



# Monthly Outage Forecast August 2015



## **DISCLAIMER**

*This information is provided for informational purposes only and is not to be relied upon for any other purpose whatsoever.*

*The information is based upon certain assumptions that may or may not be accurate, and therefore is subject to various risks and uncertainties.*

*TransCanada shall not be liable for damages sustained as a result of any use or reliance on such information.*

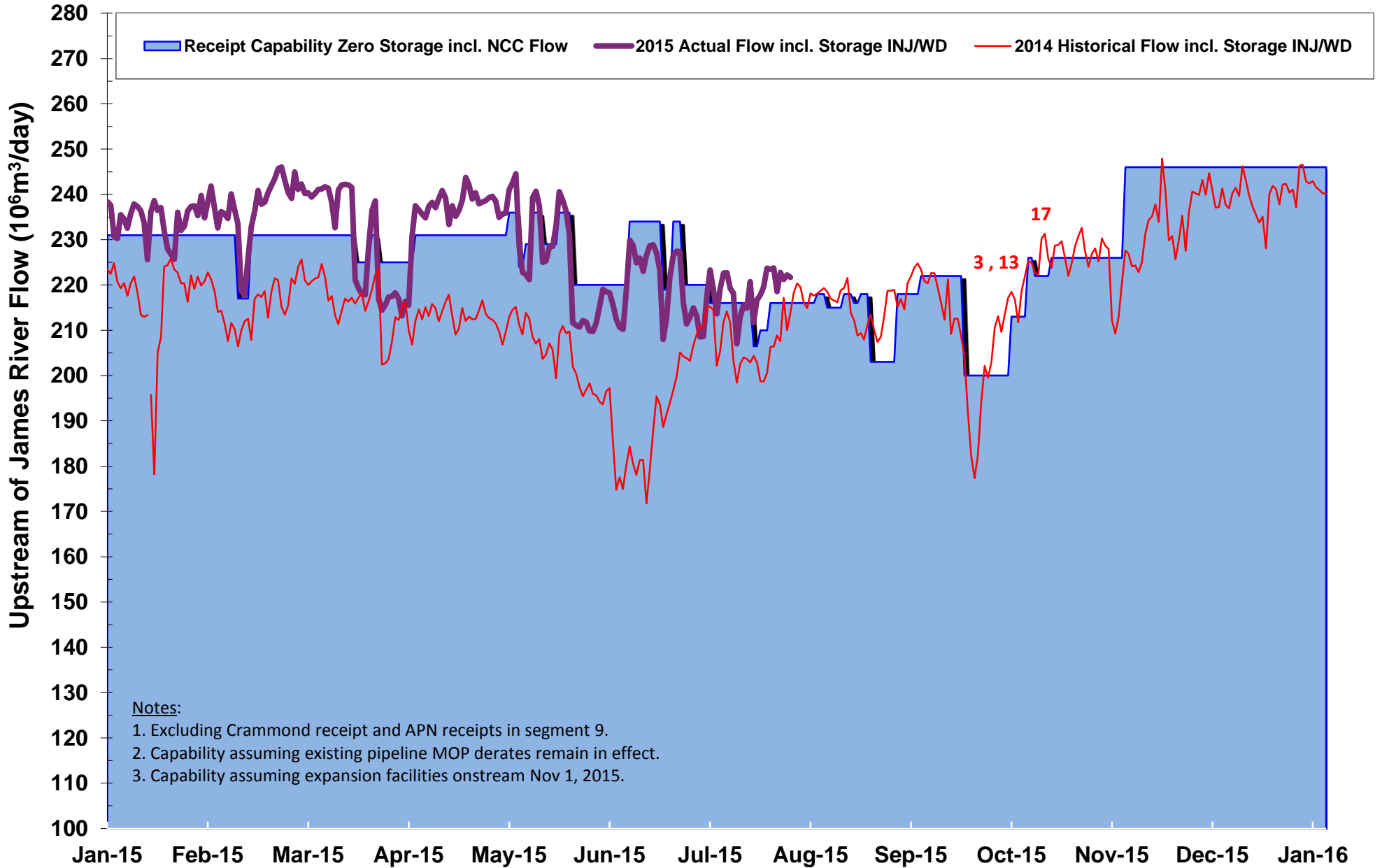
## **August Monthly Outage Forecast MOF**

