



**Supply and Disposition of Butanes**  
Unit = m3

C4-SP', 'IC4-SP', 'NC4-SP', 'BUTANE-SP', 'BUTANE'

Run Date:

Year To Date

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>SUPPLY</b>													
Opening Inventory	FROM Volumetric Summary Activity Table		INVOP										Year to date opening inventory is from January
<b>Production</b>													
Plant/Gathering System Process	FROM Volumetric Summary Activity Table		TOTPROC	** Volume of Butanes produced from field facility (Battery, Gas Gathering System, Gas Plant)									
Refinery Process	FROM Volumetric Reporting Activity Table		Source=ABOT, ACTIVITY=REC, Dest=ABRF	** Volume of Butanes produced at Refinery									
Fractionation Yield	FROM Volumetric Summary Activity Table		TOTFRAC	** Volume of Butanes produced from Gas receipts at Fractionation facility									
<b>Total Production</b>	<b>CALCULATED: Sum of Production volumes</b>												
Intra-Alberta Receipts	FROM Volumetric Reporting Activity Table		Source=ABOT, ABGE or ABMC, ACTIVITY=REC, Dest=AB_Facility	** Volume of Butanes received from non AER regulated facility									
Imports	FROM Volumetric Reporting Activity Table		Source=^AB, ACTIVITY=REC, Dest=AB_Facility	** Volume of Butanes received from non Alberta source									
Closing Inventory	FROM Volumetric Summary Activity Table		INVCL	Year to date closing inventory is from the most current month reporting									
Adjustments	FROM Volumetric Summary Activity Table		INVADJ (can be either positive or negative)	PLUS	IMBAL (can be either positive or negative)	PLUS	DIFF (can be either positive or negative)						
<b>TOTAL BUTANE SUPPLY</b>	<b>CALCULATED: Opening Inventory PLUS Total Production SUBTRACT Closing Inventory PLUS Inventory Adjustment PLUS Imbalance Adjustment PLUS Imports</b>												
<b>DISPOSITION</b>													
<b>Alberta Use</b>													
Butane Reported as Oil & Equivalent	FROM Volumetric Summary Activity Table		Sum of all facilities: C4 supply - C4 disposition										
Alberta Injection	FROM Volumetric Summary Activity Table		TOTINJ										
Alberta Other Sales	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=ABOT, ABGE or ABMC	** Volume of Butanes reported sent to non AER regulated facility									
<b>Total Alberta Use</b>	<b>CALCULATED: Sum of Butanes reported as Oil &amp; Equivalent PLUS Alberta Injection PLUS Alberta Other Sales</b>												
<b>Other Canada</b>													
British Columbia	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=BC										
Saskatchewan	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=SK										
Manitoba	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=MB										
Ontario	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=ON										
Quebec	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=QC										
Maritimes	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=NL, NB, NS, PE										
NWT Yukon Nunavut	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=NT, NU, YT										
<b>Total Other Canada</b>	<b>CALCULATED: Sum of Other Canada</b>												
<b>USA Removals</b>													
PADD 1	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=CT, DC, DE, FL, GA, MA, MD, ME, NC, NH, NJ, NY, PA, RI, SC, VA, VT, WV										
PADD 2	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, OK, SD, TN, WI										
PADD 3	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=AL, AR, LA, MS, NM, TX										
PADD 4	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=CO, ID, MT, UT, WY										
PADD 5	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=AK, AZ, CA, HI, NV, OR, WA	PLUS	Source=NEB Pipeline, ACTIVITY=DISP	** NEB Disposition of Butanes removals - audit							
<b>Total USA Removals</b>	<b>CALCULATED: Sum of USA Removals</b>												
Offshore Removals	FROM Volumetric Reporting Activity Table		Source=AB_Facility, ACTIVITY=DISP, Dest=OS										
<b>Total Removals From Alberta</b>	<b>CALCULATED: Sum of Other Canada Removals and USA Removals and Offshore Removals</b>												
Reporting Adjustment as percent	<b>CALCULATED: Total Disposition SUBTRACT Alberta Injection SUBTRACT Alberta Other Sales SUBTRACT Total Removals from Alberta</b> <b>CALCULATED: Reporting Adjustment DIVIDED BY TOTAL SUPPLY AS PERCENT VALUE</b>												
<b>TOTAL DISPOSITION</b>	<b>CALCULATED: EQUAL to TOTAL SUPPLY</b>												

Note: Removals refers to the reported disposition to the first destination outside of Alberta. This may not be the final market.



