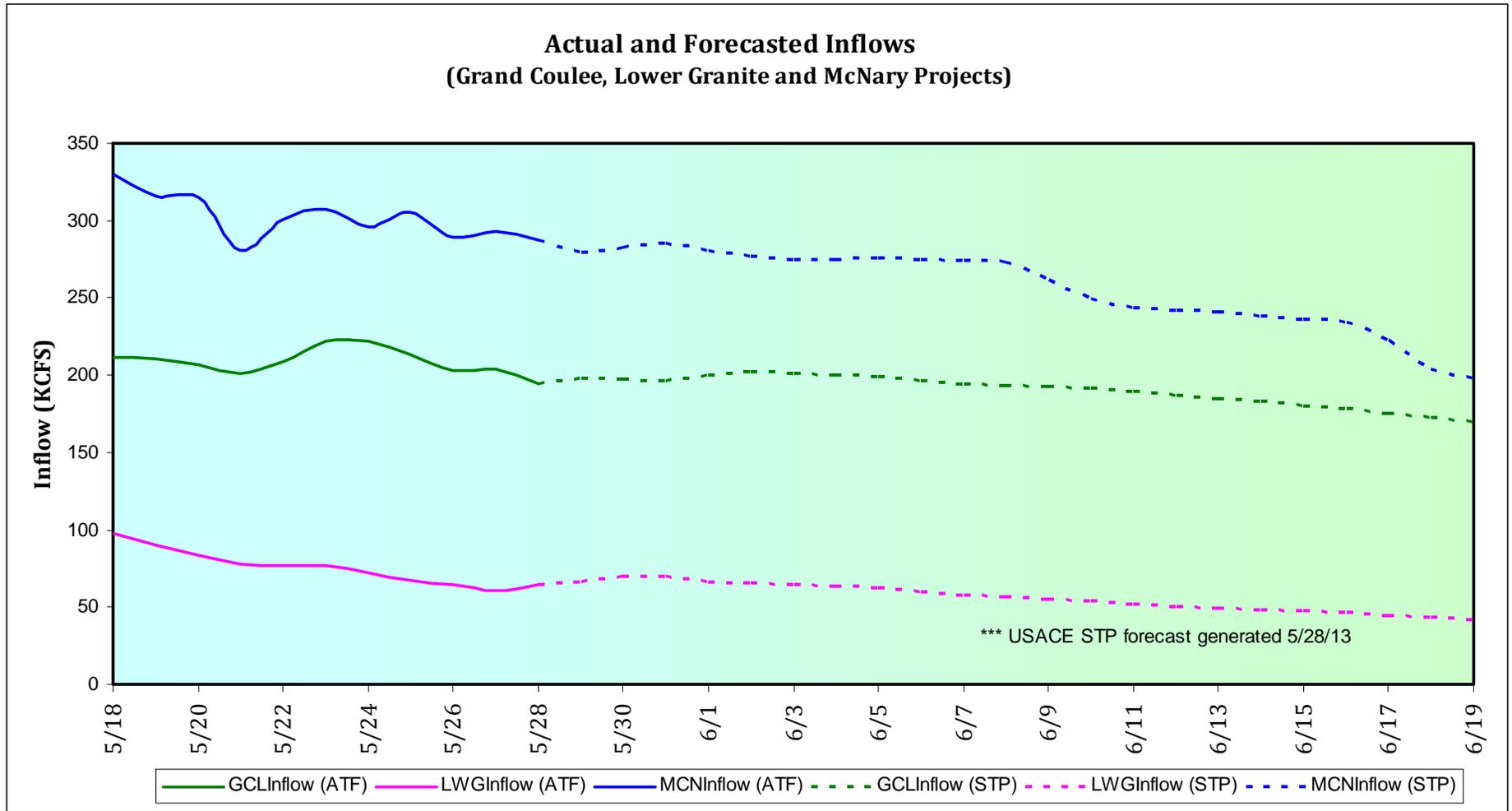
# Hydro Operations Update

- The Federal Columbia River Power System is being operated for system wide flood control and refill objectives.
- Currently operating GCL to not exceed 1279.4 feet prior to June 1 after which time the project will refill per BiOp requirements.
- Operating the system for flood control operations of maximum instantaneous flow of 350 kcfs at TDA and maximum hourly flow of 360 kcfs at JDA.
- The NW River Forecast Center's May 27 Official Water Supply Forecast for January-July at The Dalles is 95.8 million acre-feet.

