



Monthly Outage Forecast

January 2015

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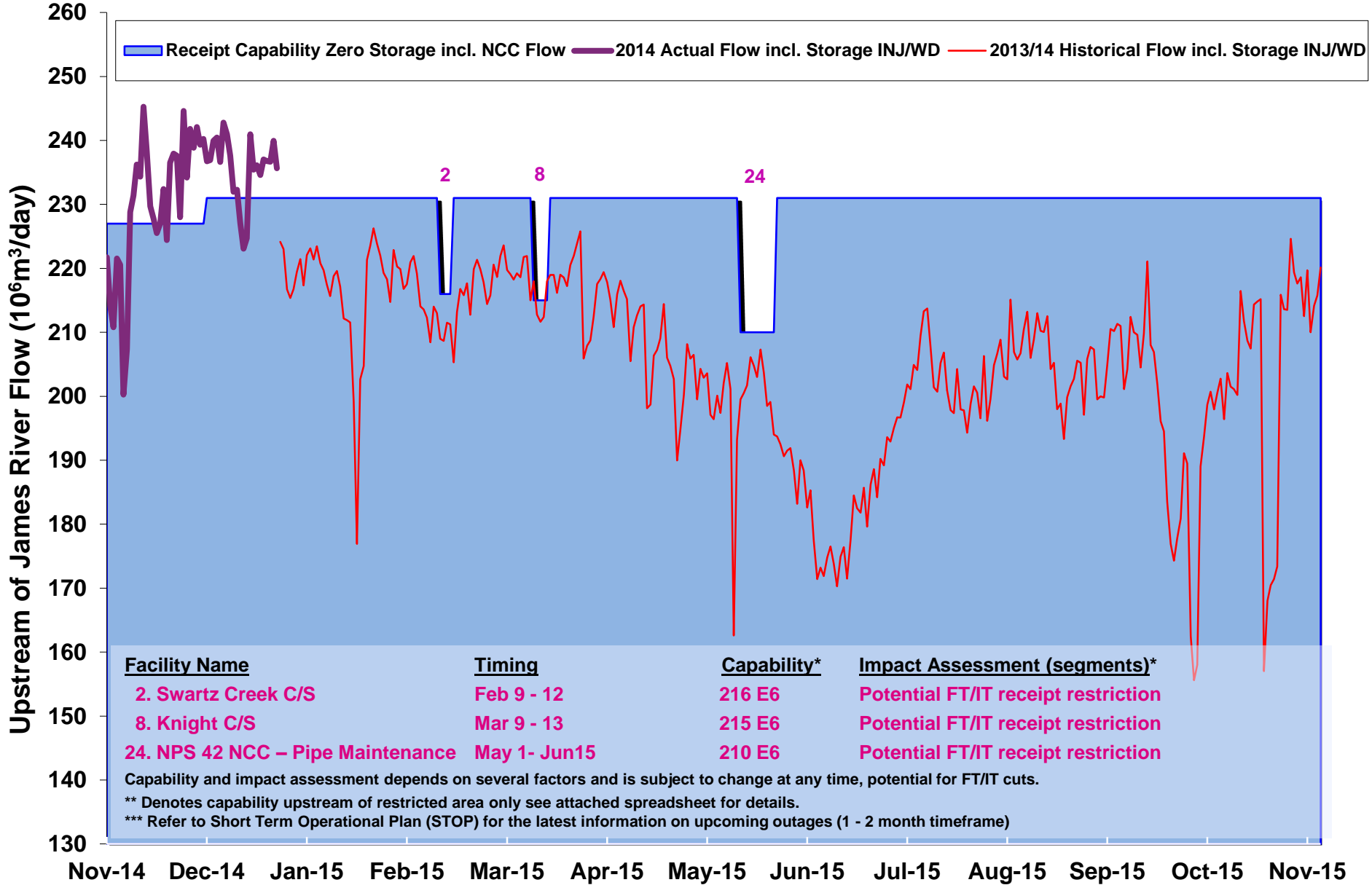
