



Market Share Offer Control 2013

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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.

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1. Assessment of Market Share Offer Control

1.1 Introduction

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. On April 30 2013 the MSA published an amended Market Share Offer Control Process¹ following stakeholder consultation, which included information on how the MSA would collect data and what information would be published.

In accordance with the process the MSA utilized offer control information from the Alberta Electric System Operator (AESO). March 27, 2013 hour ending 17 was selected as date and time for assessment. Where required, the MSA filed information requests to clarify offer control over joint venture units. 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.

The 2013 summary is presented Table 1 below. Table 2 on the following page includes the complete list of companies and a comparison to 2012.

Table 1 - 2013 Market Share Offer Control

Company	2013-03-27 HE 17	
	Control (MW)	%
TransCanada	2,533	18.1%
Enmax	1,872	13.4%
TransAlta	1,800	12.8%
Capital Power	1,456	10.4%
ATCO	1,376	9.8%
Balancing Pool	762	5.4%
Other	2,796	20.0%
Controlled Total	12,595	89.9%
Non dispatchable	1,413	10.1%
Grand Total	14,008	100.0%

Further details are provided in Appendix A: a list of selected associates of a market participant and the individual assets under a market participant's control. 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 [Annual Market Share Offer Control Process, April 30, 2013](#)

Table 2 – 2013 Market Share Offer Control (Complete Table)

Company	2012-03-27		2013-03-27	
	Control (MW)	%	Control (MW)	%
TransCanada	2,496	18.4%	2,533	18.1%
Enmax	1,831	13.5%	1,872	13.4%
TransAlta	2,276	16.8%	1,800	12.8%
Capital Power	1,417	10.5%	1,456	10.4%
ATCO	1,391	10.3%	1,376	9.8%
Balancing Pool	734	5.4%	762	5.4%
Other	2,175	16.1%	2,796	20.0%
Suncor Energy Inc.			525	3.7%
Nexen Inc.			340	2.4%
Dow Chemical Canada ULC			326	2.3%
City of Medicine Hat			210	1.5%
Imperial Oil Limited			180	1.3%
Maxim Power Corp. / Milner Power Ltd Partnership			149	1.1%
EnCana Corporation			120	0.9%
Syncrude Canada Ltd.			100	0.7%
Air Liquide Canada Inc.			96	0.7%
Cenovus FCCL Ltd.			94	0.7%
Constellation Energy Commodities Group, Inc.			93	0.7%
MEG Energy Corp.			92	0.7%
Powerex Corp.			73	0.5%
Alberta Pacific Forest Industries			67	0.5%
AltaGas Ltd.			65	0.5%
Canadian Natural Resources Ltd.			65	0.5%
Daishowa-Marubeni Int. Ltd.			52	0.4%
Weyerhaeuser Company Ltd.			48	0.3%
Canadian Forest Products Ltd.			27	0.2%
Algonquin Power Operating Trust			15	0.1%
Talisman Energy Canada			13	0.1%
Northstone Power Corp.			12	0.1%
University of Calgary			11	0.1%
Irrigation Canal Power Co-op Ltd.			7	0.0%
BowArk Energy Ltd.			6	0.0%
Keyera Partnership			5	0.0%
University of Alberta			5	0.0%
Controlled Total	12,320	91.1%	12,595	89.9%
Non dispatchable	1,209	8.9%	1,413	10.1%
Grand Total	13,529	100.0%	14,008	100.0%

1.2 Changes from 2012

1.2.1 Impacts of the new process

As this is the first year utilizing the new process, there are changes to offer control that do not reflect actual changes in market concentration, but rather change in guidance from the MSA regarding how to attribute offer control to joint ventures.

The 2009 Process² provided examples with respect to offer control of joint ventures, minimum stable generation, and must run generation. The amended process is absent of these examples and instead relies on the data submitted to the AESO in accordance with [ISO rule 201.3](#) and information requests where necessary.

The most notable instance of this is in TransAlta's market share. Prior guidance via Example 3 of the 2009 Process attributed all of the SCR1 unit's offer control to TransAlta. Under the new process, 525 MW of offer control has been attributed to Suncor Energy Inc. (as they determine "must run" capacity), which reduces TransAlta's market share.

1.2.2 Wind pilot

No offer control is assigned to assets that do not make offers to the power pool, although such assets are included in the denominator when calculating market shares. Wind assets currently make up the majority of assets not required to offer to the power pool. In the calculation of last year's market share offer control³, 136 MW of wind was included attributed to TransAlta's offer control, as the assets were participating in the AESO's dispatchable wind pilot. The wind pilot was concluded on November 8th, 2012, and the capacity of these wind units has been removed from TransAlta's offer control.

