



Market Share Offer Control 2014

July 7, 2014

The Market Surveillance Administrator is an independent enforcement agency that protects and promotes the fair, efficient and openly competitive operation of Alberta's wholesale electricity markets and its retail electricity and natural gas markets. The MSA also works to ensure that market participants comply with the Alberta Reliability Standards and the Independent System Operator's rules.

1. Assessment of Offer Control

Section 5 of the Fair, Efficient and Open Competition Regulation (the FEOC Regulation) requires that the Alberta Market Surveillance Administrator (MSA) publish certain metrics that reflect the percentage of offer control held by market participants, at least annually. Details of the process to collect and publish information on offer control are set out in an MSA document entitled Market Share Offer Control Process.¹

In accordance with the process the MSA utilized offer control information from the Alberta Electric System Operator (AESO). February 23, 2014 hour ending 17 was selected as the date and time for assessment. On March 27, 2014 the MSA requested confirmation of offer control from participants where offer control was indicated to be greater than five percent, or where the existence of joint ventures required further clarification on offer control. A participant's total offer control is measured as the ratio of megawatts under its control to the total megawatts of generation in Alberta, as per Section 5(2) of FEOC Regulation.

Table 1: 2014 Market Share Offer Control

2014-02-23 HE 17		
Company	Control (MW)	%
TransCanada	2,545.0	17.9%
TransAlta	1,806.5	12.7%
ATCO	1,675.0	11.8%
ENMAX	1,598.0	11.2%
Capital Power	1,462.5	10.3%
Balancing Pool	762.0	5.4%
Other	2,989.0	21.0%
Controlled Total	12,838.0	90.2%
Non dispatchable	1,398.1	9.8%
Grand Total	14,236	100.0%

Further details on offer control are provided in the appendix, including: a list of associates of the largest market participants, and the individual assets under a market participant's control, and a breakdown of offer control by unit is provided. The definition of 'market participant' in Section 5 of the FEOC Regulation is broader than that in the Electric Utilities Act and some entities have a large number of associates. For this reason the list of associates for a market participant should not be considered as complete, rather it is the affiliates identified with offer control in the hour of assessment. The MSA also notes that in some cases associates do not individually hold 'ultimate offer control' over any assets.

¹ Market Surveillance Administrator, [Annual Market Share Offer Control Process](#), April 30, 2013

Table 2: Market Share Offer Control 2013/2014 (All Companies)

Company	2013-03-27		2014-02-23	
	Control (MW)	%	Control (MW)	%
TransCanada	2,533	18.1%	2,545	17.9%
TransAlta	1,800	12.8%	1,806.5	12.7%
ATCO	1,376	9.8%	1,675	11.8%
ENMAX	1,872	13.4%	1,598	11.2%
Capital Power	1,456	10.4%	1,462.5	10.3%
Balancing Pool	762	5.4%	762	5.4%
Other	2,796	20.0%	2,989	21.0%
Suncor Energy Inc.	525	3.7%	525	3.7%
Nexen Inc.	340	2.4%	340	2.4%
Dow Chemical Canada ULC	326	2.3%	326	2.3%
City of Medicine Hat	210	1.5%	210	1.5%
MEG Energy Corp.	92	0.7%	202	1.4%
Imperial Oil Limited	180	1.3%	180	1.3%
Maxim Power Corp. / Milner Power	149	1.1%	149	1.0%
EnCana Corporation	120	0.9%	120	0.8%
Syncrude Canada Ltd.	100	0.7%	100	0.7%
Air Liquide Canada Inc.	96	0.7%	96	0.7%
Cenovus FCCL Ltd.	94	0.7%	94	0.7%
Constellation Energy / Exelon Generation	93	0.7%	93	0.7%
Powerex Corp.	73	0.5%	73	0.5%
Alberta Pacific Forest Industries	67	0.5%	67	0.5%
Canadian Natural Resources Ltd.	65	0.5%	65	0.5%
AltaGas Ltd.	65	0.5%	65	0.5%
Alberta Newsprint Company	0	0.0%	63	0.4%
Daishowa-Marubeni Int. Ltd.	52	0.4%	52	0.4%
Weyerhaeuser Company Ltd.	48	0.3%	48	0.3%
Canadian Forest Products Ltd.	27	0.2%	27	0.2%
NRGreen Power	0	0.0%	19	0.1%
Algonquin Power Operating Trust	15	0.1%	15	0.1%
Talisman Energy Canada	13	0.1%	13	0.1%
University of Calgary	11	0.1%	12	0.1%
Northstone Power Corp.	12	0.1%	12	0.1%
Irrigation Canal Power Co-op Ltd.	7	0.0%	7	0.0%
BowArk Energy Ltd.	6	0.0%	6	0.0%
Keyera Partnership	5	0.0%	5	0.0%
University of Alberta	5	0.0%	5	0.0%
Controlled Total	12,595	89.9%	12,838	90.2%
Non dispatchable	1,413	10.1%	1,398	9.8%
Grand Total	14,008	100.0%	14,236	100.0%

