



Supply and Disposition of Natural Gas
Unit = 10³m³

'GAS','PROCGAS','PURCHGAS','ACID-G','ACGAS','CO2','N2'

ENTGAS','SOLVENT'

Run Date 06/28/2017

SUPPLY

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date	
Opening Inventory	FROM Volumetric Summary Activity Table												INVOP	Year to date opening inventory is from the most current month reporting
Production														
Well Production	FROM Volumetric Reporting Activity Table												activity_type = 'PROD' and left(dest_reporting_facility_id,4) <> 'ABOS' and rfd.facility_sub_type not like '%Oil Sands%' and pss.status_type <> 2	
In Situ Well Production	FROM Volumetric Reporting Activity Table												activity_type = 'PROD' and left(dest_reporting_facility_id,4) <> 'ABOS' and rfd.facility_sub_type like '%Oil Sands%'	
Commercial Storage Withdrawal	FROM Volumetric Reporting Activity Table												activity_type = 'PROD' and left(dest_reporting_facility_id,4) <> 'ABOS' and rfd.facility_sub_type not like '%Oil Sands%' and pss.status_type = 2 AND IN COMMERCIAL STORAGE POOL	
Commercial Storage Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and rfs.facility_sub_type not like '%Oil Sands%' and psd.status_type = 2 AND IN COMMERCIAL STORAGE POOL	
Non-Commercial Storage Withdrawal	FROM Volumetric Reporting Activity Table												activity_type = 'PROD' and left(dest_reporting_facility_id,4) <> 'ABOS' and rfd.facility_sub_type not like '%Oil Sands%' and pss.status_type = 2 AND NOT IN COMMERCIAL STORAGE POOL	
Non-Commercial Storage Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and rfs.facility_sub_type not like '%Oil Sands%' and psd.status_type = 2 AND NOT IN COMMERCIAL STORAGE POOL	
Oil Sands Facility Production	FROM Volumetric Reporting Activity Table												activity_type = 'PROD' and left(dest_reporting_facility_id,4) = 'ABOS'	
Raw Gas Imports	FROM Volumetric Reporting Activity Table												activity_type in ('REC','PURREC') and left(source_reporting_facility_id,2) <> 'AB' and left(dest_reporting_facility_id,4) in ('ABBT','ABGP','ABGS') and rfd.facility_sub_type <> 'GP Mainline Strdle'	
Total Production	CALCULATED -- Sum of Production volumes (injection volumes are negative)													

Receipts

Entrained Gas	FROM Volumetric Reporting Activity Table												activity_type in ('REC','PURREC') and left(source_reporting_facility_id,4) in ('ABOT','ABMC','ABGE','ABCO') and left(dest_reporting_facility_id,4) <> 'ABOS'	
Acid Gas	FROM Volumetric Reporting Activity Table												fluid_type = 'ENTGAS'	
CO2	FROM Volumetric Reporting Activity Table												fluid_type = 'ACGAS' and activity_type = 'REC'	
Oil Sands Facilities Receipts	FROM Volumetric Reporting Activity Table												fluid_type = 'CO2' and activity_type = 'REC'	
Intra AB Receipts	FROM Volumetric Reporting Activity Table												activity_type = 'REC' and left(dest_reporting_facility_id,4) = 'ABOS' SUBTRACT from Volumetric Summary Activity table activity_type = 'FURPROC'	
Processed Gas Imports	FROM Volumetric Reporting Activity Table												activity_type in ('REC','PURREC') and left(source_reporting_facility_id,2) <> 'AB' and left(dest_reporting_facility_id,4) not in ('ABBT','ABGP','ABGS','ABOS') or rfd.facility_sub_type = 'GP Mainline Strdle')	
Total Receipts	CALCULATED -- Sum of Receipt volumes													

Field Gas Use

Flare	FROM Volumetric Reporting Activity Table												activity_type in ('FLARWAST','FLARE') and Dest_Prod_String_UWI is not null or left(dest_reporting_facility_id,4) in ('ABBT','ABGP','ABGS') and rfd.facility_sub_type <> 'GP Mainline Strdle' and rfd.facility_sub_type not like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type not like '%Oil Sands%'	
Fuel	FROM Volumetric Reporting Activity Table												activity_type in ('FUEL') and Dest_Prod_String_UWI is not null or left(dest_reporting_facility_id,4) in ('ABBT','ABGP','ABGS') and rfd.facility_sub_type <> 'GP Mainline Strdle' and rfd.facility_sub_type not like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type not like '%Oil Sands%'	
Vent	FROM Volumetric Reporting Activity Table												activity_type in ('VENT') and Dest_Prod_String_UWI is not null or left(dest_reporting_facility_id,4) in ('ABBT','ABGP','ABGS') and rfd.facility_sub_type <> 'GP Mainline Strdle' and rfd.facility_sub_type not like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type not like '%Oil Sands%'	
Shrinkage	FROM Volumetric Summary Activity Table												activity_type = 'SHR' and vsa.fluid_type not in ('oil','cond') and left(vsa.reporting_facility_id,4) in ('ABBT','ABGP','ABGS') and rf.facility_sub_type <> 'GP Mainline Strdle'	
Total Field Gas Use														

