

## West Natural Gas Region



## West Annual Average Day Ahead Natural Gas Prices

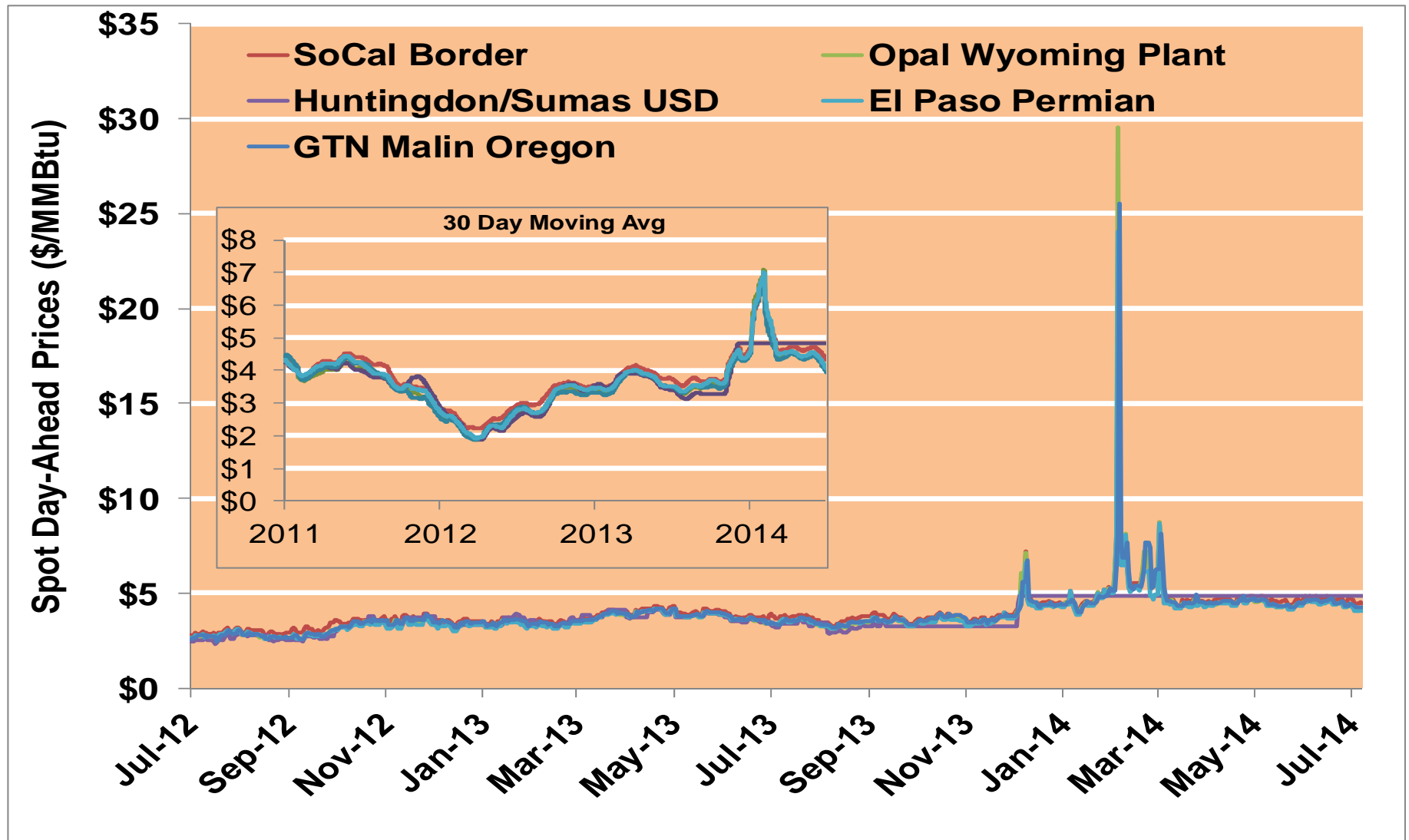
	Average Day Ahead Prices (\$/MMBtu)	SoCal Border	Opal Wyoming Plant	Huntingdon/Sumas USD	El Paso Permian	GTN Malin Oregon	Henry Hub
2011	Annual	4.05	3.81	3.89	3.87	3.94	<b>3.98</b>
	Summer	4.18	3.89	3.89	3.99	4.03	<b>4.14</b>
	Winter 2011/2012	2.98	2.75	3.01	2.69	2.86	<b>2.74</b>
2012	Annual	2.68	2.68	2.68	2.68	2.68	<b>2.68</b>
	Summer	2.83	2.58	2.51	2.61	2.61	<b>2.69</b>
	Winter 2012/2013	3.62	3.46	3.56	3.38	3.52	<b>3.47</b>
2013	Annual	3.83	3.83	3.83	3.83	3.83	<b>3.83</b>
	Summer	3.82	3.61	3.49	3.63	3.67	<b>3.76</b>
	Winter 2013/2014	4.89	4.88	4.50	4.68	4.88	<b>4.61</b>
2014 YTD	Annual	4.80	4.80	4.80	4.80	4.80	<b>4.80</b>
	Summer	4.18	3.89	3.89	3.99	4.03	<b>4.14</b>
	Winter 2014/2015						

