

# System Condition Update

## Spring Operations Review

June 13, 2013

2:00 – 3:00 p.m.

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

When prompted, enter access code: 1687421

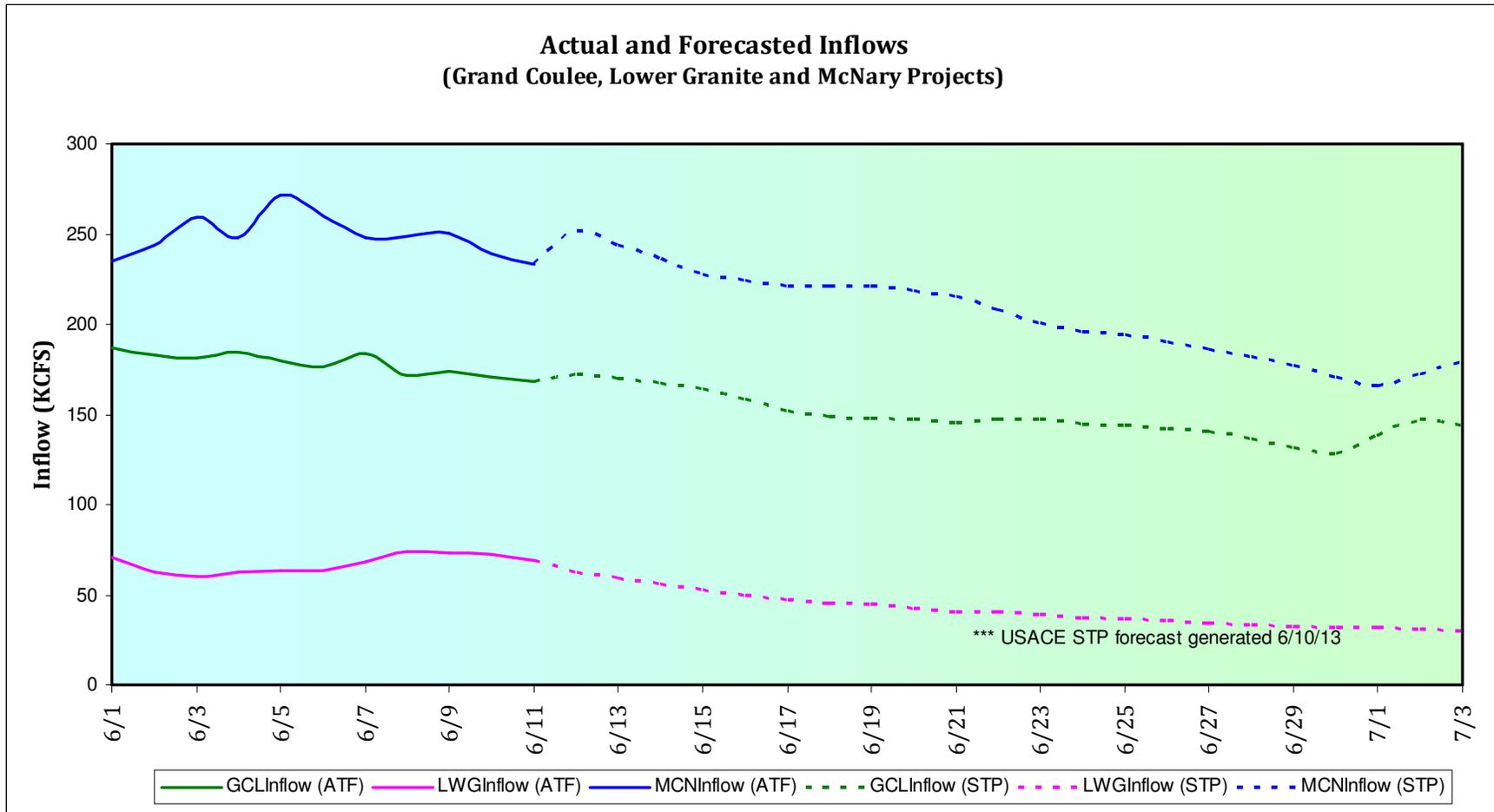
# Hydro Operations Update

- The Federal Columbia River Power System is being operated for system wide refill objectives.
- Currently operating to refill GCL and headwater projects 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 June 10 Official Water Supply Forecast for January-July at The Dalles is 94.5 million acre-feet.