Processed Gas Use

Flare	FROM Volumetric Reporting Activity Table												activity_type in ('FLARWAST','FLARE') and (left(vra.source_reporting_facility_id,4) not in ('ABBT','ABGP','ABGS','ABOS','ABPL') and rf.facility_sub_type not like '%Oil Sands%') or rf.facility_sub_type = 'GP Mainline Strdle'	
Fuel	FROM Volumetric Reporting Activity Table												activity_type = 'FUEL' and (left(vra.source_reporting_facility_id,4) not in ('ABBT','ABGP','ABGS','ABOS','ABPL') and rf.facility_sub_type not like '%Oil Sands%') or rf.facility_sub_type = 'GP Mainline Strdle'	
Vent	FROM Volumetric Reporting Activity Table												activity_type = 'VENT' and (left(vra.source_reporting_facility_id,4) not in ('ABBT','ABGP','ABGS','ABOS','ABPL') and rf.facility_sub_type not like '%Oil Sands%') or rf.facility_sub_type = 'GP Mainline Strdle'	
Shrinkage	FROM Volumetric Summary Activity Table												activity_type = 'SHR' and vsa.fluid_type not in ('oil','cond') and left(vsa.reporting_facility_id,4) not in ('ABBT','ABGP','ABGS') or rf.facility_sub_type = 'GP Mainline Strdle'	
Waste Plant Use	FROM Volumetric Reporting Activity Table												activity_type = 'DISP' and left(vra.dest_reporting_facility_id,4) = 'ABWP'	
Total Processed Gas Use														

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 (all but meter station differences - can be either positive or negative)	

TOTAL NATURAL GAS SUPPLY **CALCULATED -- Opening Inventory + Total Production + Total Receipts - Total Field Use - Total Processed Gas Use - Closing Inventory + Adjustments**

DISPOSITION

Alberta Use														
Residential	FROM Volumetric Reporting Activity Table												activity_type = 'DISP' and left(vra.dest_reporting_facility_id,4) in ('ABR1','ABR2','ABRE')	
Commercial	FROM Volumetric Reporting Activity Table												activity_type = 'DISP' and left(vra.dest_reporting_facility_id,4) = 'ABCO'	
Industrial	FROM Volumetric Reporting Activity Table												activity_type = 'DISP' and left(vra.dest_reporting_facility_id,4) = 'ABIN'	
Alberta Other Sales	FROM Volumetric Reporting Activity Table												activity_type = 'DISP' and left(vra.dest_reporting_facility_id,4) in ('ABOT','ABMC','ABGE')	
Pipeline Fuel (Transportation)	FROM Volumetric Reporting Activity Table												activity_type = 'FUEL' and left(vra.dest_reporting_facility_id,4) = 'ABPL'	
Injection (Enhanced Recovery)														
Gas Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and rfs.facility_sub_type not like '%Oil Sands%' and psd.status_type <> 2 PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type not like '%Oil Sands%'	
Solvent Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and fluid_type in ('SOLV','SOLVENT')	
Acid Gas Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and fluid_type in ('ACGAS')	
CO2 Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and fluid_type in ('CO2')	
Total Injection	CALCULATED - - Sum of Injection													
In Situ Facilities Use														
In Situ Gas Injection	FROM Volumetric Reporting Activity Table												activity_type = 'INJ' and rfs.facility_sub_type like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type like '%Oil Sands%'	
Flare	FROM Volumetric Reporting Activity Table												activity_type in ('FLARE','FLARWAST') and rfs.facility_sub_type like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type like '%Oil Sands%'	
Fuel	FROM Volumetric Reporting Activity Table												activity_type = 'FUEL' and rfs.facility_sub_type like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type like '%Oil Sands%'	
Vent	FROM Volumetric Reporting Activity Table												activity_type = 'VENT' and rfs.facility_sub_type like '%Oil Sands%' PLUS fluid_type = 'ENTGAS' and rfs.facility_sub_type like '%Oil Sands%'	
Total In Situ Facilities Use	CALCULATED - - Sum of In Situ Facilities Use													
Oil Sands Facilities Use														
Flare	FROM Volumetric Reporting Activity Table												activity_type = 'FLARE' and left(vra.dest_reporting_facility_id,4) = 'ABOS'	