*The Monthly Outage Forecast is a tool provided by TransCanada to show the estimated operational capability of the System or area, and the estimated relative change in capability associated with planned outages.*

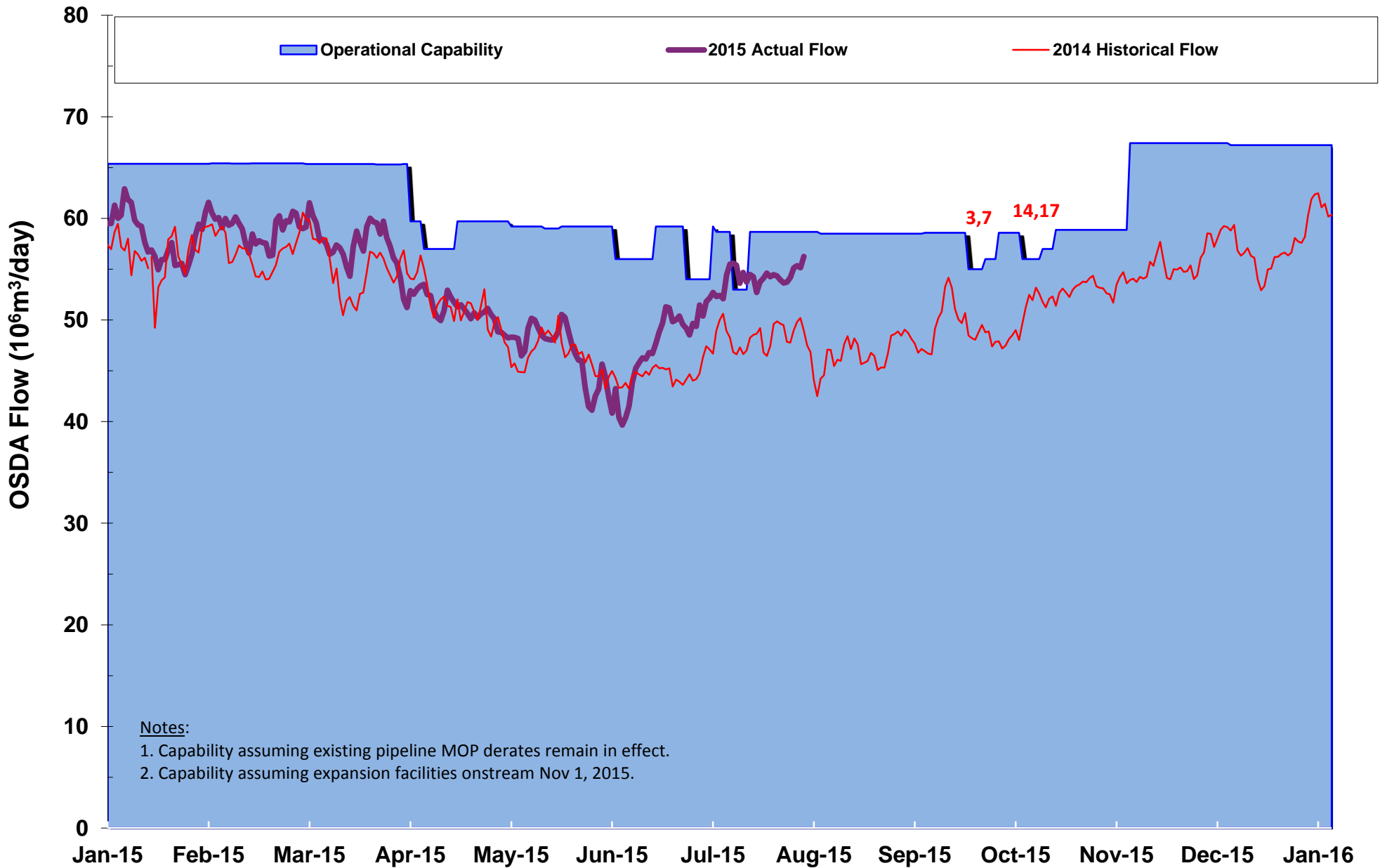
*In an ongoing effort to provide customers with updated information, TransCanada has made updates to the Monthly Outage Forecast capability charts. As a result, customers may see a difference in the reported capabilities and flows shown in some charts in the August release of the Monthly Outage Forecast.*