# Actions to manage oversupply

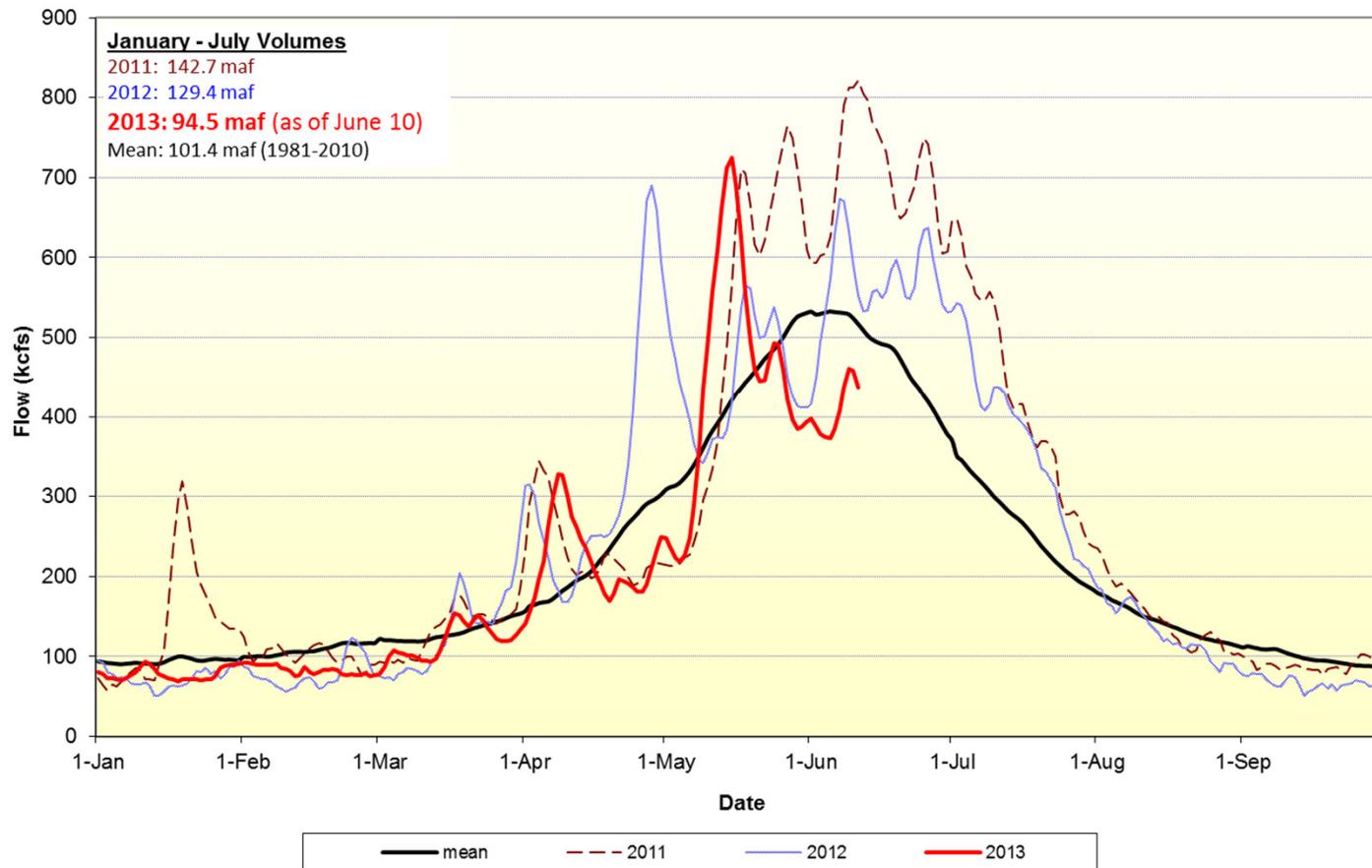
- To the extent possible BPA will coordinate spill exchange with the Mid-Columbia projects under the Mid-Columbia Spill Exchange agreement.
- BPA will attempt to maximize the amount of pump load with available pumping units during LLH's.
- Moved non-essential generator and transmission maintenance outages 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: Jun 10**