Run Date 06/28/2017

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Fuel	FROM Volumetric Reporting Activity Table activity_type = 'FUEL' and left(vra.dest_reporting_facility_id,4) = 'ABOS'												
Plant Use	FROM Volumetric Summary Activity Table activity_type = 'PLTUSE'												
Total Oil Sands Facilities Use	CALCULATED - - Sum of Oil Sands Facilities Use												
Total Alberta Use	CALCULATED - - Sum of Alberta Other Sales, Residential, Commercial, Industrial, Pipeline Fuel, Total Injection, Total In Situ Use, Total Oil Sands Facilities Use												
Other Canada Removals	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="BC" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
British Columbia	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="SK" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Saskatchewan	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="MN" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Manitoba	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="ON" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Ontario	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="QC" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Quebec	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="NL, NB, NS, PE" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Maritimes	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="NT, NU, YT" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
NWT Yukon Nunavut	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="NT, NU, YT" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Total Other Canada Removals	CALCULATED - - Sum of Other Canada Removals												
USA Removals	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD1 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
PADD1	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD2 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
PADD2	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD3 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
PADD3	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD4 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
PADD4	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD5 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
PADD5	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="PADD5 States" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Total USA Removals	CALCULATED - - Sum of USA Removals												
Offshore Removals	FROM Volumetric Reporting Activity Table activity_type = 'DISP', Dest="OFFSHORE" PLUS Prorated portion of reported Gas Removal Permits for (Dest=Mainline PLUS Dest=Other NEB Facilities)												
Total Removals from Alberta	CALCULATED - - Sum of Other Canada Removals and USA Removals and Offshore Removals												
10³m³/day	CALCULATED - - Total Removals from Alberta DIVIDED BY Days in month												
Reporting Adjustment as percent	CALCULATED - - Total Supply SUBTRACT Total Alberta Use SUBTRACT Total Removed from the Province												
	CALCULATED - - Reporting Adjustment / Total Disposition - as percent												
TOTAL NATURAL GAS DISPOSITION	CALCULATED - - Equal to Total Supply												

Note: Removals from Alberta are calculated by prorating the total pipeline border deliveries to market destinations based on Removal volumes provided by Gas Removal Permit holders. These Removals may refer to the reported disposition to the first destination outside of Alberta. This may not be the final market.

COMMERCIAL STORAGE POOLS			
Field Code	Field	Pool Code	Area
168	Brazeau River	696005	Nisku E
935	Wayne-Rosedale	301713	Glauconitic-MSM ** Prior to July 1, 2015 ->
196	Carrot Creek	176303	Cardium CCC
259	Countess	251513	Upper Mann M5M
259	Countess	213014	Bow Island N
269	Crossfield East	638001	ElktonA
269	Crossfield East	638004	ElktonD
316	Dimsdale	230001	Paddy A
320	Edson	218004	Viking D
486	Hussar	300018	Glauconitic R
603	McLeod	176004	Cardium D
877	Suffield	213014	B IslandN
877	Suffield	213028	B IslandBB
877	Suffield	213407	B IslandGGG
877	Suffield	250009	Upper Mann I
877	Suffield	250011	Upper Mann K
929	Warwick	300801	Glauconitic-Nisku A

Run Date: 28 June 2017

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2017
Total USA Removals	3,831,788.1	3,160,637.2	4,350,678.6	3,869,422.4	-	-	-	-	-	-	-	-	15,212,526.3
Offshore Removals	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Removals from Alberta	5,812,289.3	5,165,624.8	6,801,586.4	6,253,907.5	-	-	-	-	-	-	-	-	24,033,408.0
10³m³/day	187,493.2	184,486.6	219,406.0	208,463.6	-	-	-	-	-	-	-	-	66,654.1
Reporting Adjustment as percent	817,317.5 7.05%	667,114.4 6.52%	(245,295.3) -2.20%	58,462.6 0.58%	-	-	-	-	-	-	-	-	1,905,271.5 4.43%
TOTAL NATURAL GAS DISPOSITION	11,594,959.3	10,237,773.1	11,156,908.4	10,042,340.5	-	-	-	-	-	-	-	-	43,031,981.3

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