# Upstream of James River Outlook



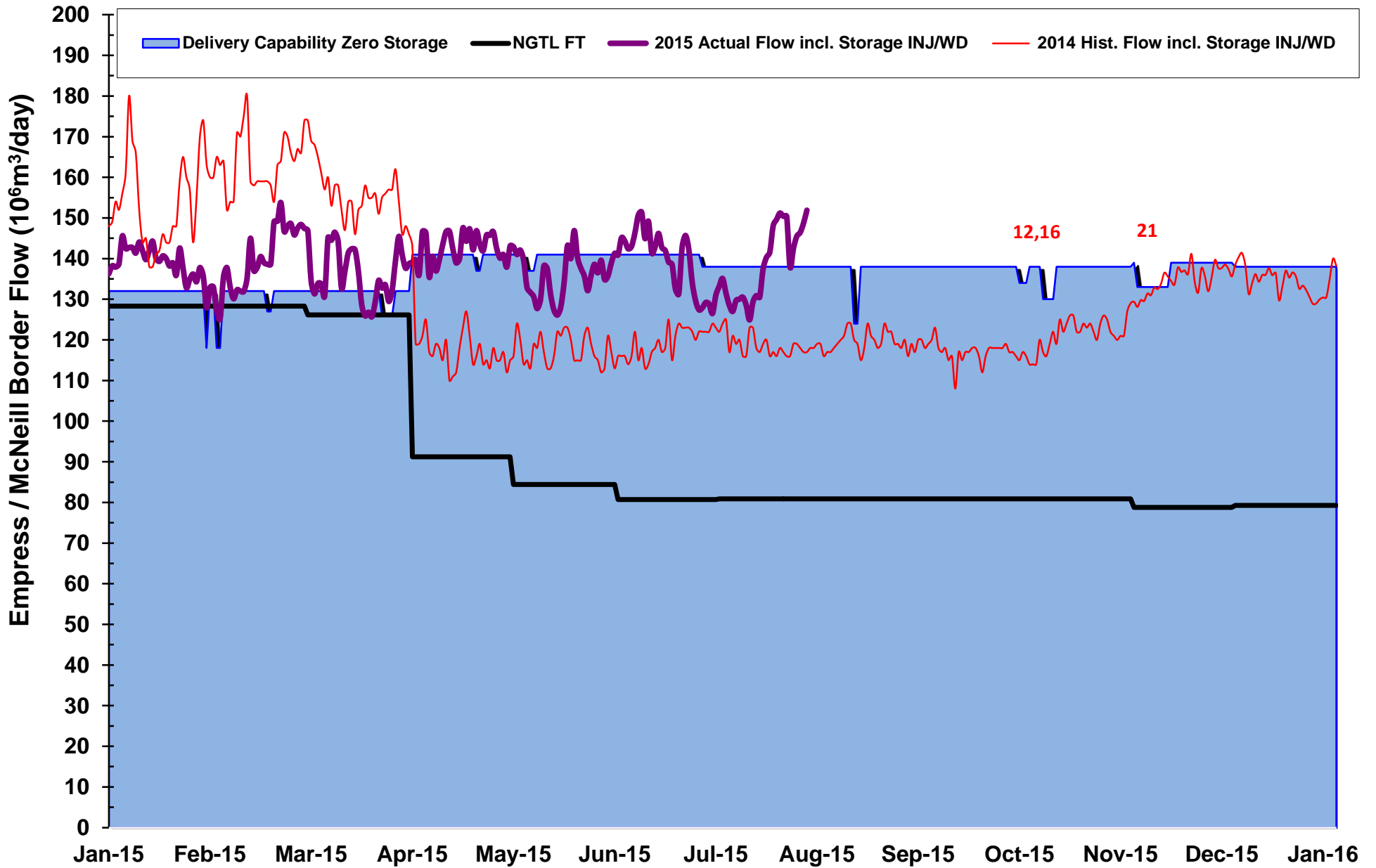
# Oil Sands Delivery Area (OSDA) Outlook Segments 10, 11,14