**Supply and Disposition of Butanes**  
Unit = m<sup>3</sup>

Run Date: 02 January 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2017
<b>SUPPLY</b>													
Opening Inventory	384,062.9	295,447.7	245,324.5	293,596.3	357,560.5	392,792.9	411,219.2	472,485.9	518,291.1	507,626.5	444,974.1	-	384,062.9
<b>Production</b>													
Plant/Gathering System Process	106,984.2	92,140.1	76,547.0	71,850.0	70,122.1	64,707.6	55,858.1	58,413.1	55,833.5	68,723.5	72,084.7	-	793,263.9
Refinery Process	24.6	1,203.6	5,374.1	1,958.4	-	-	2,348.4	392.7	1,327.5	1,719.6	141.5	-	14,490.4
Fractionation Yield	345,331.7	327,590.2	346,465.0	303,292.4	337,160.0	307,357.6	383,170.0	376,866.7	354,693.2	407,580.7	372,275.0	-	3,861,782.5
<b>Total Production</b>	<b>452,340.5</b>	<b>420,933.9</b>	<b>428,386.1</b>	<b>377,100.8</b>	<b>407,282.1</b>	<b>372,065.2</b>	<b>441,376.5</b>	<b>435,672.5</b>	<b>411,854.2</b>	<b>478,023.8</b>	<b>444,501.2</b>	<b>-</b>	<b>4,669,536.8</b>
Intra-Alberta Receipts	13,313.2	21,430.2	20,938.7	31,216.1	28,087.2	25,563.4	22,287.3	23,293.4	22,799.3	23,440.2	18,755.8	-	251,124.8
Imports	20,248.0	13,398.3	20,390.0	32,315.0	35,093.9	23,711.2	20,032.1	28,766.7	23,133.4	19,384.0	15,130.1	-	251,602.7
Closing Inventory	295,447.7	245,324.5	293,596.3	357,560.5	392,792.9	411,219.2	472,485.9	518,291.1	507,626.5	444,974.1	363,916.4	-	363,916.4
Adjustments	(12,666.5)	(9,806.1)	(31,509.5)	(4,792.8)	(11,101.0)	(4,758.7)	(8,560.3)	(10,755.9)	(8,428.8)	(15,030.1)	(8,374.8)	-	(125,784.5)
<b>TOTAL BUTANE SUPPLY</b>	<b>561,850.4</b>	<b>496,079.5</b>	<b>389,933.5</b>	<b>371,874.9</b>	<b>424,129.8</b>	<b>398,154.8</b>	<b>413,868.9</b>	<b>431,171.5</b>	<b>460,022.7</b>	<b>568,470.3</b>	<b>551,070.0</b>	<b>-</b>	<b>5,066,626.3</b>
<b>DISPOSITION</b>													
<b>Alberta Use</b>													
Butane Reported as Oil & Equivalent	171,422.6	160,559.7	178,737.3	178,986.7	166,490.9	157,016.9	162,974.8	163,381.5	156,492.3	178,006.3	172,558.5	-	1,846,627.5
Alberta Injection	858.3	813.6	560.1	272.9	85.7	173.2	282.3	-	-	-	-	-	3,046.1
Alberta Other Sales	282,214.5	234,020.3	154,226.7	155,159.8	216,663.3	207,814.8	227,131.6	227,107.5	255,659.9	304,927.7	296,760.4	-	2,561,686.5
<b>Total Alberta Use</b>	<b>454,495.4</b>	<b>395,393.6</b>	<b>333,524.1</b>	<b>334,419.4</b>	<b>383,239.9</b>	<b>365,004.9</b>	<b>390,388.7</b>	<b>390,489.0</b>	<b>412,152.2</b>	<b>482,934.0</b>	<b>469,318.9</b>	<b>-</b>	<b>4,411,360.1</b>