2. Changes from 2013

2.1 Denominator

Alberta's total capacity (used as the denominator) increased by 228 MW (+1.6%) since the assessment on March 27, 2013. The increase is largely due to increases in capacity at existing facilities, particularly gas and cogeneration facilities, as well as two new units that were in the process of commissioning on the February 23, 2014 reference period.

Units are included in offer control (and the denominator) as long as they are registered as active assets during the reference time. Units registered as active would still be required to make offers (even though they may not be available) and their lack of availability would be included in outage data published by the AESO.

The maximum capability of an asset used to calculate the denominator may not correspond to the "name plate" maximum capabilities as they would be typically viewed on the AESO's "Current Supply/Demand" report. Instead, the denominator uses maximum capability as it is registered with the AESO for the purpose of submitting price-quantity pairs.

Table 3: Denominator 2014-02-23 HE 17

Unit	2013 (MW)	2014 (MW)	Diff
ANC1 AB Newsprint (gas)	0.0	63.0	63.0
NRG3 NRGreen Cogen (gas cogen)	0.0	19.0	19.0
Added Units (>= 5 MW)	0.0	82.0	82.0
AKE1 McBride Lake Windfarm	90.0	73.0	-17.0
CAL1 CALP Gen #1	300.0	320.0	20.0
GWW1 GW Wind #1	75.1	71.0	-4.1
KH3 Keephills #3	450.0	463.0	13.0
MEG1 Christina Lake	92.0	202.0	110.0
MKRC MacKay River Cogeneration Plant	185.0	197.0	12.0
PR1 Primrose #1	95.0	100.0	5.0
UOC1 U of C Generator	11.0	12.0	1.0
MC Changes (units >= 5 MW)	1,298.1	1,438	139.9
Units < 5 MW	106.8	112.6	5.8
Unchanged Units >= 5 MW	12,603.5	12,603.5	0
TOTAL (MW)	14,008	14,236	228

2.2 Battle River #3 and #4 PPA Expiration

The most notable change in offer control results from the expiration of the Battle River Power Purchase Arrangement (PPA) with respect to units Battle River #3 (BR3) and Battle River #4 (BR4) at the end of 2013. The 294 MW of capacity at these units was previously controlled by ENMAX PPA Management Inc., and has since reverted to ATCO Power Canada Ltd.

This has resulted in a re-ordering of the largest five market participants. ENMAX, previously the second largest holder of offer control, now holds less than ATCO and TransAlta. TransCanada retains the largest share of offer control. ATCO, previously holding less offer control than the other four largest market participants, surpassed Capital Power and ENMAX to hold the third largest share of offer control.

Appendix

The tables which follow details the units for each company with offer control greater than 5 percent, as well as the affiliates of the market participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation) insofar as they were making offers to the energy merit order. Offers for import energy are not applicable to offer control contemplated by the FEOC regulation, and affiliates offering imports may not be included.

ATCO

ATCO Electric Ltd.
ATCO Power Canada Ltd.

ATCO	
Asset	Offer Control (MW)
APS1 Scotford Cogen	195
BR3 Battle River #3	149
BR4 Battle River #4	155
BR5 Battle River #5	17
JOF1 Joffre #1	474
MKR1 Muskeg River	202
OMRH CUPC Oldman River	32
PH1 Poplar Hill #1	48
PR1 Primrose #1	100
RB1 Rainbow #1	30
RB2 Rainbow #2	40
RB3 Rainbow #3	20
RB5 Rainbow #5	50
RL1 Rainbow Lake #1	47
ST1 Sturgeon #1	8
ST2 Sturgeon #2	8
VVW1 Valley View 1	50
VVW2 Valley View 2	50
Grand Total	1675

Balancing Pool

Balancing Pool

Balancing Pool	
Asset	Offer Control (MW)
GN1 Genesee #1	381
GN2 Genesee #2	381
Grand Total	762

Capital Power

Capital Power GP Holdings Inc.