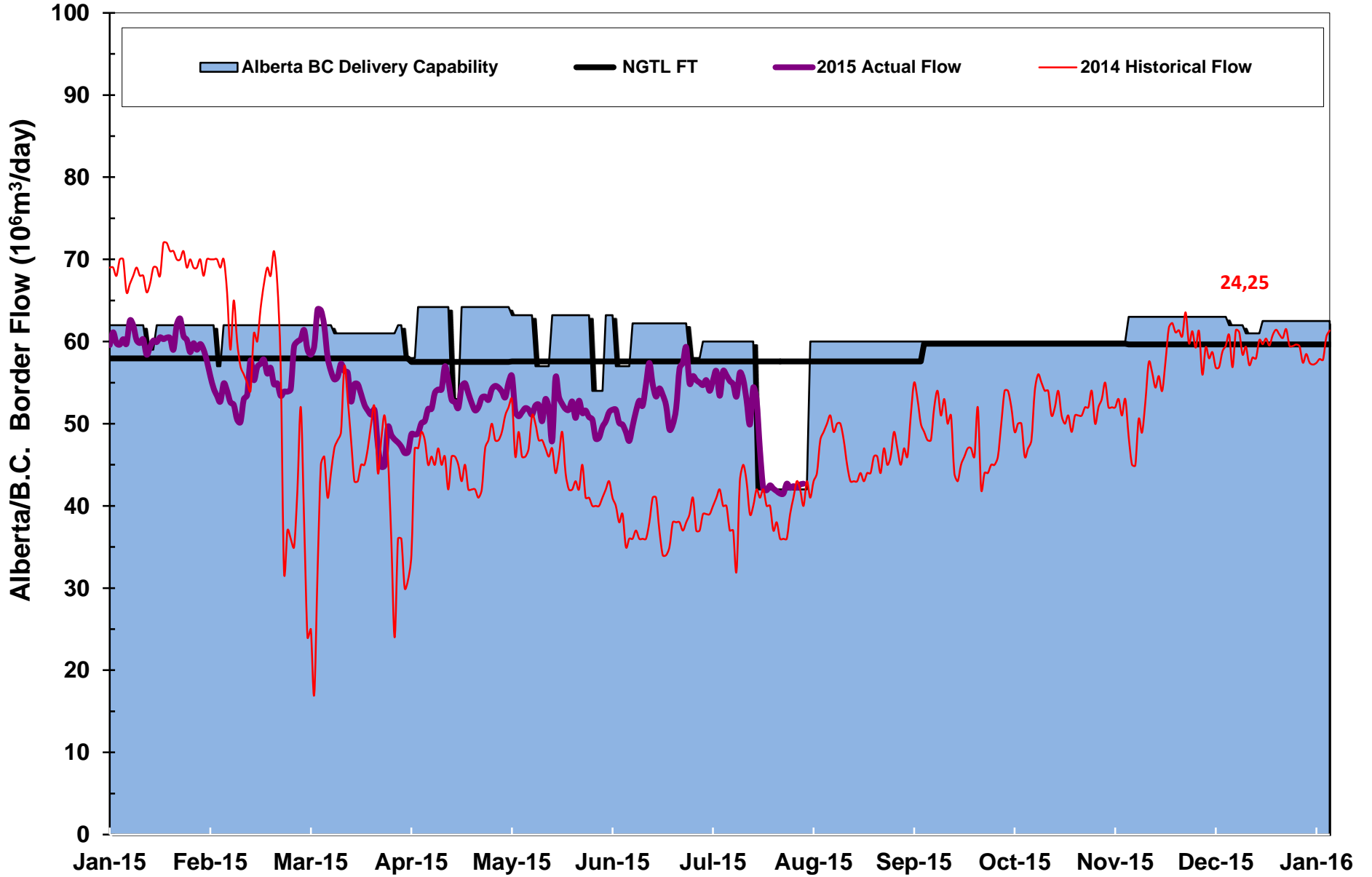
Notes:

- 1. Capability assuming existing pipeline MOP derates remain in effect.
- 2. Capability assuming expansion facilities onstream Nov 1, 2015.