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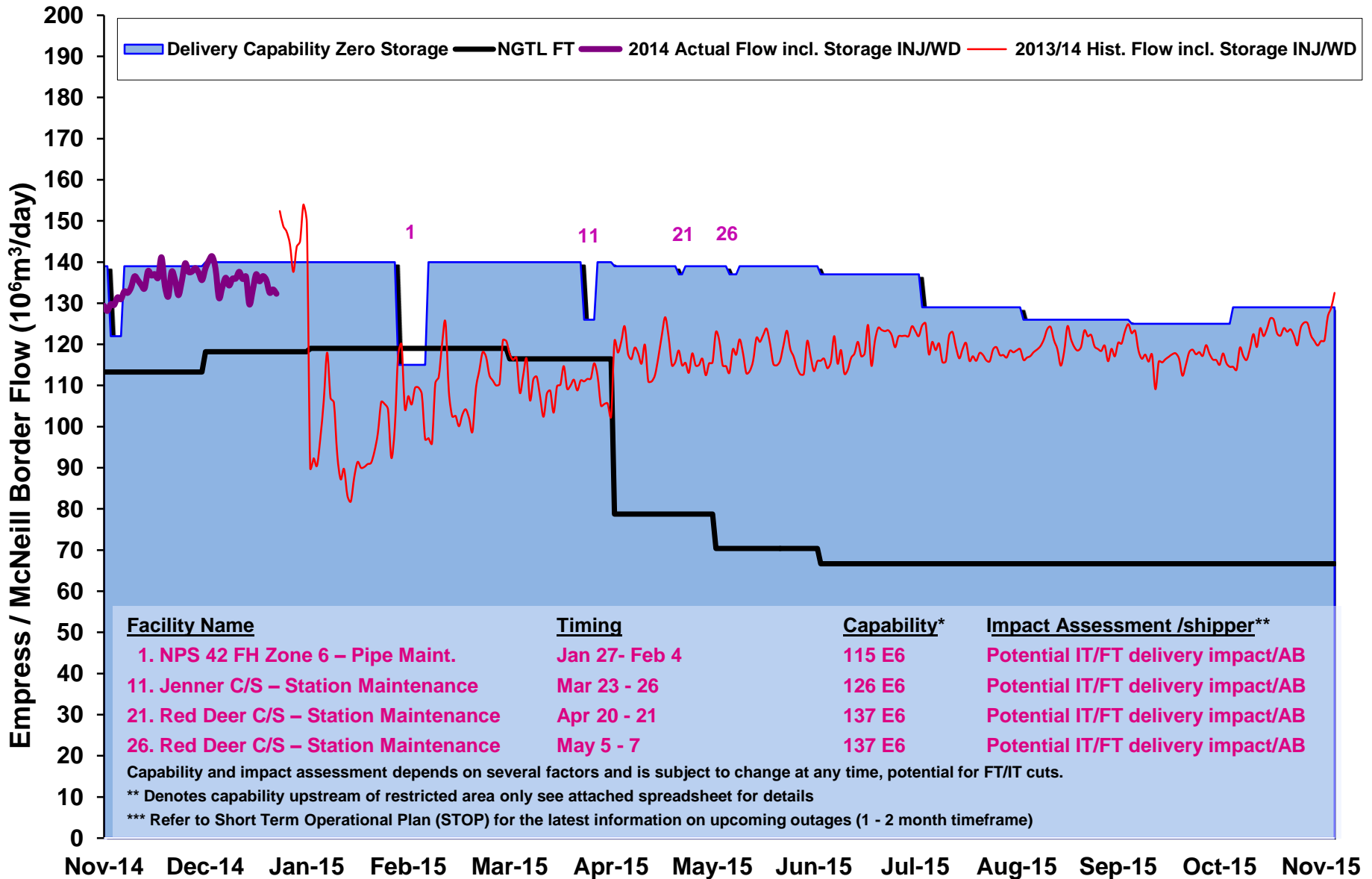