Capital Power	
Asset	Offer Control (MW)
ENC1 Cloverbar #1	48
ENC2 Cloverbar #2	101
ENC3 Cloverbar #3	101
GN1 Genesee #1	19
GN2 Genesee #2	19
GN3 Genesee #3	233
KH3 Keephills #3	231.5
SD5 Sundance #5	353
SD6 Sundance #6	357
Grand Total	1462.5

ENMAX

Calgary Energy Centre No. 2 Inc.
 ENMAX Energy Corporation
 ENMAX Green Power Inc.
 ENMAX PPA Management Inc.

ENMAX

Asset	Offer Control (MW)
BR5 Battle River #5	368
CAL1 CALP Gen #1	320
CRS1 Summit- Crossfield	48
CRS2 Summit- Crossfield	48
CRS3 Summit- Crossfield	48
KH1 Keephills #1	383
KH2 Keephills #2	383
Grand Total	1598

TransAlta

Canadian Hydro Developers, Inc.
 TransAlta Energy Marketing Corp.

TransAlta

Asset	Offer Control (MW)
BIG Bighorn Hydro	120
BOW1 Bow River Hydro	320
BRA Brazeau Hydro	350
GN3 Genesee #3	233
KH1 Keephills #1	12
KH2 Keephills #2	12
KH3 Keephills #3	231.5
SCR1 Poplar Creek	376
SD4 Sundance #4	53
SD5 Sundance #5	53
SD6 Sundance #6	32
TAY1 Taylor Hydro 1	14
Grand Total	1806.5

TransCanada

TransCanada Energy Ltd

TransCanada	
Asset	Offer Control (MW)
BCR2 Bear Creek Cogen Plant	36
BCRK Bear Creek Cogen	58
CCMH Cancarb Medicine Hat	42
MKRC MacKay River Cogeneration Plant	197
SD1 Sundance #1	288
SD2 Sundance #2	288
SD3 Sundance #3	362
SD4 Sundance #4	353
SH1 Sheerness #1	390
SH2 Sheerness #2	390
TC01 Carseland Cogen	95
TC02 Redwater Cogen	46
Grand Total	2545

The following table provides a breakdown of offer control by unit. The total for each unit is its maximum capability.

Unit - Control	MW
AFG1 APF Athabasca	67
Alberta Pacific Forest Industries	67
ALP1 ALP	7
AltaGas Ltd.	7
ALP2 ALP	7
AltaGas Ltd.	7
ALS1 Air Liquide Scotford #1	96
Air Liquide Canada Inc.	96
ANC1 AB Newsprint	63
Alberta Newsprint Company	63
APS1 Scotford Cogen	195
ATCO Power Canada Ltd.	195
BCR2 Bear Creek Cogen Plant	36
TransCanada Energy Ltd	36
BCRK Bear Creek Cogen	58
TransCanada Energy Ltd	58
BIG Bighorn Hydro	120
TransAlta Energy Marketing Corp.	120
BOW1 Bow River Hydro	320
TransAlta Energy Marketing Corp.	320
BR3 Battle River #3	149
ATCO Power Canada Ltd.	149
BR4 Battle River #4	155
ATCO Power Canada Ltd.	155
BR5 Battle River #5	385
ATCO Electric Ltd.	17
ENMAX PPA Management Inc.	368
BRA Brazeau Hydro	350
TransAlta Energy Marketing Corp.	350
CAL1 CALP Gen #1	320
Calgary Energy Centre No. 2 Inc.	320
CCMH Cancarb Medicine Hat	42
TransCanada Energy Ltd	42
CMH1 Medicine Hat #1	210
City of Medicine Hat	210
CNR5 CNRL Horizon	65

Unit - Control	MW
Canadian Natural Resources Ltd.	65
CRS1 Summit- Crossfield	48
ENMAX Green Power Inc.	48
CRS2 Summit- Crossfield	48
ENMAX Green Power Inc.	48
CRS3 Summit- Crossfield	48
ENMAX Green Power Inc.	48
DAI1 52MW Turbo Generator	52
Daishowa-Marubeni Int. Ltd.	52
DKSN Dickson Dam	15
Algonquin Power Operating Trust	15
DRW1 Drywood	6
BowArk Energy Ltd.	6
EC01 EnCana #1	120
EnCana Corporation	120
EC04 EnCana Foster Creek	94
Cenovus FCCL Ltd.	94
ENC1 Cloverbar #1	48
Capital Power GP Holdings Inc.	48
ENC2 Cloverbar #2	101
Capital Power GP Holdings Inc.	101
ENC3 Cloverbar #3	101
Capital Power GP Holdings Inc.	101
FNG1 Fort Nelson	73
Powerex Corp.	73
GN1 Genesee #1	400
Balancing Pool	381
Capital Power GP Holdings Inc.	19
GN2 Genesee #2	400
Balancing Pool	381
Capital Power GP Holdings Inc.	19
GN3 Genesee #3	466
Capital Power GP Holdings Inc.	233
TransAlta Energy Marketing Corp.	233
GOC1 Gold Creek Facility	5
Maxim Power Corp.	5
GPEC Grande Prairie	27
Canadian Forest Products Ltd.	27
HMT1 ALP	30
AltaGas Ltd.	30