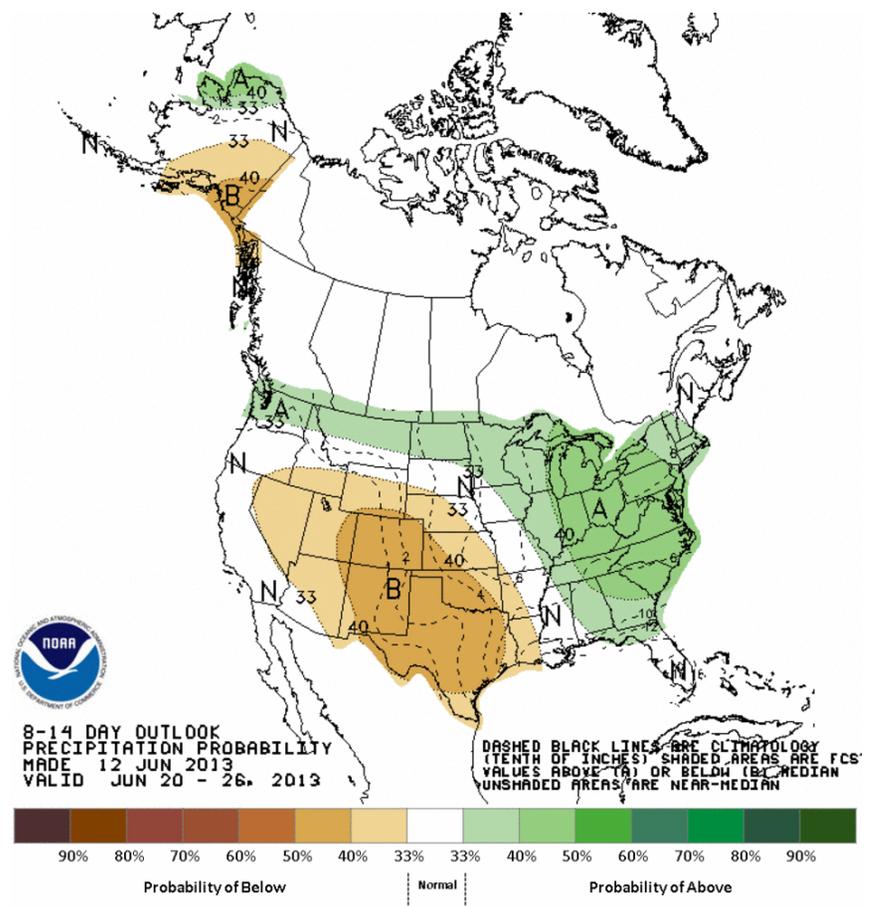