Notes:

Source: ICE

Updated 7/31/2014

## West Daily Day-Ahead Prices

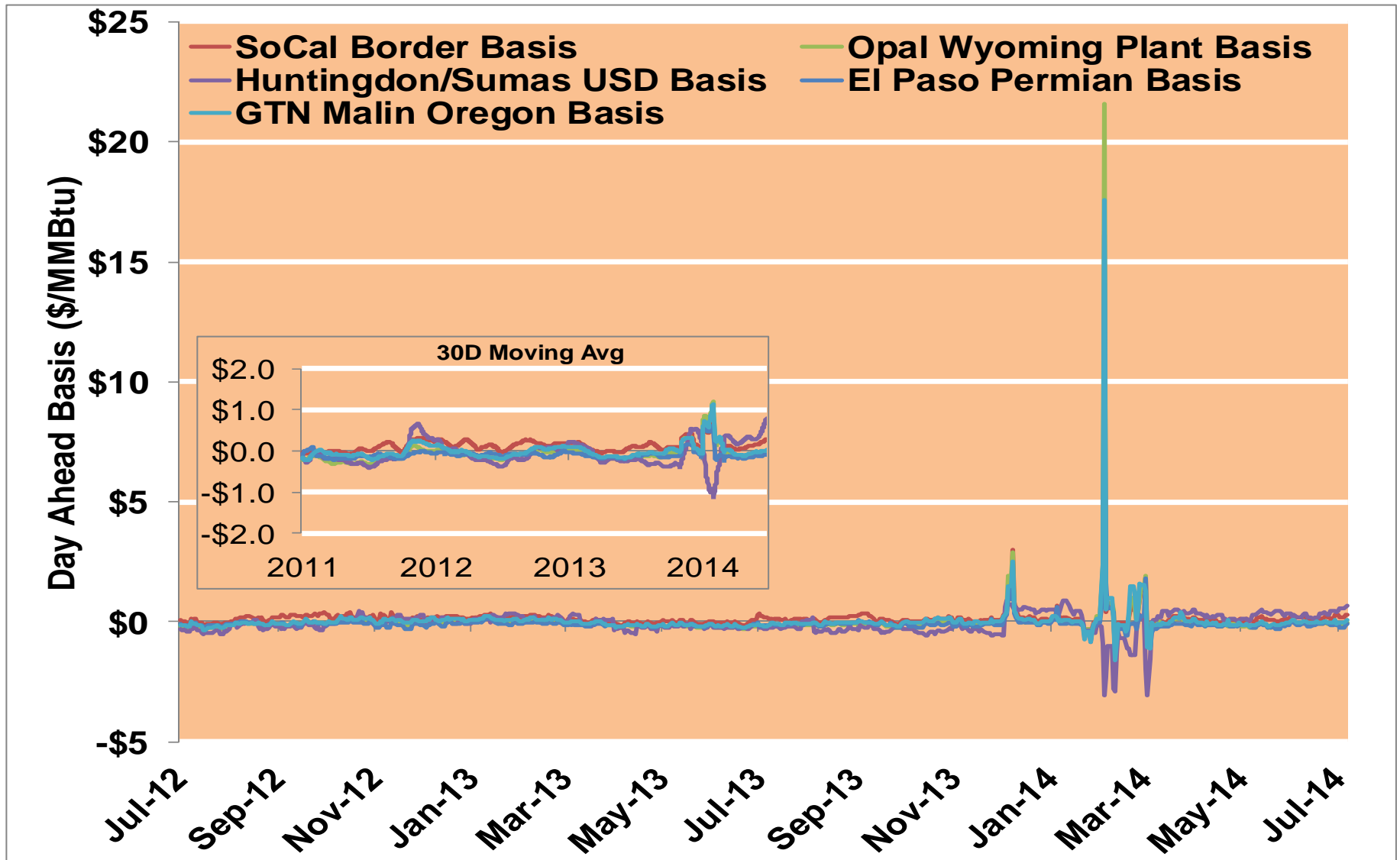


Notes:

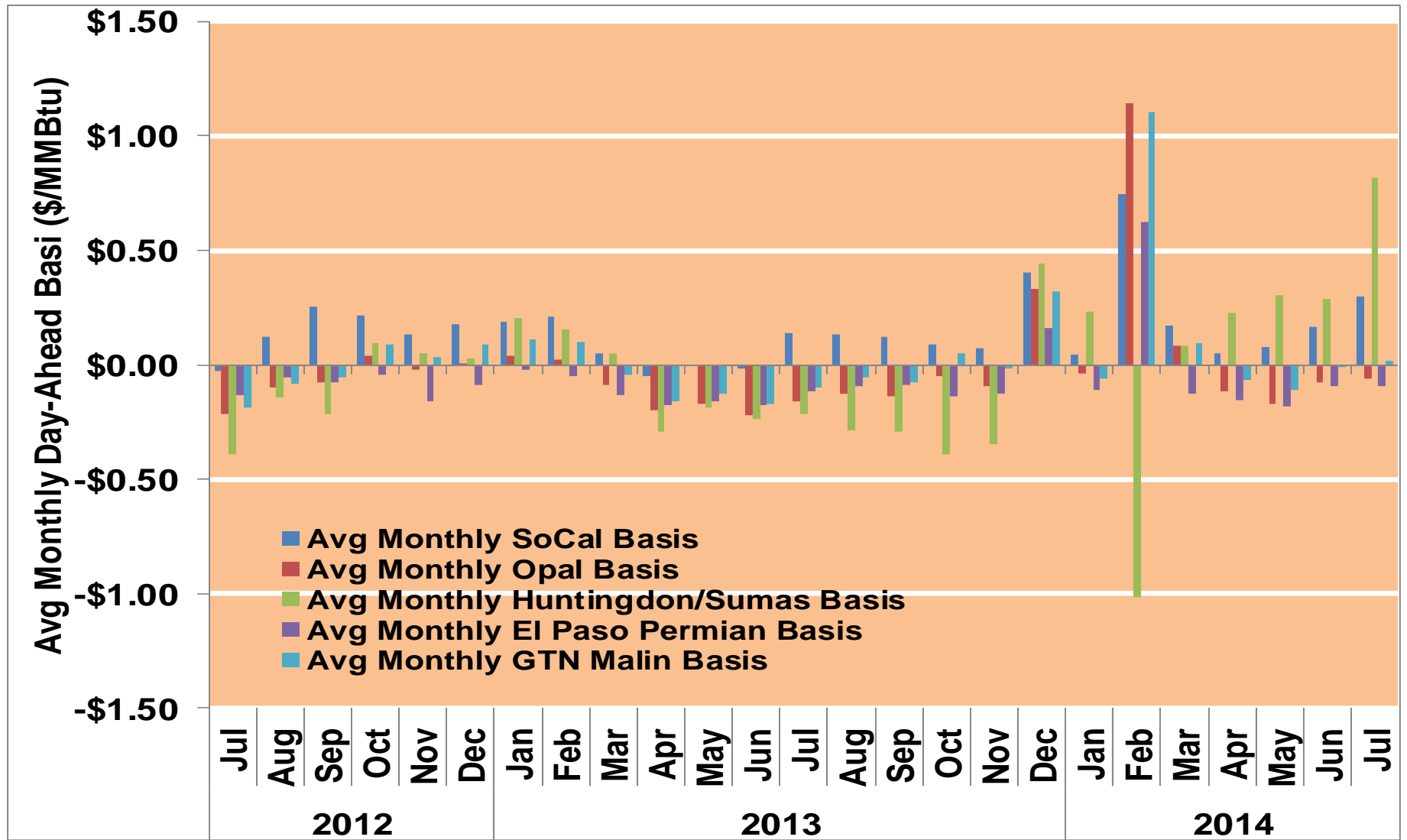
Source: ICE

Updated 7/31/2014

## West Daily Day-Ahead