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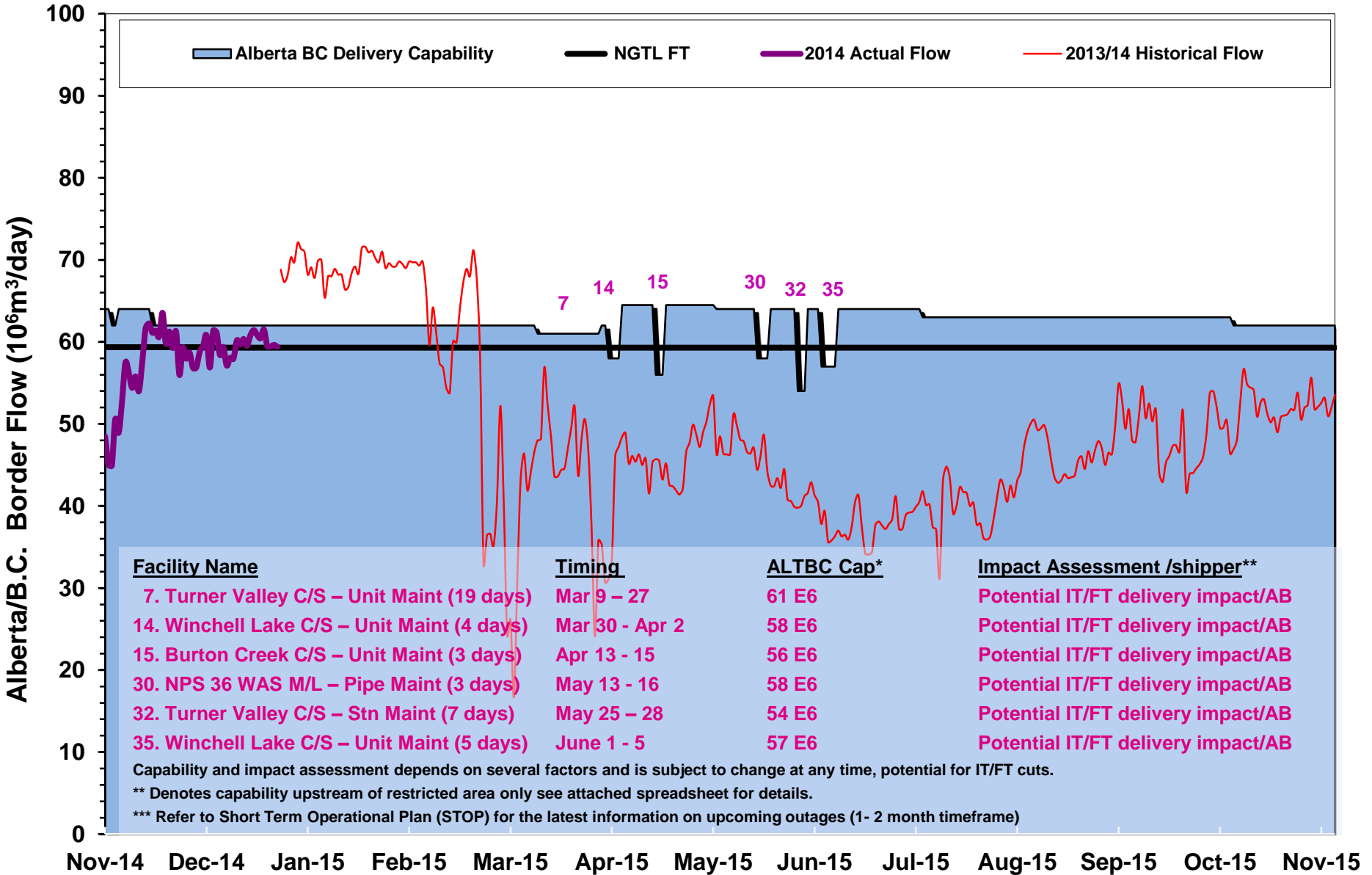
Upstream of James River Outlook