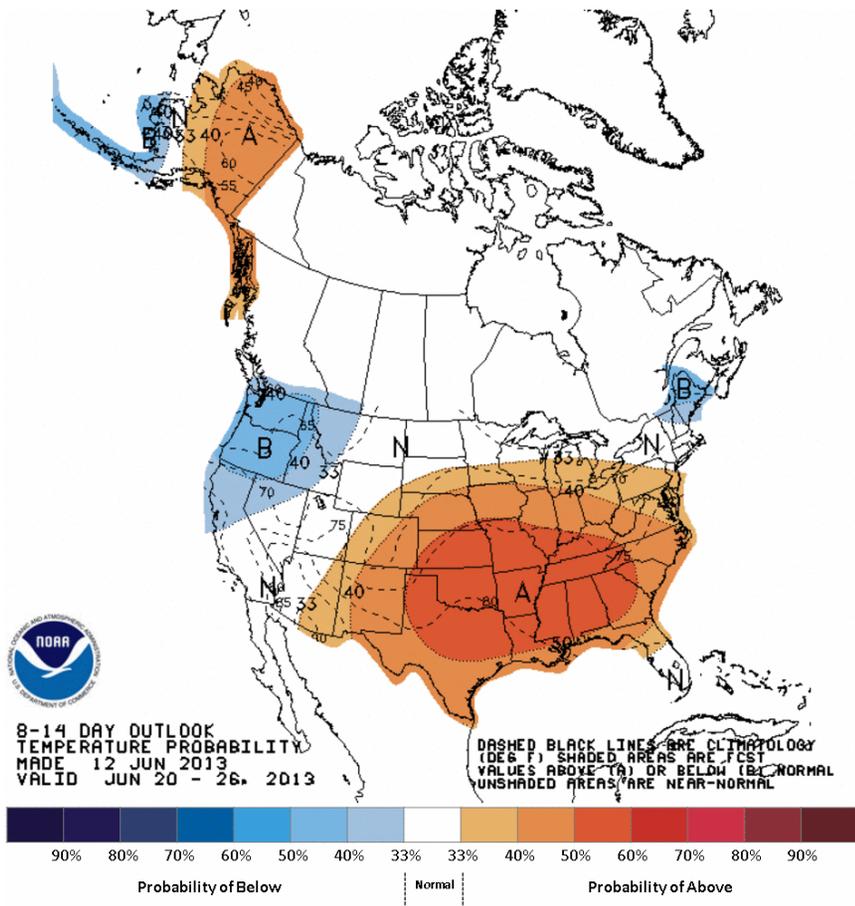
**RFC Volume Forecast: Jun 10**