# Actions to manage oversupply

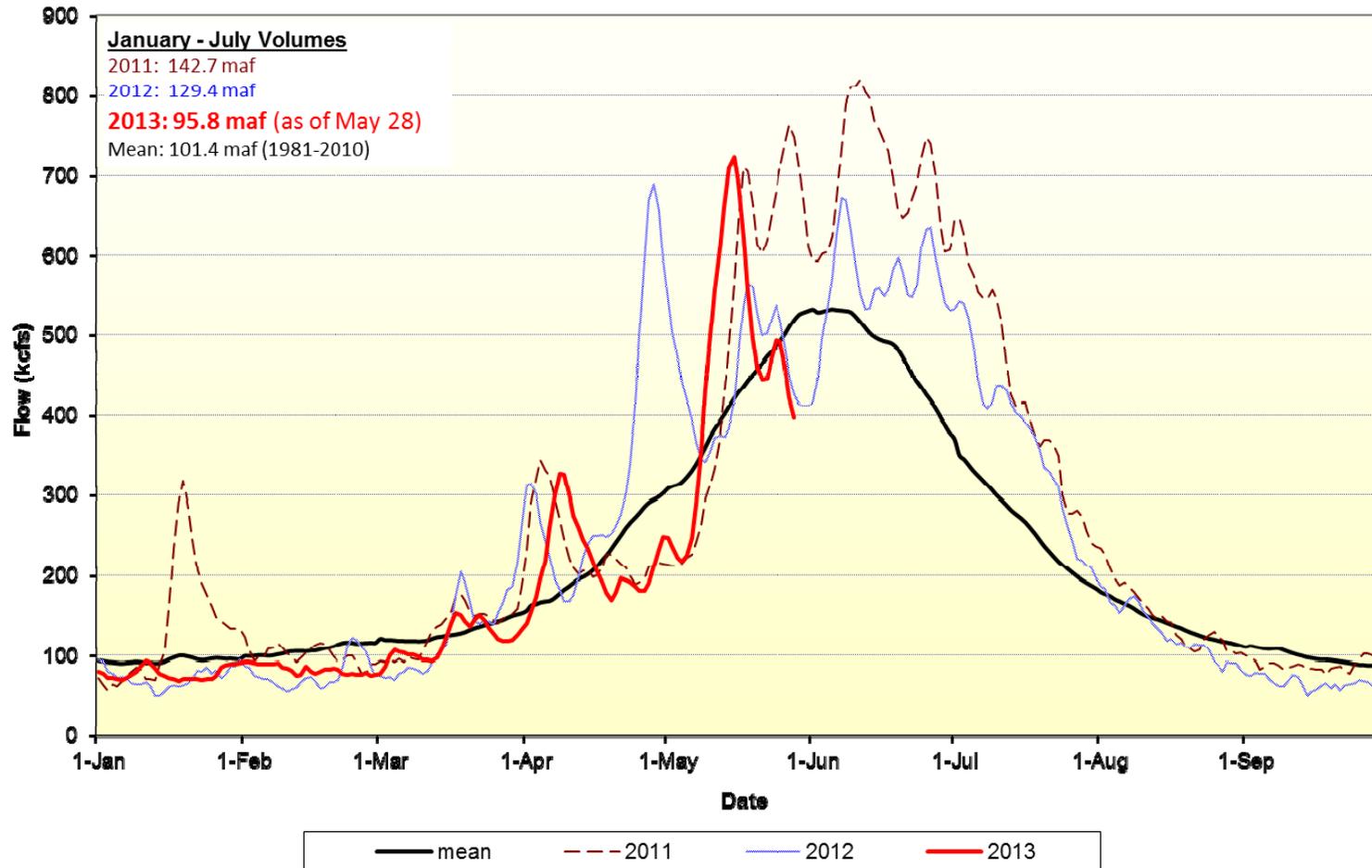
- To the extent possible BPA will coordinate spill exchange with the Mid-Columbia projects under the Mid-Columbia Spill Exchange agreement.
- BPA will attempt to maximize the amount of pump load with available pumping units during LLH's.
- Moved non-essential generator and transmission maintenance outages 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 is out of service for refueling until the middle of June.
- 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)