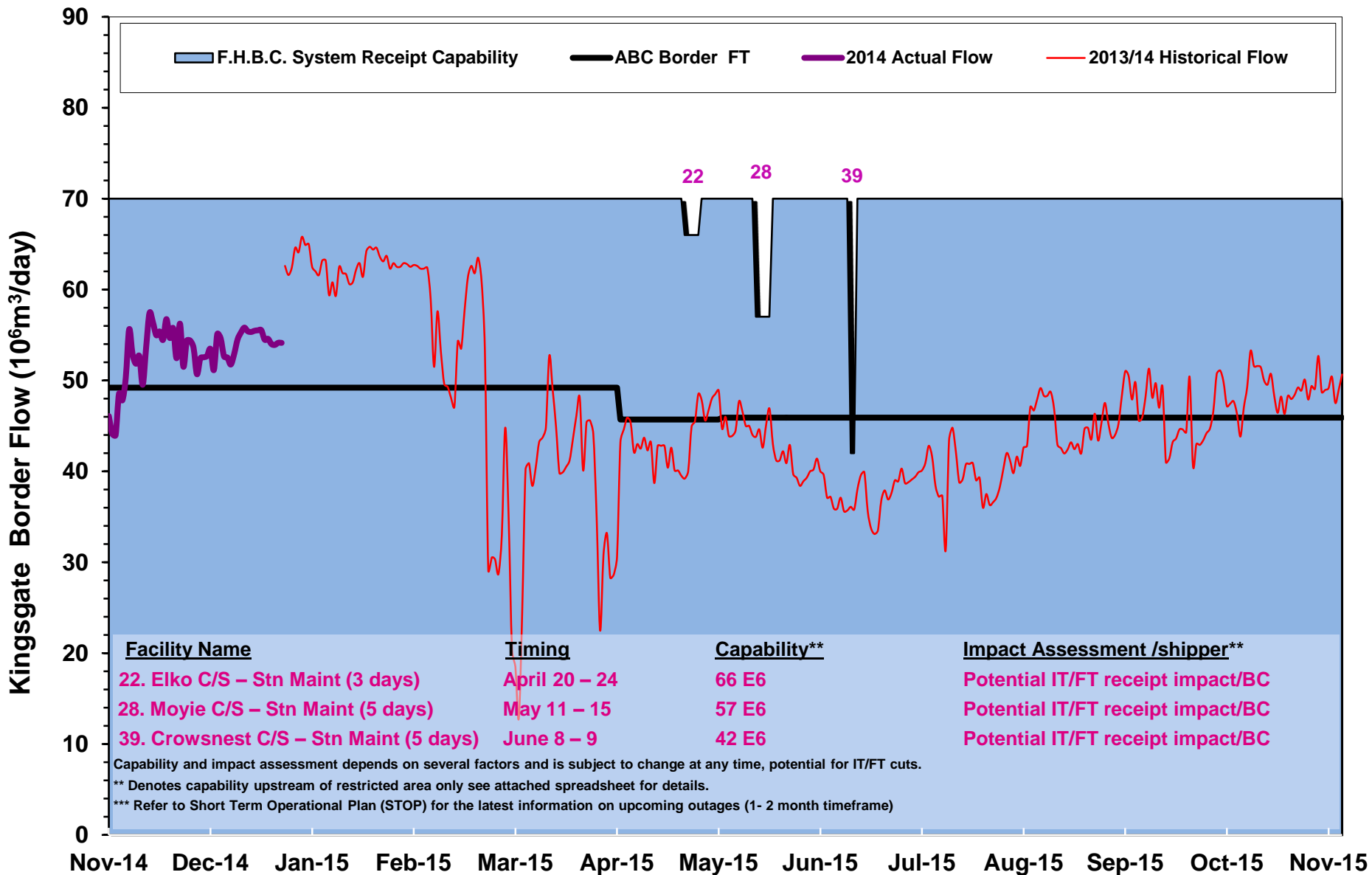
Empress / McNeill Border Outlook



Alberta B.C. Border Outlook

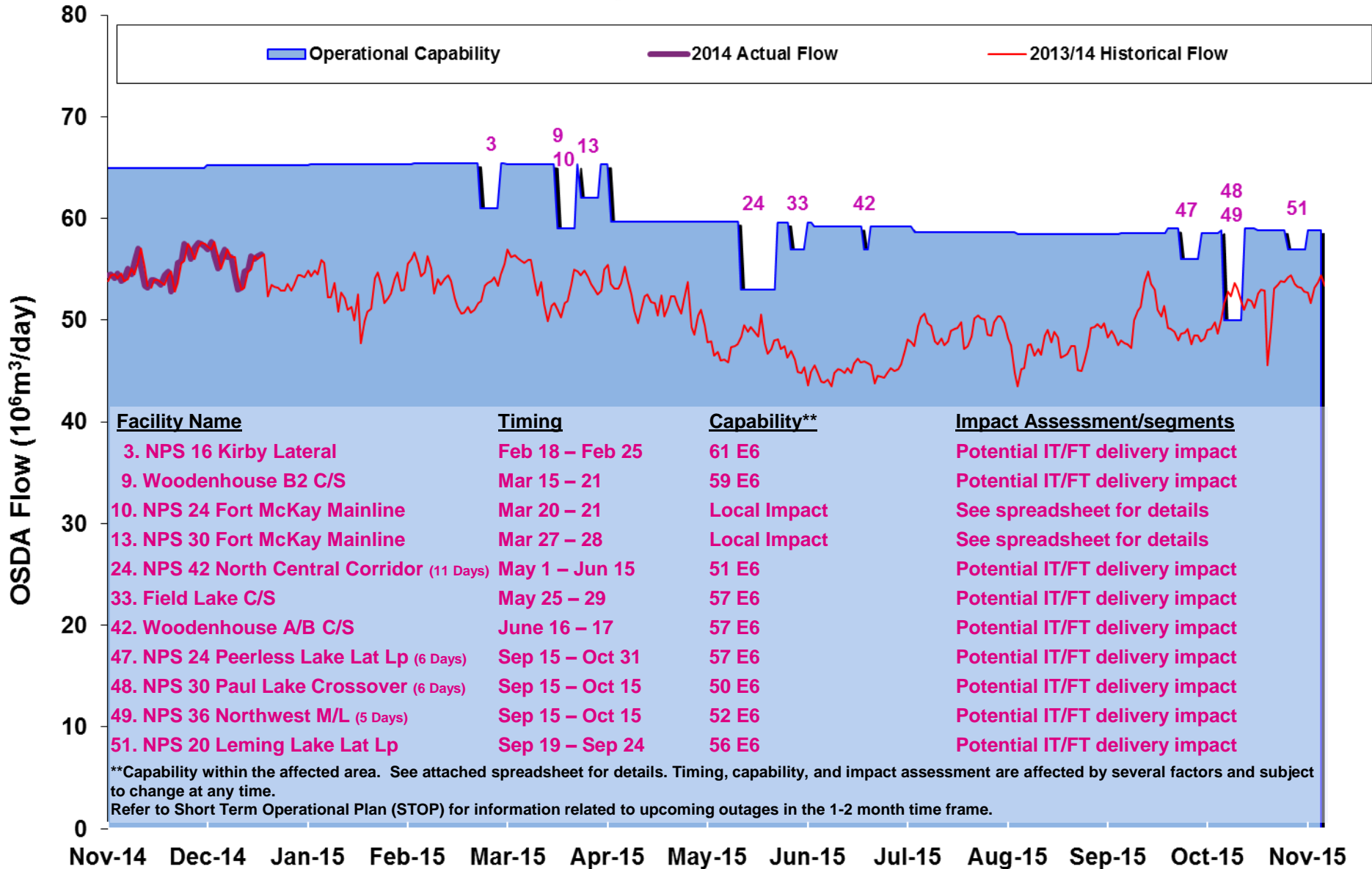


Kingsgate Outlook



Oil Sands Delivery Area (OSDA) Outlook

Segments 10,11,14



SYSTEM MAP

- **NGTL System Map Link**
 - **For NGTL System Facilities Segment codes please view link below**

[http://www.transcanada.com/customerexpress/docs/fh_system_maps/AB System Map AP ATCO 2014 Final Segments.pdf](http://www.transcanada.com/customerexpress/docs/fh_system_maps/AB_System_Map_AP_ATCO_2014_Final_Segments.pdf)

TransCanada Outage Forecast January 2015 as of Dec 30, 2014

	SEG		DATES		RECEIPT/DELIVERY IMPACT	Contact
	#		START	FINISH		
1	8	NPS 42 Foothills Pipeline Zone 6 - Pipeline Maintenance (7 days within window). Dates revised	01/27/15	02/04/15	Potential IT/FT delivery restriction in AB. Capability 115-125 E6, typical flow 90 -150 E6.	Chris Pho
2	8	Swartz Creek C/S - Station Maintenance (4 days). New	02/09/15	02/12/15	Potential IT/FT receipt restriction in Segments 1-5, 7, 26, Partial 8 & 9 (Upstream of James River). Capability = 216 E6m3. Typical flow 230 - 240 E6m3.	Brooke Dillabough
3	11	NPS 16 Kirby Lateral - Pipeline Maintenance (6 days within window). Dates revised	02/18/15	02/25/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 61 E6. Typical flow 50 - 55 E6.	Andrea Watters
4	19	NPS 42 Foothills Pipeline Zone 9 - Pipeline Maintenance (7 days within window). Capacity revised	02/19/15	02/28/15	Potential IT/FT receipt restriction in SK. Capability 35-50 E6, typical flow 40-45 E6.	Chris Pho