	<i>Jun 10</i> NWRFC	<i>Jun 10</i> Observed	Percent Remaining
<b>January-July</b>	<b>ESP volcast</b>	<b>Since 1-Jan</b>	
Grand Coulee	60,995	40,466	33.7%
Lower Granite	19,130	15,744	17.7%
The Dalles	94,525	68,058	28.0%

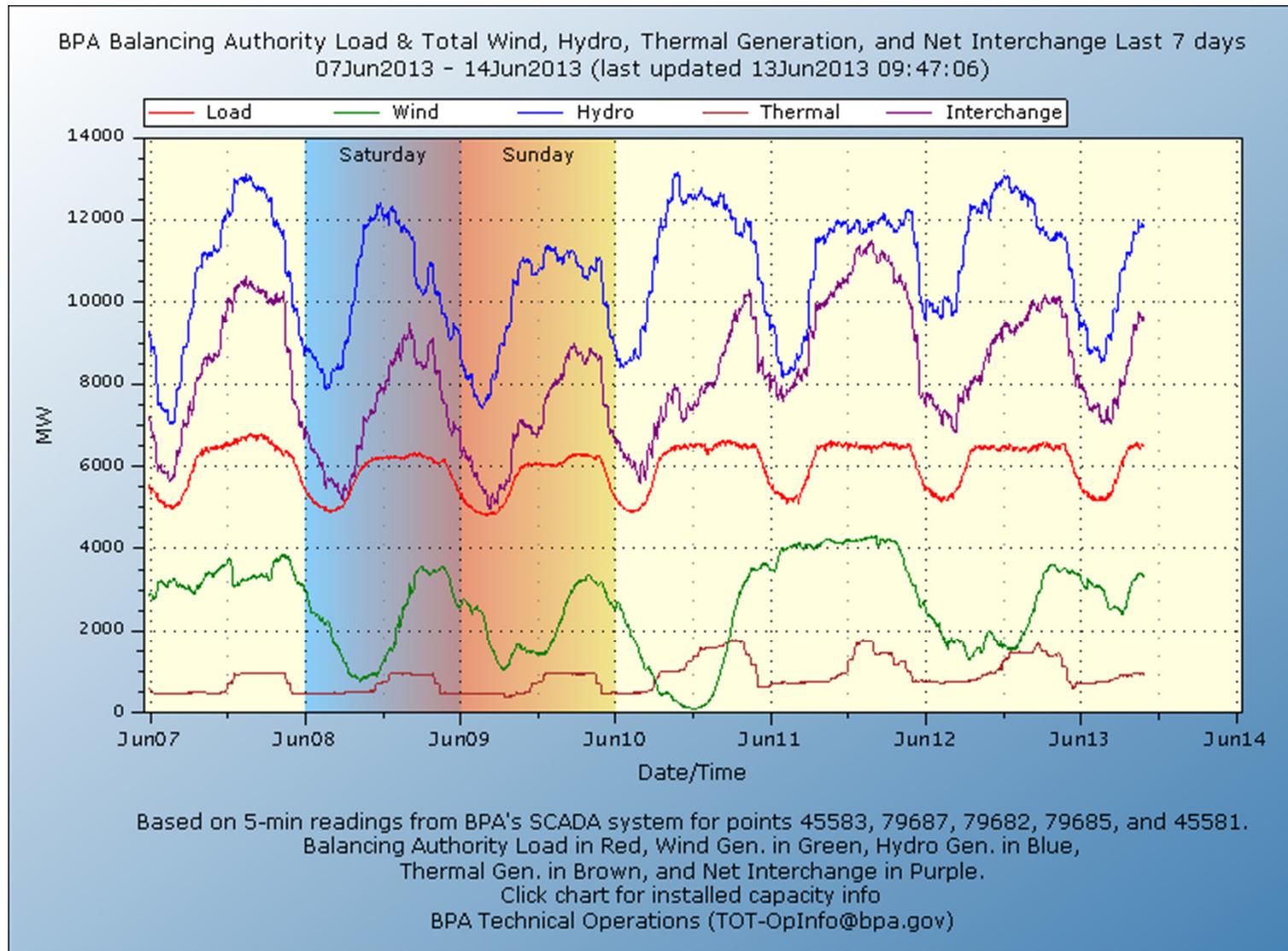
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	NWRFC	Observed	Percent Remaining
<b>April-August</b>	<b>ESP volcast</b>	<b>Since 1-Apr</b>	
Grand Coulee	58,710	32,201	45.2%
Lower Granite	15,230	10,682	29.9%
The Dalles	84,286	50,070	40.6%