# Empress/McNeill Border Outlook

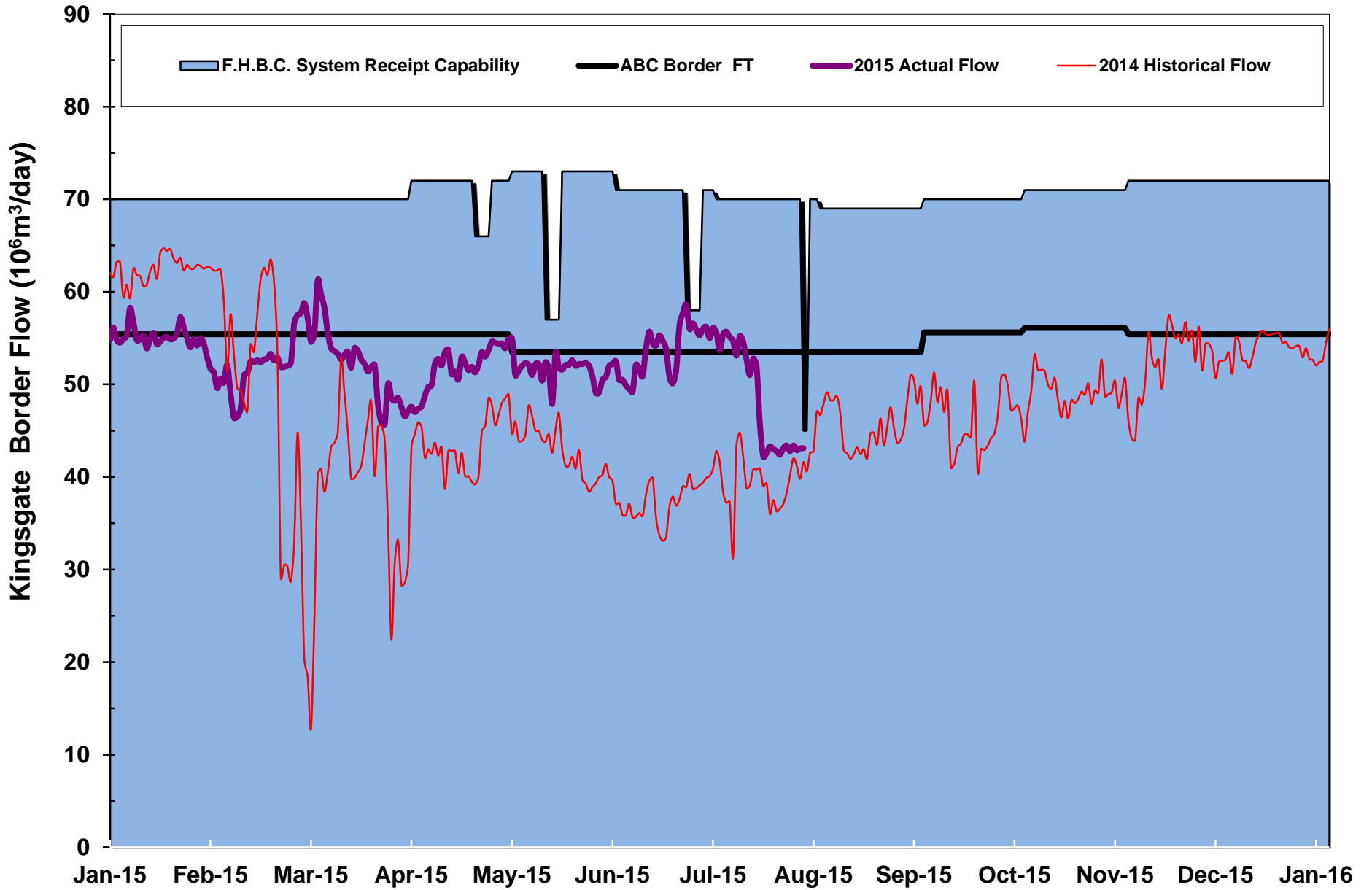


# Alberta B.C. Border Outlook





# Kingsgate Border Outlook



SEG	#	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTAC	AREA
			START	FINISH			
1	20	<b>NPS 10 Etzikom Lateral</b> - Pipeline Maintenance (10 - 15 days). <b>New</b>	09/01/15	09/15/15	Nil required for Bullshead, Murray Lake, Etzikom A, Etzikom B, & Etzikom D meter stations. Typical flow 240-280 E3m3/d.	Mike Wylie	Local
2	20	<b>NPS 12 Alderson Lateral</b> - Pipeline Modifications (5 days).	09/13/15	09/17/15	Nil required at Alderson, Alderson South, Alderson North, Bantry, Twelve Mile Coulee, Tilley and Tilley South 2 meter stations. Typical flow 1650 E3m3/d.	Damola Daramola	Local
3	4	<b>NPS 36 Northwest Mainline</b> - Pipeline Modifications (6 days). <b>Dates, duration and capability revised.</b>	09/14/15	09/19/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 55 E6m3/d. Typical flow 50 - 55 E6m3/d. Potential IT/FT receipt restriction Upstream of James River including Ricinius West, Ricinius and Strachan. Capability 200 E6m3/d. Typical flow 205 - 225 E6m3/d.	Rahim Ruda	OSDA USJR
4	4	<b>Saddle Hills C/S</b> - Station Modifications (6 days). <b>Dates and duration revised.</b>	09/14/15	09/19/15	Potential IT/FT receipt restriction in Segment 4. Capability 50 E6m3/d. Typical flow 50 - 60 E6m3/d.	Rahim Ruda	Local
5	10	<b>NPS 12 Moosa Lateral</b> - Pipeline Modifications (10 days).	09/15/15	09/25/15	Nil required at Ruth Lake Sales #2 and Ruth Lake Sales #3 meter stations. Typical flow 1700 E3m3/d.	Andrea Watters	Local