Unit - Control	MW
HRM H.R. Milner	144
Milner Power Limited Partnership by its General Partner Milner Power Inc.	144
ICP1 Drops 4, 5, 6	7
Irrigation Canal Power Co-op Ltd.	7
IOR1 Mahkeses Central Plant	180
Imperial Oil Limited	180
JOF1 Joffre #1	474
ATCO Power Canada Ltd.	474
KH1 Keephills #1	395
ENMAX Energy Corporation	383
TransAlta Energy Marketing Corp.	12
KH2 Keephills #2	395
ENMAX Energy Corporation	383
TransAlta Energy Marketing Corp.	12
KH3 Keephills #3	463
Capital Power GP Holdings Inc.	231.5
TransAlta Energy Marketing Corp.	231.5
ME02 AltaGas Taber	8
AltaGas Ltd.	8
ME03 AltaGas Burdett	7
AltaGas Ltd.	7
ME04 AltaGas Coaldale	6
AltaGas Ltd.	6
MEG1 Christina Lake	202
MEG Energy Corp.	202
MKR1 Muskeg River	202
ATCO Power Canada Ltd.	202
MKRC MacKay River Cogeneration Plant	197
TransCanada Energy Ltd	197
NPC1 Northstone Elmworth	12
Northstone Power Corp.	12
NPP1 Constellation	93
Constellation Energy Commodities Group, Inc.	93
NRG3 NRGreen Cogen	19
NRGreen Power	19
NX01 Nexen Inc #1	120
Nexen Inc.	120
NX02 Nexen Inc. #2	220
Nexen Inc.	220
OMRH CUPC Oldman River	32
ATCO Power Canada Ltd.	32

Unit - Control	MW
PH1 Poplar Hill #1	48
ATCO Power Canada Ltd.	48
PR1 Primrose #1	100
ATCO Power Canada Ltd.	100
PW01 Minnehik-Buck Lake	5
Keyera Partnership	5
RB1 Rainbow #1	30
ATCO Power Canada Ltd.	30
RB2 Rainbow #2	40
ATCO Power Canada Ltd.	40
RB3 Rainbow #3	20
ATCO Power Canada Ltd.	20
RB5 Rainbow #5	50
ATCO Power Canada Ltd.	50
RL1 Rainbow Lake #1	47
ATCO Power Canada Ltd.	47
SCL1 Syncrude #1	100
Syncrude Canada Ltd.	100
SCR1 Poplar Creek	901
Suncor Energy Inc.	525
TransAlta Energy Marketing Corp.	376
SD1 Sundance #1	288
TransCanada Energy Ltd	288
SD2 Sundance #2	288
TransCanada Energy Ltd	288
SD3 Sundance #3	362
TransCanada Energy Ltd	362
SD4 Sundance #4	406
TransAlta Energy Marketing Corp.	53
TransCanada Energy Ltd	353
SD5 Sundance #5	406
Capital Power GP Holdings Inc.	353
TransAlta Energy Marketing Corp.	53
SD6 Sundance #6	389
Capital Power GP Holdings Inc.	357
TransAlta Energy Marketing Corp.	32
SH1 Sheerness #1	390
TransCanada Energy Ltd	390
SH2 Sheerness #2	390
TransCanada Energy Ltd	390
ST1 Sturgeon #1	8
ATCO Power Canada Ltd.	8

Unit - Control	MW
ST2 Sturgeon #2	8
ATCO Power Canada Ltd.	8
TAY1 Taylor Hydro 1	14
Canadian Hydro Developers, Inc.	14
TC01 Carseland Cogen	95
TransCanada Energy Ltd	95
TC02 Redwater Cogen	46
TransCanada Energy Ltd	46
TLM2 Talisman Edson	13
Talisman Energy Canada	13
Total Gen. & SR	326
Dow Chemical Canada ULC	326
UOA1 UofA Generator	5
University of Alberta	5
UOC1 U of C Generator	12
University of Calgary	12
VVW1 Valley View 1	50
ATCO Power Canada Ltd.	50
VVW2 Valley View 2	50
ATCO Power Canada Ltd.	50
WEY1 Steam Turbine 48MW	48
Weyerhaeuser Company Ltd.	48
Grand Total	12838



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