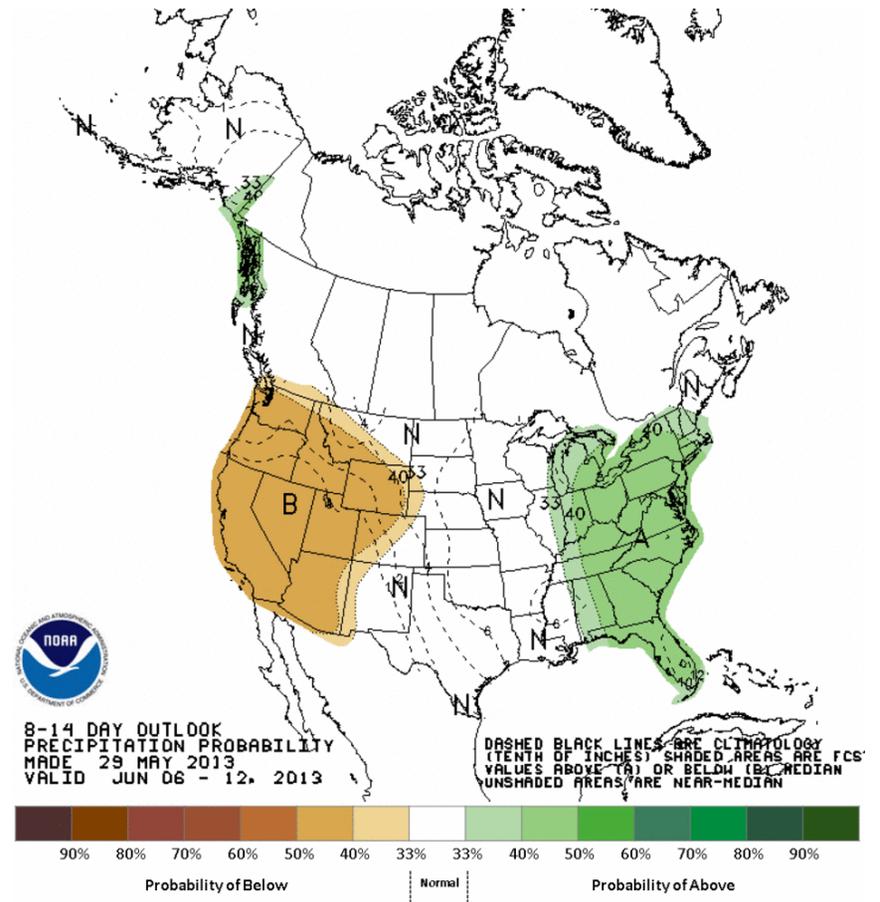
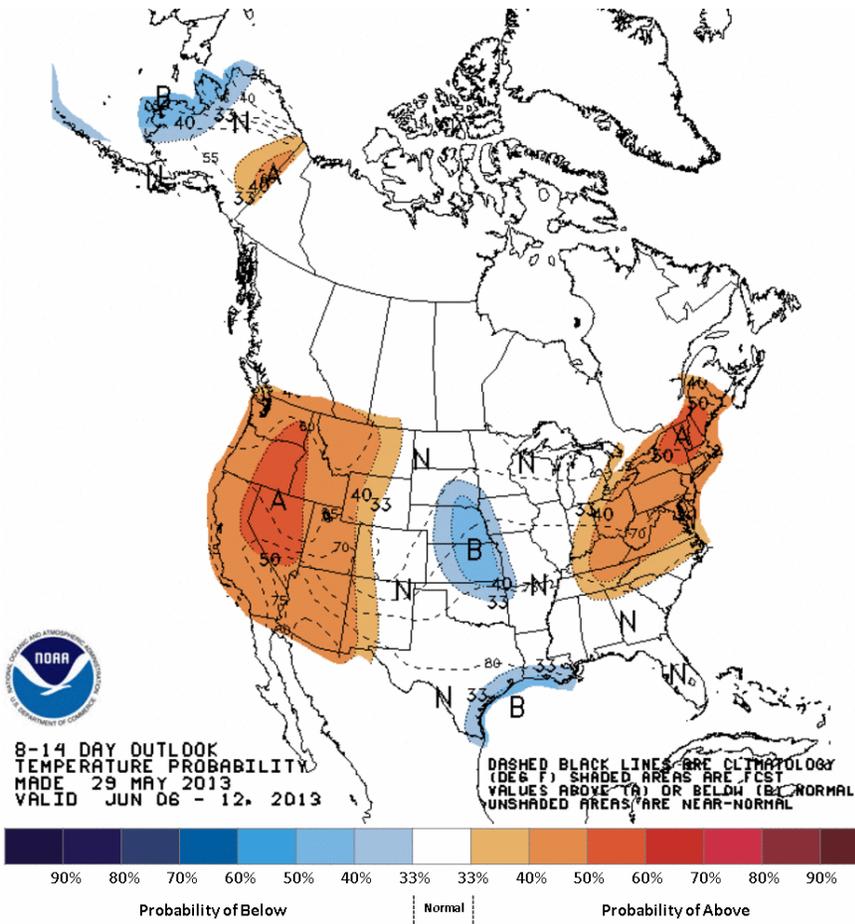
**Runoff-processor date: May 28**