# Weather and Streamflow



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



# Transmission Updates

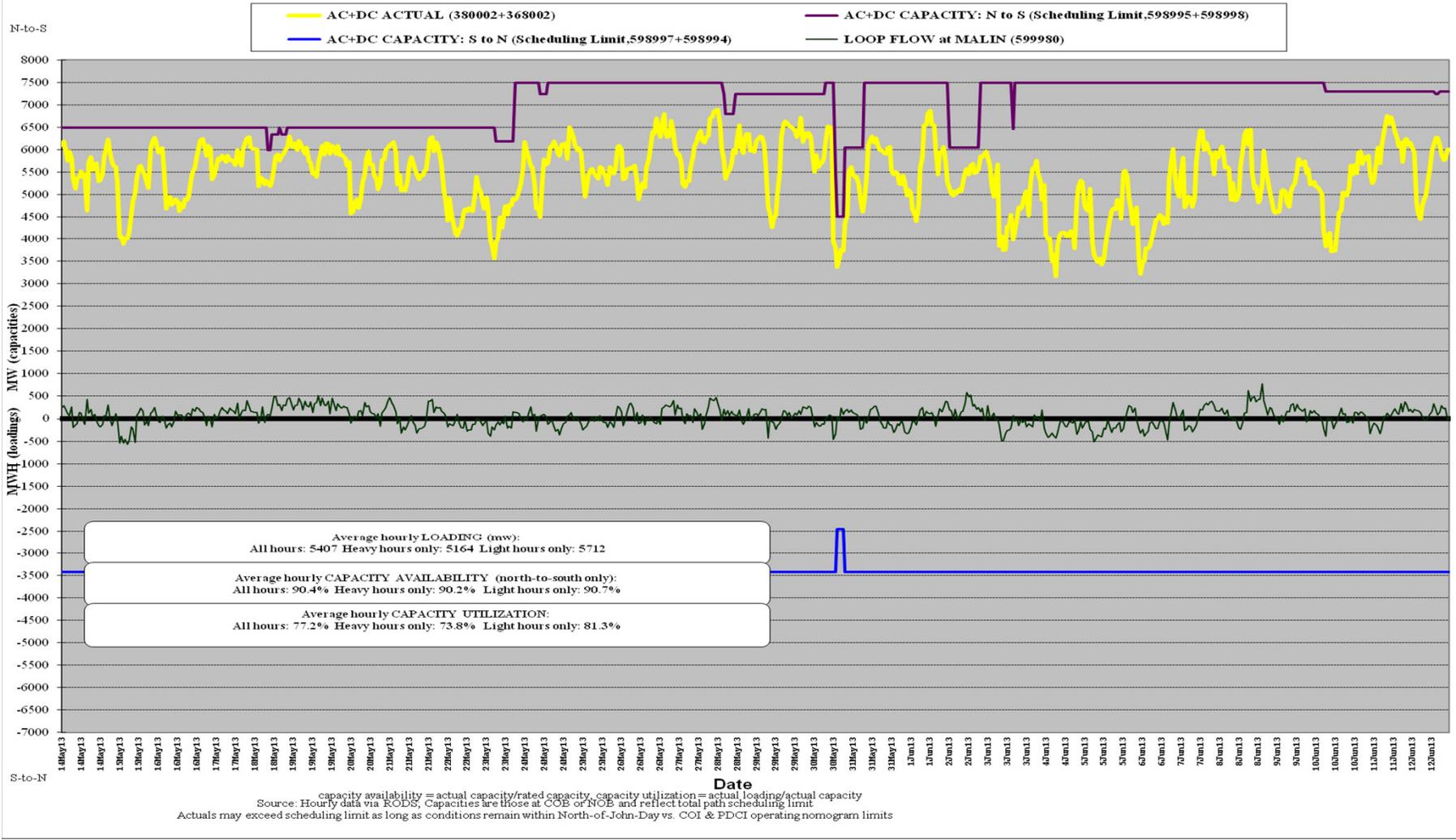
## ■ COI N>S

- 4300 MW: 6/10 HE 08 to 6/13 HE 19 due to CISO-Malin-Round Mountain 2 500kV Series Cap Bank 2 BP&C at Round Mountain
- 4500 MW: 6/13 HE 20 to 6/14 HE 06 due to BPA-Pearl-Marion 1 500kV Line and/or Northwest Generation Resource
- 4435 MW: 6/14 HE 07 due to CISO Tesla-Metcalf 500kV Line and Los Banos-Gates 1 500kV Line
- 4310 MW: 6/14 HE 08 to 6/14 HE 21 due CISO-Malin-Round Mountain 1 500kV Series Cap Bank 1 BP&C at Round Mountain; CISO Los Banos-Gates 1 500kV Line, CISO Tesla-Metcalf 500kV Line
- 4435 MW: 6/14 HE 22 to 6/16 HE 20 due to CISO Malin-Round Mountain 1 500kV Series Cap Bank 1 BP&C at Round Mountain; CISO Los Banos-Gates 1 500kV Line
- 4500 MW: 6/16 HE 21 to 6/24 HE 24 due to BPA-Pearl-Marion 1 500kV Line and/or Northwest Generation Resource