Basis



## West Average Monthly Basis

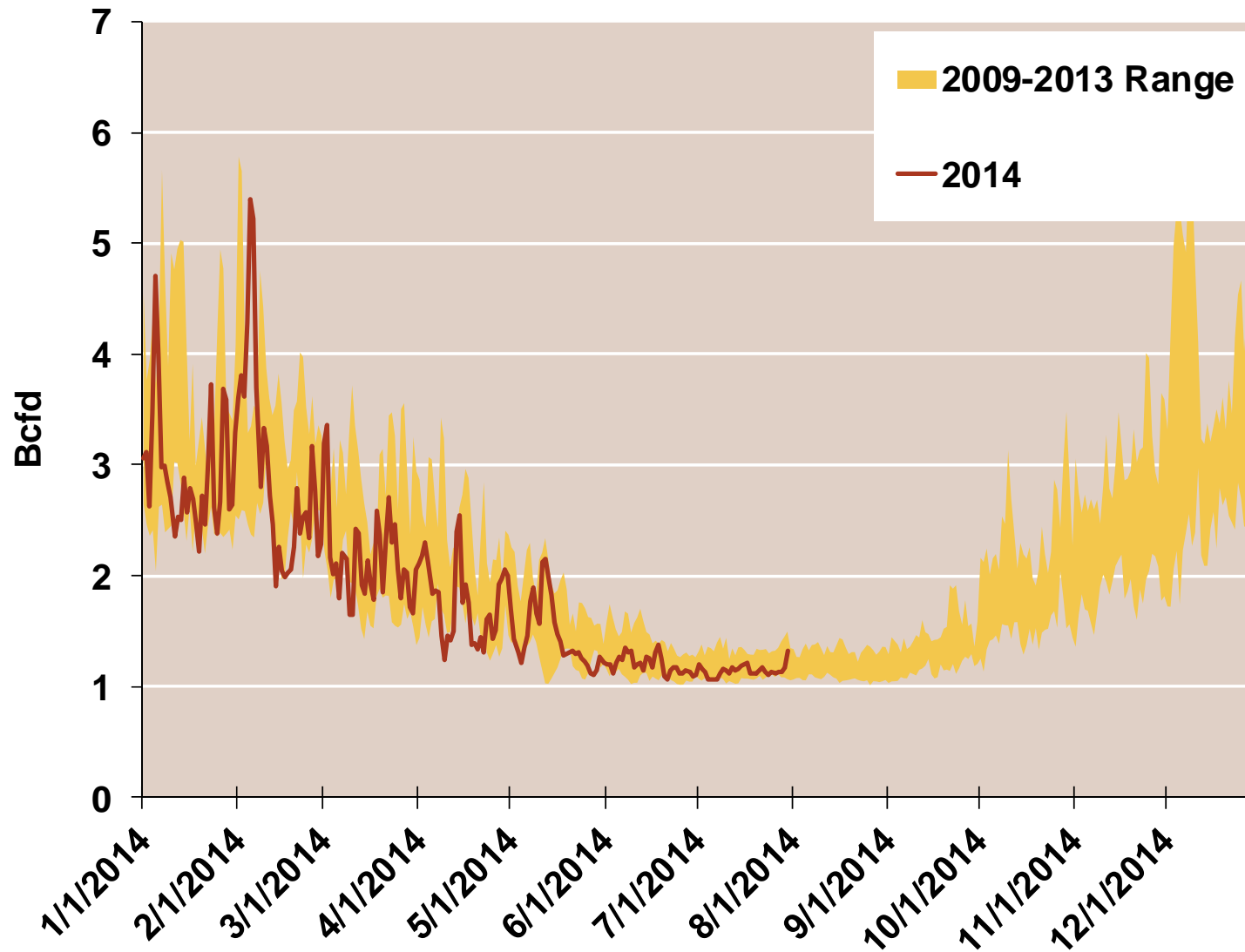


Notes:

Source: ICE

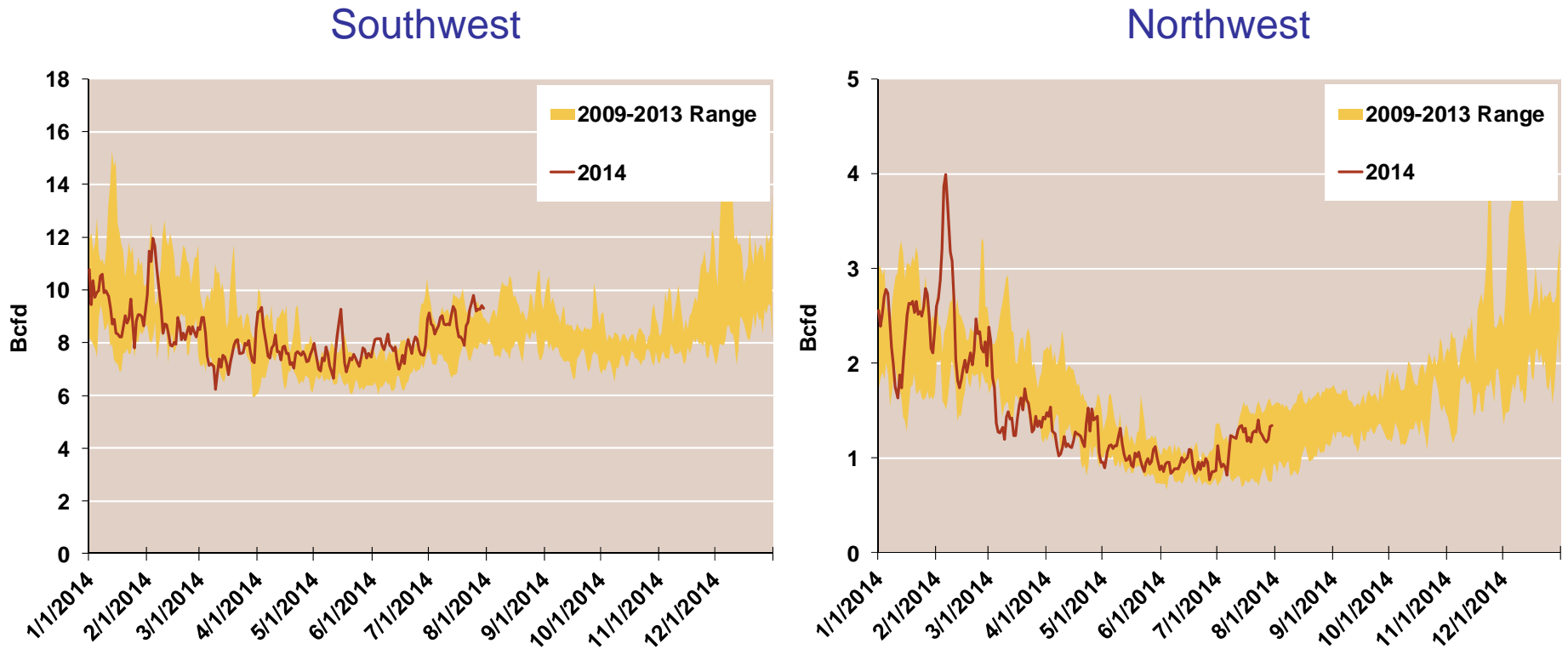
Updated 7/31/2014

## Daily Rockies Natural Gas Demand All Sectors



Source: Derived from *Bentek Energy* data