**RFC Volume Forecast: May 28**

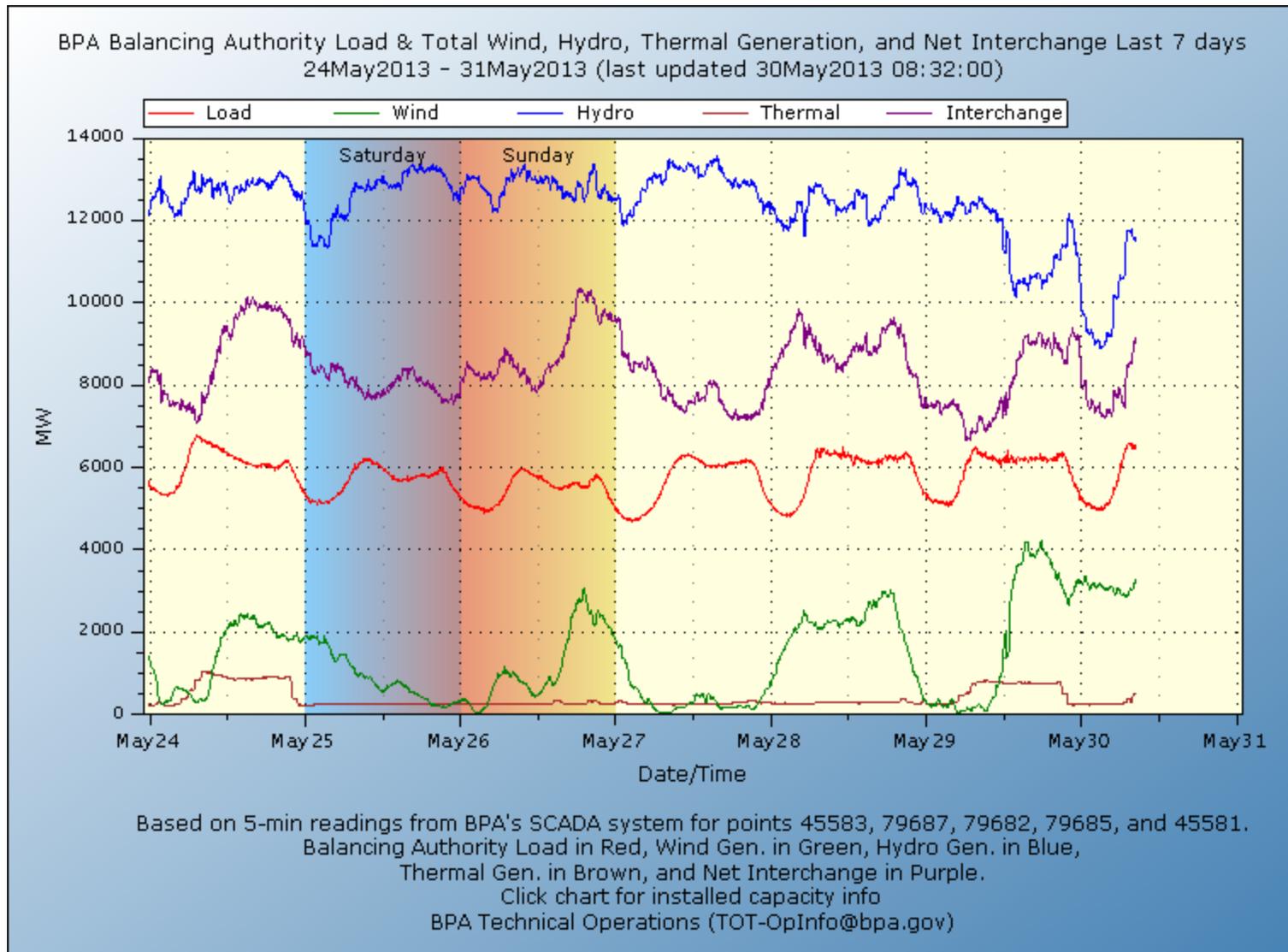
	<i>May 28</i> NWRFC	<i>May 28</i> Observed	Percent Remaining
<b>January-July</b>	<b>ESP volcast</b>	<b>Since 1-Jan</b>	
Grand Coulee	62,608	32,786	47.6%
Lower Granite	19,048	13,888	27.1%
The Dalles	95,796	57,190	40.3%

	NWRFC	Observed	Percent Remaining
<b>April-August</b>	<b>ESP volcast</b>	<b>Since 1-Apr</b>	
Grand Coulee	60,894	24,521	59.7%
Lower Granite	15,228	8,826	42.0%
The Dalles	86,100	39,202	54.5%

# Weather and Streamflow



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



# Transmission Updates

## ■ COI N>S

- 4250 MW: 5/28 HE 07 to 6/01 HE 19 due to CISO-Round Mountain-Table Mountain 2 500kV Line Capacitor Bank 4 at Round Mountain
- 4500 MW: 6/01 HE 20 to 6/03 HE 07 due to NW Generation Resources BPA-Buckley-Marion 1 500kV Line BPA-Ashe-Marion 2 500kV Line
- 4025 MW: 6/03 HE 08 to 6/08 HE 19 due to CISO-Malin-Round Mountain 1 500kV Series Cap Bank 1 BP&C at Round Mountain
- 4500 MW: 6/08 HE 20 to 6/10 HE 07 due to NW Generation Resources BPA-Buckley-Marion 1 500kV Line BPA-Ashe-Marion 2 500kV Line
- 4500 MW: 5/24 HE 18 to 5/28 HE 07 due to BPA-NW Generation Resources
- 4300 MW: 6/10 HE 08 to 6/15 HE 19 due to CISO-Malin-Round Mountain 2 500kV Series Cap Bank 2 BP&C at Round Mountain