5	20	NPS 12 Alderson Lateral - Pipeline Modifications (5 days within window).	03/01/15	03/15/15	Nil required for Alderson, Alderson South, Alderson North, Bantry, Twelve Mile Coulee, Tilley and Tilley South 2 meter stations. Typical flow 1650 E3m3.	Rahim Ruda
6	1	NPS 12 Paddle Prairie Lateral - Pipeline Modifications (6 days within window).	03/01/15	03/15/15	Nil required for Keg River East meter station. Typical flow 35 E3m3. Potential IT/FT restriction required for Paddle Prairie, Paddle Prairie South, Boyer and Boyer East meter stations. Capability 0 to 400 E3m3. Typical flow 400 E3m3.	Rahim Ruda
7	21	Turner Valley #1- Station Maintenance (19 days). New	03/09/15	03/27/15	Potential IT/FT delivery restriction in AB. Capability 61 E6, Typical flow 59-63 E6	Damola Daramola
8	5	Knight C/S - Station Maintenance (5 days). New	03/09/15	03/13/15	Potential IT/FT receipt restriction in Segments 1-5, 7, 24 & 26 (Upstream of James River). Capability = 215 E6m3. Typical flow 230 - 240 E6m3.	Brooke Dillabough
9	6	Woodenhouse B2 C/S - Station Maintenance (6 days). New	03/15/15	03/21/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability: 59 E6. Typical Flow: 50-55 E6	Ashley Lim
10	10	NPS 24 Fort McKay Mainline - Pipeline Maintenance (2 days). Dates Revised	03/20/15	03/21/15	IT/FT delivery restriction required for Aspen Sales, Wapasu Creek Sales, Kearl Sales and Firebag Sales meter stations. Capability = 6080 E3m3. Typical flow 8300 E3m3.	Ashley Lim