6	20	<b>NPS 10 Etzikom Lateral</b> - Pipeline Maintenance (4 days). <b>New</b>	09/16/15	09/19/15	Nil required for Saamis Sales, South Saskatchewan River, Bullshead, Murray Lake, Etzikom A, Etzikom B, & Etzikom D meter stations. Typical flow 350-400 E3m3/d.	Mike Wylie	Local
7	11	<b>NPS 20 Leming Lake Lateral Loop</b> - Pipeline Maintenance (6 days).	09/16/15	09/20/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 55-57 E6m3/d. Typical flow 50 - 55 E6m3/d.	Andrea Watters	OSDA
8	6	<b>NPS 8 Mitsue Lateral</b> - Pipeline Maintenance (6 days). <b>Impact Revised.</b>	09/22/15	09/27/15	Nil required for Nipisi meter station. Typical flow 50 E3m3/d. Potential IT/FT restriction required for Mitsue meter station. Capability 50-130 E3m3/d. Typical flow 100-150 E3m3/d.	Mike Wylie	Local
9	22	<b>NPS 18 Castle River Montana Lateral Loop</b> - Pipeline Modifications (3 days). <b>Dates and duration revised.</b>	09/23/15	09/25/15	Potential IT/FT delivery restriction at Alberta Montana Border. Capability 2500 E3m3/d. Typical flow 1000 to 3000 E3m3/d.	Rahim Ruda	Local
10	7	<b>NPS 30 Grande Prairie Mainline Loop</b> - Pipeline Modifications (4 days). <b>Dates revised.</b>	09/24/15	09/28/15	Nil required at Progress East and Burnt River meter stations. Typical flow 400 E3m3/d.	Rahim Ruda	Local

C/S Compressor Station  
M/S Meter Station  
Shade - indicates new or changed  
Inquiries? Contact info in outages above.