## ■ PDCI N>S

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

AC+DC INTERTIE AVAILABILITY & UTILIZATION: 14MAY13 - 12JUN13 (30 days)  
ACTUAL LOADINGS and CAPACITIES, BY HOUR



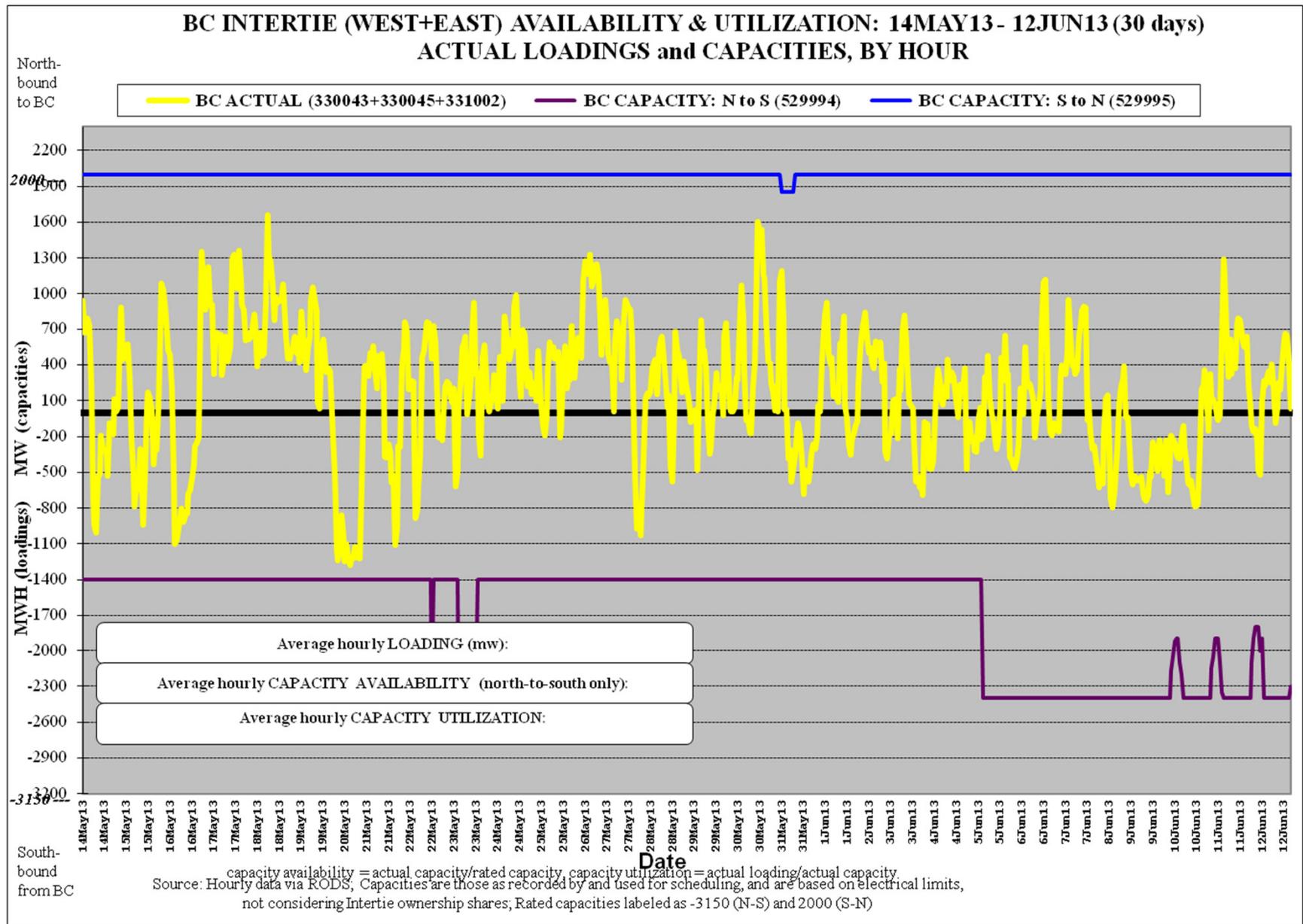


Chart available on BPA's website at: <http://transmission.bpa.gov/business/operations/intertie/interties/bcinter.xls>

# Contact Information

- To discuss within month commercial transactions, please contact Robert Johnson at (503) 230-3183, [rcjohnson@bpa.gov](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/>