C/S Compressor Station

M/S Meter Station

(Shade - indicates new or changed)

General Inquiries? contact Glen Mohan at 920-6802

EGAT - Eastern Gate (Empress/McNeill Borders)

ALTBC - Alberta/BC Border

FSCD - Firm Service Contract Demand

	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	Contact
	#		START	FINISH		
11	20	Jenner C/S - Station Maintenance (4 days). New	03/23/15	03/26/15	Potential IT/FT delivery restriction in AB. Capability 126 E6, Typical flow 132-140 E6	Damola Daramola
12	7	NPS 16 Demmitt and Goodfare Laterals - Pipeline Maintenance (4 days). New	03/23/15	03/27/15	IT/FT restriction required for Demmitt, Brainard Lake and Goodfare meter stations. Capability = 2500 E3m3. Typical flow 4000 to 6000 E3m3. IT/FT restriction required for Demmitt #2 and Hythe meter stations. Capability = 6000 E3m3. Typical flow 4000 to 6000 E3m3.	Brooke Dillabough
13	10	NPS 30 Fort McKay Mainline (2 days) New	03/27/15	03/28/15	IT/FT delivery restriction required for Horizon Sales, Aurora Sales, Aurora # 2 Sales, Jackpine Creek Sales, Aspen Sales, Wapasu Creek Sales, Kearl Sales and Firebag Sales meter stations. Capability = 10,500 E3m3. Typical flow 13,00 E3m3.	Ashley Lim
14	21	Winchell Lake C/S - Station Maint (4 days)	03/30/15	04/02/15	Potential IT/FT delivery restriction in AB. Capability 58 E6. Typical flow 40 - 65 E6.	Damola Daramola
15	21	Burton Creek C/S - Station Maint. (3 days)	04/13/15	04/15/15	Potential IT/FT delivery restriction in AB. Capability 56 E6. Typical flow 40 - 65 E6.	Damola Daramola
16	5	NPS 20 Kaybob Lateral - Pipeline Maintenance (7 days). New	04/14/15	04/20/15	Nils required for Clark Lake, Kaybob, Two Creeks, Two Creeks East and Chickadee Creek West, Raspberry Lake meter stations. Typical flow 600 to 1500 E3m3.	Rahim Ruda
17	17	NPS 6 Three Hills Creek Lateral - Pipeline Modifications (6 days within window). Cancelled	04/15/15	04/30/15	Nils required for Wimborne North and Three Hills Creek meter stations. Typical flow 400 E3m3.	Rahim Ruda
18	18	NPS 12 Wimborne Lateral - Pipeline Modifications (6 days within window). Cancelled	04/15/15	04/30/15	Nil required for Wimborne meter station. Typical flow 115 E3m3.	Rahim Ruda
19	18	NPS 12 Seiu Creek Lateral - Pipeline Modifications (6 days within window). Dates revised	04/15/15	04/30/15	Nil required for Seiu Creek meter station. Typical flow 250 E3m3.	Rahim Ruda
20	9	NPS 6 Ferrier Lateral - Pipeline Modifications (6 days within window). Dates revised	04/15/15	04/30/15	Nils required for Ferrier, Ferrier South A and Codner meter stations. Typical flow 1000 E3m3.	Rahim Ruda