## Daily Southwest and Northwest Natural Gas Demand All Sectors

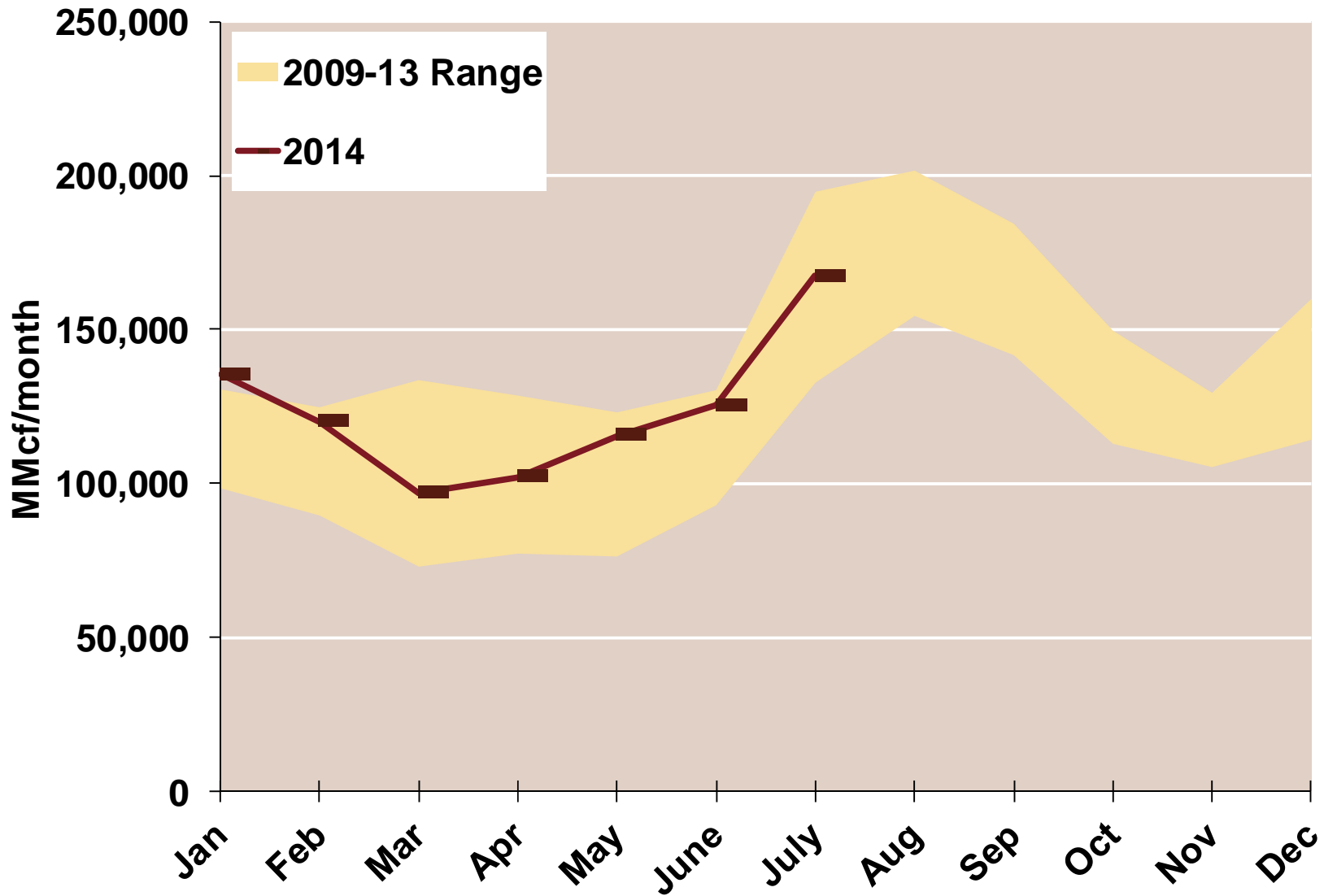


Source: Derived from *Bentek Energy* data

Note: Data derived from interstate natural gas pipeline flows.