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	#		START	FINISH			
11	6	<b>NPS 8 Mitsue Lateral</b> - Pipeline Maintenance (3 days).	09/25/15	09/27/15	Nil required for Overlea, Otauwau Sales, & Saulteaux Sales. Typical flow 25 E3m3/d.	Mike Wylie	Local
12	18	<b>Crawling Valley #1 C/S</b> – Unit Maintenance (3 days) <b>New</b>	09/28/15	09/30/15	Potential IT/FT delivery restriction at EGAT. Capability 134 E6, Typical flow 120-135 E6m3/d.	Chris Pho	EGAT
13	7	<b>Latornell C/S</b> - Station Maintenance (5 days). <b>Capability revised</b>	09/28/15	10/02/15	Potential IT/FT receipt restriction Upstream of James River including Ricinius West, Ricinius and Strachan. Capability 213 E6m3/d. Typical flow 205 - 225 E6m3/d.	Brooke Dillabough	USJR
14	6	<b>Woodenhouse B C/S</b> - Station Modifications (6 days).	09/30/15	10/05/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability: 56 E6m3/d. Typical Flow: 50-55 E6m3/d	Andrea Watters	OSDA
15	23	<b>NPS 6 Chauvin Lateral</b> - Pipeline Maintenance (6 days within window).	10/01/15	10/31/15	Nil required at Estridge Lake and Chauvin meter stations. Typical flow 70 E3m3/d.	Andrea Watters	Local
16	18	<b>Schrader Creek East #1</b> – Unit Maintenance (4 days) <b>New</b>	10/05/15	10/08/15	Potential IT/FT delivery restriction at EGAT. Capability 130 E6, Typical flow 120-135 E6m3/d.	Chris Pho	EGAT
17	3	<b>Hidden Lake North C/S</b> - Station Maintenance (5 days). <b>Capability revised</b>	10/05/15	10/09/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 57 E6m3/d. Typical flow 50 - 55 E6m3/d. Potential IT/FT receipt restriction Upstream of James River including Ricinius West, Ricinius and Strachan. Capability 222 E6m3/d. Typical flow 205 - 225 E6m3/d	Brooke Dillabough	OSDA USJR
18	13	<b>NPS 8 Big Bend Lateral</b> - Pipeline Maintenance (4-5 days).	10/07/15	10/12/15	Nil required at Big Bend meter station. Typical flow 130 E3m3/d.	Andrea Watters	Local
19	12	<b>NPS 12 Flat Lake Lateral</b> - Pipeline Maintenance (5 days). <b>Dates Revised.</b>	10/14/15	10/18/15	Nil required at Flat Lake. Typical flow 120 E3m3/d.	Andrea Watters	Local
20	23	<b>NPS 8 Wainwright East Lateral</b> - Pipeline Maintenance (3-4 days). <b>Dates Revised.</b>	10/26/15	10/29/15	Nil required at Wainwright East. Typical flow 40 E3m3/d.	Andrea Watters	Local

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	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	CONTAC	AREA
	#		START	FINISH			
21	18	<b>NPS 42 Edson Mainline Loop</b> - Pipeline Modifications (10 days within window).	11/01/15	11/15/15	Potential IT/FT delivery restriction at EGAT. Capability 133 E6, Typical flow 120-135 E6m3/d.	Rahim Ruda	EGAT
22	20	<b>NPS 12 Alderson Lateral</b> - Pipeline Maintenance (7 days).	11/02/15	11/08/15	Nil required at Alderson North, Bantry, Tilley and Tilley South #2 meter stations. Typical flow 900 E3m3/d.	Rahim Ruda	Local
23	1	<b>NPS 12 Paddle Prairie Lateral</b> - Pipeline Maintenance (4 days). C8	11/24/15	11/27/15	Nil required at Keg River East. Typical flow 35 E3m3/d. Potential IT/FT restriction required for Paddle Prairie, Paddle Prairie South, Boyer and Boyer East meter stations. Capability 0 to 400 E3m3/d. Typical flow 400 E3m3/d.	Rahim Ruda	Local
24	21	<b>NPS 42 Western Alberta Mainline Loop</b> - Pipeline Modifications (5 days within window).	12/01/15	12/15/15	Potential IT/FT delivery restriction at ALTBC. Capability 63 E6m3/d, Typical flow 55-60 E6m3/d.	Rahim Ruda	ALTBC
25	21	<b>NPS 42 Western Alberta Mainline Loop</b> - Pipeline Modifications (5 days within window).	12/01/15	12/15/15	Potential IT/FT delivery restriction at ALTBC. Capability 62 E6m3/d, Typical flow 55-60 E6m3/d.	Rahim Ruda	ALTBC

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EGAT - Eastern Gate (Empress/McNeill Borders)  
ALTBC - Alberta/B.C. Border  
FSCD - Firm Service Contract Demand