## ■ PDCI N>S

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

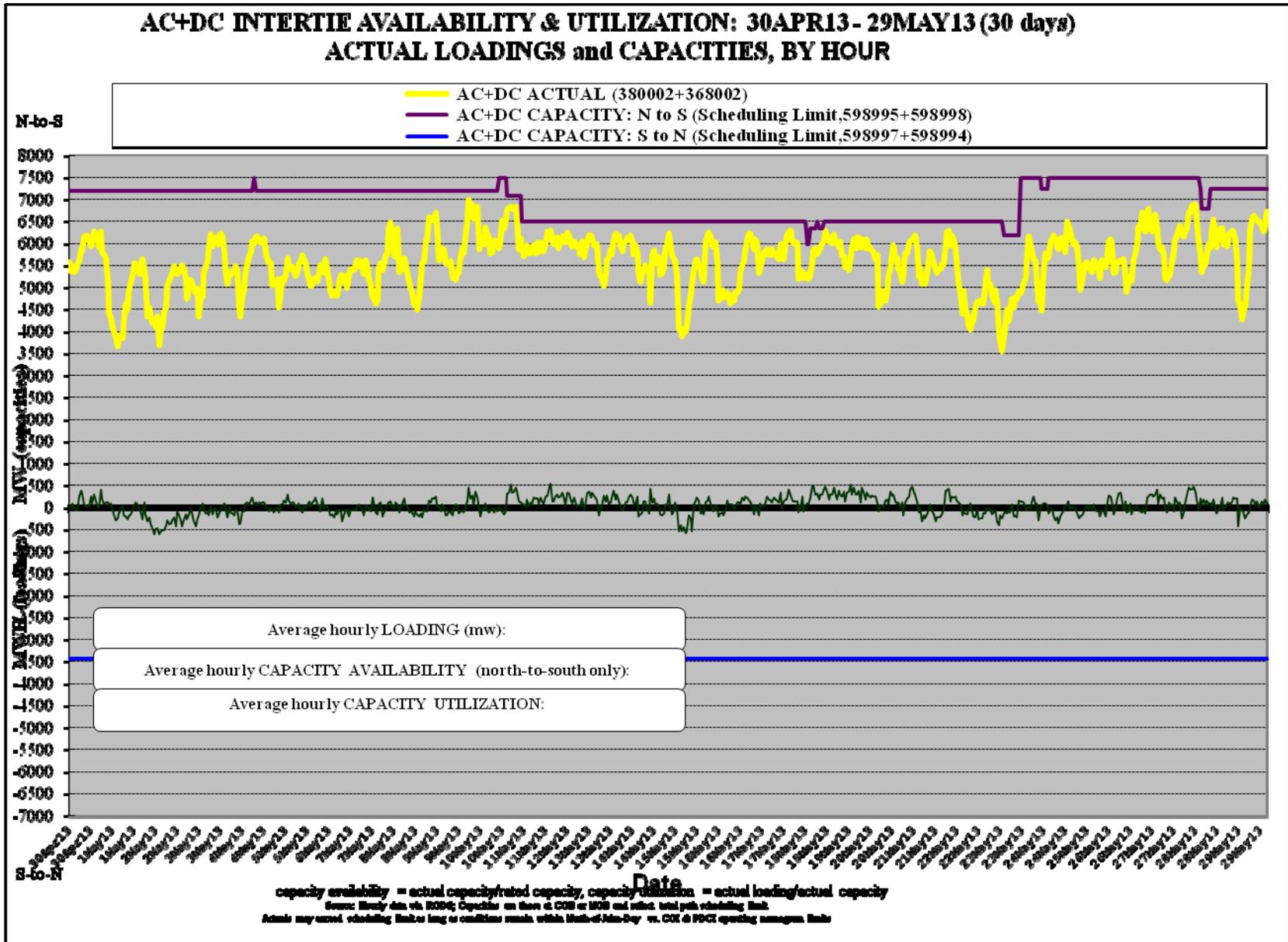
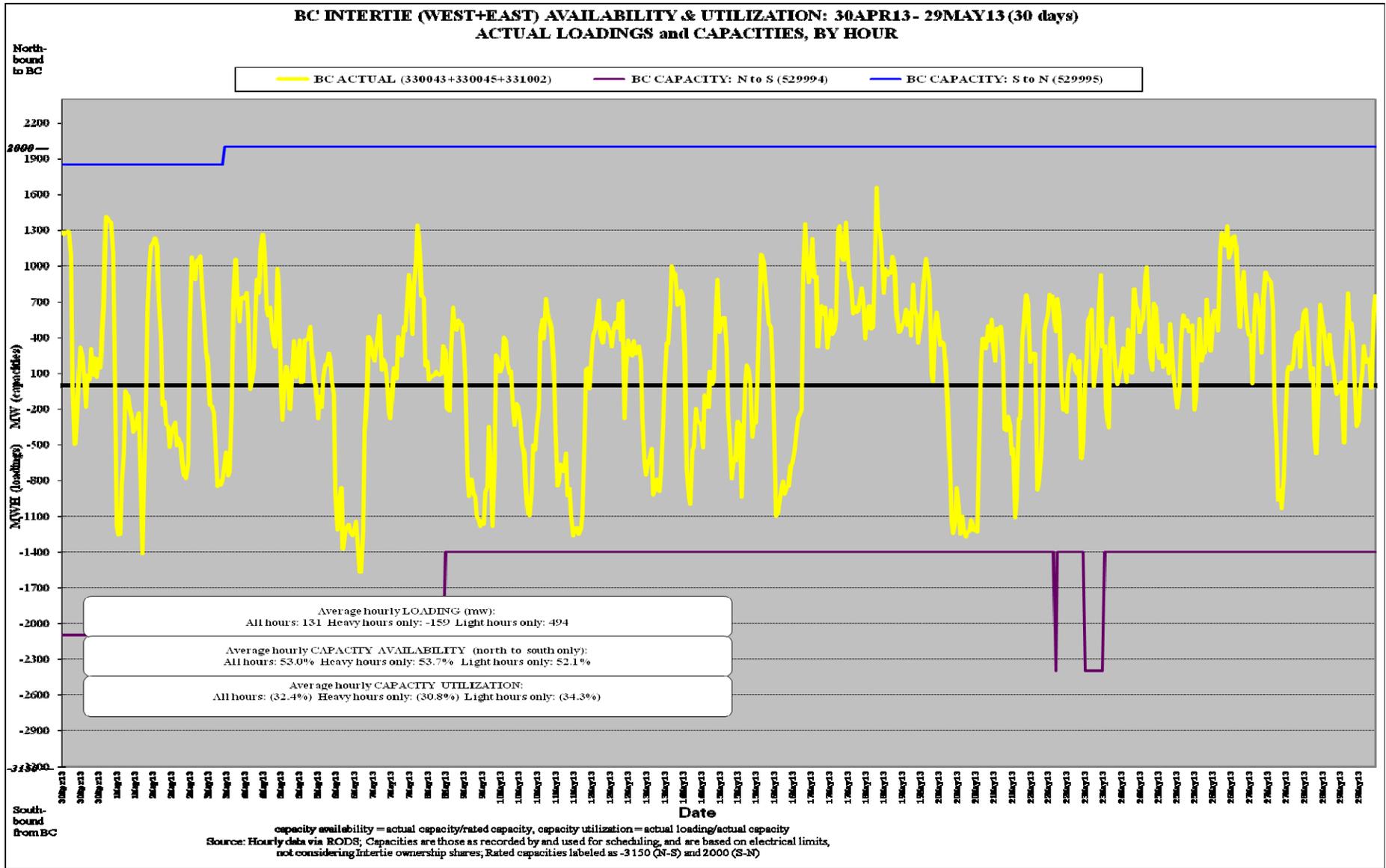


Chart available on BPA's website at: [http://transmission.bpa.gov/business/operations/intertie/interties/ac\\_dc.xls](http://transmission.bpa.gov/business/operations/intertie/interties/ac_dc.xls)



# Contact Information

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