	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	Contact
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21	16	Red Deer C/S - Station Maintenance (2 days). New	04/20/15	04/21/15	Potential IT/FT delivery restriction in AB. Capability 137 E6, Typical flow 132-140 E6	Damola Daramola
22	21	Elko C/S - Station Maint. (4 days)	04/20/15	04/24/15	Potential IT/FT receipt restriction from AB. Capability 66 E6. Typical flow 40 - 65 E6.	Damola Daramola
23	15	Gadsby C/S - Station Maint (5 days) Dates Revised	04/27/15	05/01/15	Nils required for Halkirk North 2, Leo, Castor & Maple Glen meter stations. Typical flow 400 E6m3.	Ashley Lim
24	6	NPS 42 North Central Corridor (Meikle to Woodenhouse) - Pipeline Maintenance (11 days within window).	05/01/15	06/15/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 51-55 E6. Typical flow 50 - 55 E6. Potential IT/FT receipt restriction in Segments 1-5, 7-9 & 26 (Upstream of James River). Capability 210 E6. Typical flow 175-225 E6	Rahim Ruda
25	7	NPS 24 Grande Prairie Mainline Loop - Pipeline Maintenance (4 days). New	05/03/15	05/06/15	Potential IT/FT restriction required for Segments 1-5, 26 and partial 7 (upstream of Gold Creek Compressor Station). Capability = 120 E6m3. Typical flow 120 to 130 E6m3.	Rahim Ruda
26	16	Red Deer C/S - Station Maintenance (3 days). New	05/05/15	05/07/15	Potential IT/FT delivery restriction in AB. Capability 137 E6, Typical flow 132-140 E6	Damola Daramola
27	3	NPS 10 Marlow Creek Lateral - Pipeline Maintenance (6 days).	05/09/15	05/14/15	Nils required for Marlow Creek and Jackpot Creek Sales meter stations. Typical flow 0 to 150 E3m3.	Chuang Li
28	21	Moyie C/S - Station Maint. (5 days)	05/11/15	05/15/15	Potential IT/FT receipt restriction from AB. Capability 57 E6. Typical flow 40 - 65 E6.	Damola Daramola
29	6	Slave Lake C/S - Station Maint (5 days)	05/11/15	05/15/15	Potential FT receipt restriction - NPS 8 Mitsue Lateral: Mitsue, Nipisi & Overlea. (dependent on receipt/delivery balance)	Andrea Watters
30	21	NPS 36 WAS Mainline -Pipeline Maintenance (4 days). New	05/13/15	05/16/15	Potential IT/FT delivery restriction in AB. Capability 58 E6, Typical flow 59-63 E6	Damola Daramola

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31	20	NPS 12 Alderson Lateral - Pipeline Maintenance (7 days).	05/19/15	05/25/15	Niis required to Alderson North, Bantry, Tilley and Tilley South #2 meter stations. Typical flow 900 E3m3.	Damola Daramola
32	21	Turner Valley C/S - Station Maintenance (4 days). New	05/25/15	05/28/15	Potential IT/FT delivery restriction in AB. Capability 54 E6, Typical flow 59-63 E6	Damola Daramola
33	11	Field Lake C/S - Station Maint (5 days) - New	05/25/15	05/29/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. . Capability: 57 E6. Typical Flow: 50-55 E6	Andrea Watters
34	18	NPS 10 Lone Pine Creek Lateral - Pipeline Modifications (6 days within window). Dates revised	06/01/15	06/15/15	Niis required for Lone Pine Creek and Lone Pine Creek Sales meter stations. Typical flow 540 E3m3 (receipt) and 50 E3m3 (sales).	Rahim Ruda
35	21	Winchell Lake C/S - Station Maint (5 days). New	06/01/15	06/05/15	Potential IT/FT delivery restriction in AB. Capability 57 E6, Typical flow 59-63 E6	Damola Daramola
36	23	NPS 6 Chauvin Lateral - Pipeline Modifications (6 days within window).	06/01/15	06/15/15	Niis required for Estridge Lake and Chauvin meter stations. Typical flow 70 E3m3.	Rahim Ruda
37	18	NPS 12 Olds Lateral - Pipeline Modifications (6 days within window). Cancelled	06/01/15	06/15/15	Niis required for Olds and Deadrick Creek Sales meter stations. Typical flow 820 E3m3 (receipt) and 13 E3m3 (sales).	Rahim Ruda
38	17	NPS 6 Joffre Lateral - Pipeline Modifications (6 days within window). Cancelled	06/01/15	06/15/15	Niis required for Joffre and Gaetz Lake Sales meter stations. Typical flow 100 E3m3 (receipt) and 5 E3m3 (sales).	Rahim Ruda
39	21	Crow A/B C/S - Station Maint. (2 days). Capacity revised	06/08/15	06/09/15	Potential IT/FT receipt restriction from AB. Capability 42 E6. Typical flow 40 - 65 E6.	Damola Daramola
40	1	NPS 10 Paddle Prairie Lateral - Pipeline Modifications (6 days within window). Dates revised	06/15/15	06/30/15	Niis required for Paddle Prairie, Paddle Prairie South, Boyer and Boyer East meter stations. Typical flow 400 E3m3.	Rahim Ruda