<b>Other Canada</b>													
British Columbia	17,005.8	6,145.2	14,506.1	911.9	1,131.2	3,051.6	3,241.5	6,346.8	2,452.7	6,805.5	4,305.1	-	65,903.4
Saskatchewan	18,834.1	14,062.0	14,519.6	16,479.7	6,386.5	7,900.9	2,670.1	3,382.9	4,786.1	4,159.5	9,045.7	-	102,227.1
Manitoba	-	-	-	-	-	-	-	-	-	-	475.4	-	475.4
Ontario	-	-	1,319.8	-	-	-	-	-	-	-	-	-	1,319.8
Quebec	-	1,552.2	1,197.4	-	-	-	-	-	-	-	-	-	2,749.6
Maritimes	1,077.3	1,593.4	-	-	-	-	-	-	-	-	-	-	2,670.7
NWT Yukon Nunavut	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Other Canada</b>	<b>36,917.2</b>	<b>23,352.8</b>	<b>31,542.9</b>	<b>17,391.6</b>	<b>7,517.7</b>	<b>10,952.5</b>	<b>5,911.6</b>	<b>9,729.7</b>	<b>7,238.8</b>	<b>10,965.0</b>	<b>13,826.2</b>	<b>-</b>	<b>175,346.0</b>
<b>USA Removals</b>													
PADD 1	597.5	-	-	-	-	-	-	350.6	-	-	-	-	948.1
PADD 2	16,286.0	9,306.7	3,662.6	-	2,850.7	4,402.7	5,463.2	2,970.5	9,397.5	4,152.0	3,625.3	-	62,117.2
PADD 3	-	-	-	-	-	-	-	-	-	2,232.1	4,863.7	-	7,095.8
PADD 4	3,978.3	5,566.5	2,201.0	2,063.1	7,471.7	7,227.2	4,451.1	1,755.9	1,754.8	2,110.9	2,856.9	-	41,437.4
PADD 5	49,591.2	62,266.5	21,203.6	18,879.4	23,789.6	10,567.4	8,426.6	26,968.0	29,452.9	65,123.1	56,521.5	-	372,789.8
<b>Total USA Removals</b>	<b>70,453.0</b>	<b>77,139.7</b>	<b>27,067.2</b>	<b>20,942.5</b>	<b>34,112.0</b>	<b>22,197.3</b>	<b>18,340.9</b>	<b>32,045.0</b>	<b>40,605.2</b>	<b>73,618.1</b>	<b>67,867.4</b>	<b>-</b>	<b>484,388.3</b>
Offshore Removals	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Removals From Alberta</b>	<b>107,370.2</b>	<b>100,492.5</b>	<b>58,610.1</b>	<b>38,334.1</b>	<b>41,629.7</b>	<b>33,149.8</b>	<b>24,252.5</b>	<b>41,774.7</b>	<b>47,844.0</b>	<b>84,583.1</b>	<b>81,693.6</b>	<b>-</b>	<b>659,734.3</b>
Reporting Adjustment as percent	(15.2) 0.00%	193.4 0.04%	(2,200.7) -0.56%	(878.6) -0.24%	(739.8) -0.17%	0.1 0.00%	(772.3) -0.19%	(1,092.2) -0.25%	26.5 0.01%	953.2 0.17%	57.5 0.01%	-	(4,468.1) -0.09%
<b>TOTAL DISPOSITION</b>	<b>561,850.4</b>	<b>496,079.5</b>	<b>389,933.5</b>	<b>371,874.9</b>	<b>424,129.8</b>	<b>398,154.8</b>	<b>413,868.9</b>	<b>431,171.5</b>	<b>460,022.7</b>	<b>568,470.3</b>	<b>551,070.0</b>	<b>-</b>	<b>5,066,626.3</b>

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