² [Annual Market Share Offer Control Process, September 24, 2009](#)

³ [Market Share Offer Control 2012, June 11 2012](#)

1.2.3 Denominator

Alberta's total capacity (used as the denominator) increased by 480 MW (+3.5%) since the assessment on March 27th, 2012. The increase is comprised mostly of new wind and gas generation, as well as updates on number of plants, most notably SCR1 Poplar Creek.

Table 3 - Comparison of 2012 and 2013 Denominators (Total Capacity)

	2012-03-27 (MW)	2013-03-27 (MW)	<i>Difference</i>
CRR1 (wind)	NA	77	77
HAL1 (wind)	NA	150	150
UOC1 (gas)	NA	11	11
WEY1 (gas)	NA	48	48
Added Units (>= 5 MW)	NA	286	286
ALP1 ALP	6	7	1
ARD1 Ardenville	66	68	2
CCMH Cancarb Medicine Hat	36	42	6
CR1 ARM2262	40	39	(1)
DKSN Dickson Dam	17	15	(1)
GN1 Genesee #1	390	400	10
HMT1 ALP	15	30	15
IEW1 Summerview Phase 1	75	66	(9)
KH1 Keephills #1	387	395	8
KH2 Keephills #2	406	395	(11)
SCR1 Poplar Creek	722	901	179
SCR3 Suncor Chin Chute	33	30	(3)
SD6 Sundance #6	401	389	(12)
MC Changes (units >= 5 MW)	2594	2777	184
Units <5 MW	97	107	10
Unchanged Units >= 5 MW	10838	10838	0
TOTAL (MW)	13529	14008	480

References

Alberta Market Surveillance Administrator (MSA)

Annual Market Share Offer Control Process, April 30th 2013

http://albertamsa.ca/uploads/pdf/Archive/0-2013/MSOC_Process_130430.pdf

Market Share Offer Control Process, September 24, 2009

http://albertamsa.ca/uploads/pdf/About%20Us/Market_Shares_Process_092409.pdf

Market Share Offer Control 2012, June 11, 2012

<http://albertamsa.ca/uploads/pdf/Archive/2012/Market%20Share%20Offer%20Control%202012.pdf>

Alberta Electric Systems Operator (AESO)

Current ISO RULES, April 30, 2013

http://www.aeso.ca/downloads/Consolidated_ISO_Rules_%28April_30_2013%29.pdf

Appendix A – Detailed Offer Control

Table 4 - ATCO

Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)	
ATCO	ATCO Electric Ltd. ATCO Power Canada Ltd.
Asset ID	MW
Assets with sole offer control	
APS1	195
JOF1	474
MKR1	202
OMRH	32
PH1	48
PR1	95
RB1	30
RB2	40
RB3	20
RB5	50
RL1	47
ST1	8
ST2	8
VVW1	50
VVW2	50
Assets with multiple offer control	
BR3	2
BR4	8
BR5	17
TOTAL	1376

Table 5 - Balancing Pool

		Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)
Balancing Pool	Balancing Pool	
Asset ID	MW	
Assets with multiple offer control		
GN1		381
GN2		381
TOTAL		762

Table 6 - Capital Power

		Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)
Capital Power	Capital Power GP Holdings Inc.	
Asset ID	MW	
Assets with sole offer control		
ENC1		48
ENC2		101
ENC3		101
Assets with multiple offer control		
GN1		19
GN2		19
GN3		233
KH3		225
SD5		353
SD6		357
TOTAL		1456

Table 7 - ENMAX

Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)	
Enmax	Calgary Energy Centre No. 2 Inc. ENMAX Energy Corporation ENMAX Green Power Inc. ENMAX PPA Management Inc.
Asset ID	MW
Assets with sole offer control	
CAL1	300
CRS1	48
CRS2	48
CRS3	48
Assets with multiple offer control	
BR3	147
BR4	147
BR5	368
KH1	383
KH2	383
TOTAL	1872

Table 8 - TransAlta

Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)	
TransAlta	TransAlta Energy Marketing Corp.
Assets with sole offer control	
BIG	120
BOW1	320
BRA	350
TAY1	14
Assets with multiple offer control	
GN3	233
KH1	12
KH2	12
KH3	225
SCR1	376
SD4	53
SD5	53
SD6	32
TOTAL	1800

Table 9 - TransCanada

Market Participant (as defined in Section 5(1)(a) of the Fair, Efficient, Open Competition Regulation)	
TransCanada	TransCanada Energy Ltd
Asset ID	MW
Assets with sole offer control	
BCR2	36
BCRK	58
CCMH	42
MKRC	185
SD1	288
SD2	288
SD3	362
SH1	390
SH2	390
TC01	95
TC02	46
Assets with multiple offer control	
SD4	353
TOTAL	2533



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