	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	Contact
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41	2	Cranberry Lake Sales - Meter Station Maint (9 hrs)	06/15/15	06/15/15	Nil required to Cranberry Lake Sales. Typical flow 170 E3M3	Bruce Hansen
42	6	Woodenhouse A/B C/S - Station Maint (2 days). New	06/16/15	06/17/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. . Capability: 57 E6. Typical Flow: 50-55 E6	Andrea Watters
43	20	NPS 16 Alderson Lateral Extension - Pipeline Modifications (6 days within window)	07/15/15	07/31/15	Nil required for Princess West meter station. Typical flow 230 E3m3.	Rahim Ruda
44	23	NPS 6 Chauvin Lateral - Pipeline Maintenance (6 days).	08/20/15	08/25/15	Nils required for Estridge Lake and Chauvin meter stations. Typical flow 70 E3m3.	Rahim Ruda
45	13	NPS 8 Big Bend Lateral - Pipeline Modifications (6 days within window)	09/01/15	09/15/15	Nil required for Big Bend meter station. Typical flow 130 E3m3.	Rahim Ruda
46	22	NPS 18 Castle River Montana Lateral Loop - Pipeline Modifications (4 days within window)	09/15/15	09/30/15	Potential IT/FT delivery restriction at Alberta Montana Border. Capacity = 2500 E3m3. Typical flow 1000 to 3000 E3m3.	Rahim Ruda
47	6	NPS 24 Peerless Lake Lateral Loop - Pipeline Modifications (6 days within window).	09/15/15	10/31/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 57 E6. Typical flow 50 - 55 E6.	Rahim Ruda
48	12	NPS 30 Paul Lake Crossover - Pipeline Modifications (6 days within window). Dates Revised	09/15/15	10/15/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 50 E6. Typical flow 50 - 55 E6. Potential IT/FT receipt restriction in Segments 1-5, 7-9 & 26 (Upstream of James River). Capability 215 E6. Typical flow 175-225 E6. To be potentially aligned with the NPS 36 Northwest Mainline as a single outage.	Rahim Ruda
49	4	NPS 36 Northwest Mainline - Pipeline Modifications (5 days within window). New	09/15/15	10/15/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 52 E6. Typical flow 50 - 55 E6. Potential IT/FT receipt restriction in Segments 1-5, 7-9 & 26 (Upstream of James River). Capability 215 E6. Typical flow 175-225 E6. To be potentially aligned with the NPS 30 Paul Lake Crossover as a single outage.	Rahim Ruda
50	10	NPS 12 Moosa Lateral - Pipeline Modifications (10-14 days within window). New	09/15/15	09/30/15	Nils required for Ruth Lake Sales #2 and Ruth Lake Sales #3 meter stations. Typical flow 1200 E3m3.	Rahim Ruda

	SEG	OUTAGE DESCRIPTION	DATES		RECEIPT/DELIVERY IMPACT	Contact
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51	11	NPS 20 Leming Lake Lateral Loop - Pipeline Maintenance (6 days).	09/19/15	09/24/15	Potential IT/FT delivery restriction in Segments 10, 11 & 14. Capability 55-57 E6. Typical flow 50 - 55 E6.	Andrea Watters
52	7	NPS 30 Grande Prairie Mainline Loop - Pipeline Modifications (4 days within window). New	09/21/15	10/15/15	Nils required to Progress East and Burnt River meter stations. Typical flow 400 E3m3. Potential IT restriction for Segment 7.	Rahim Ruda
53	8	NPS 30 January Creek Lateral - Pipeline Modifications (4 days within window). Dates revised	10/01/15	10/15/15	Nil required for January Creek meter station. Typical flow 0 to 3 E6m3.	Rahim Ruda
54	7	NPS 16/20 Grande Prairie Mainline - Pipeline Modifications (6 days within window)	11/01/15	11/15/15	Nils required for Bear River West, Bear River, Valhalla, Valhalla #2 and Wembley meter stations. Typical flow 4500 E3m3.	Rahim Ruda
55	7	NPS 20/24 Grande Prairie Mainline - Pipeline Modifications (6 days within window)	11/01/15	11/15/15	Potential IT/FT restriction required for Brainard Lake, Demmitt, Demmitt 2, Elmworth High, Goodfare, Hythe and Bear River West meter stations. Capability 24 E6m3. Typical flow 19 to 23.5 E6m3.	Rahim Ruda
56	13	NPS 8 Big Bend Lateral - Pipeline Maintenance (6 days).	11/08/15	11/13/15	Nil required for Big Bend meter station. Typical flow 130 E3m3.	Andrea Watters