Updated: August 2014

## West Natural Gas Consumption for Power Generation

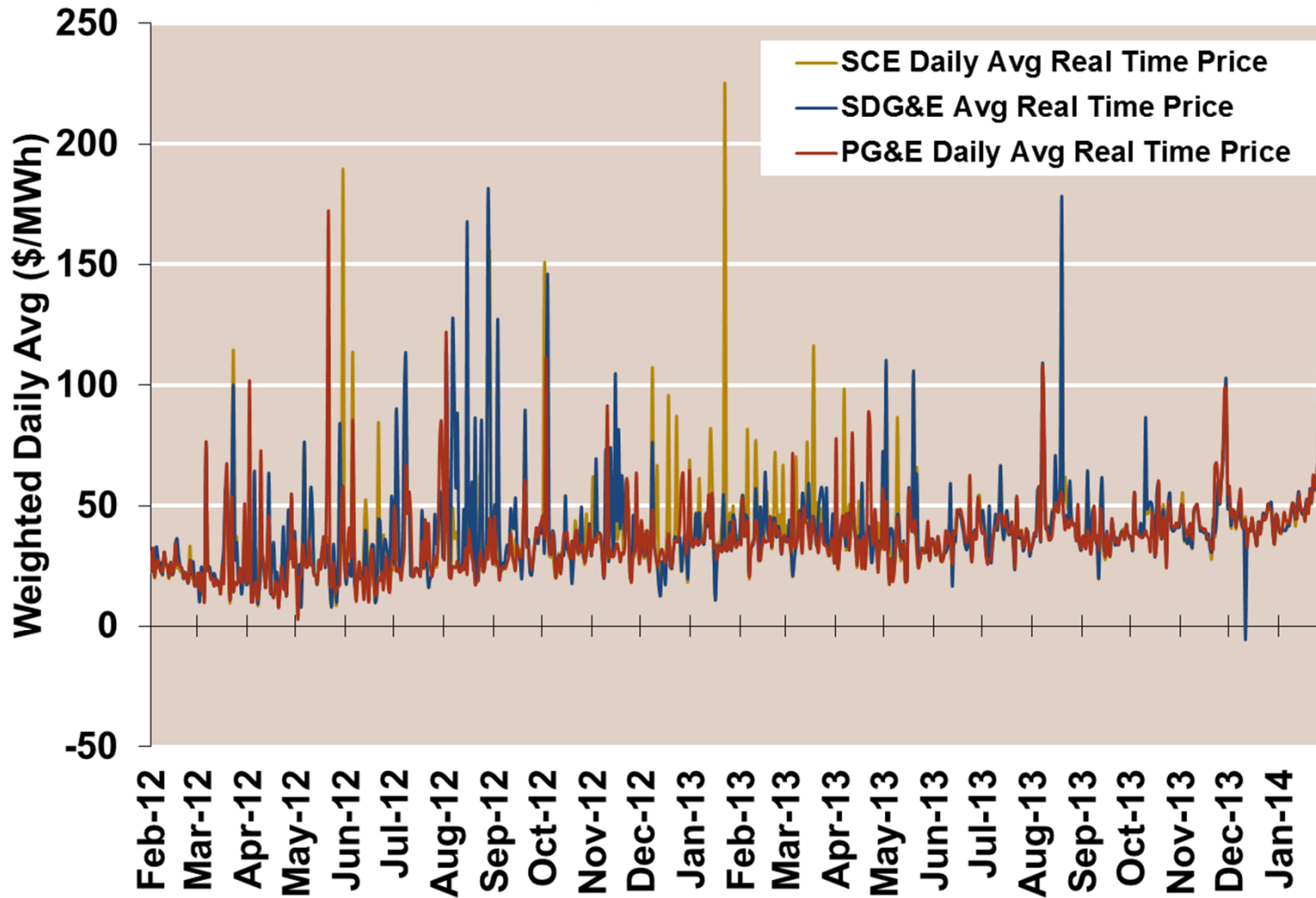




## **Pacific NW Snow Water Equivalent (% of Avg)**

## CAISO Real Time Prices—Two Year History

CAISO Daily Average Real Time LMP



Source: Genscape via Bloomberg

## CAISO System Daily Average Load —Two Year History

