

MARKET
SURVEILLANCE
ADMINISTRATOR

June 2024 Market Share Offer Control Report

June 7, 2024

Taking action to promote effective competition and a culture of compliance and accountability in Alberta's electricity and retail natural gas markets

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1 MARKET SHARE OFFER CONTROL

1.1 Requirement to publish offer control report and associated process

The MSA's assessment of MSOC information is required by subsection 5(3) of the *Fair, Efficient and Open Competition Regulation* (FEOC Regulation). Subsection 5(3) states: (3) The MSA shall at least annually make available to the public an offer control report that (a) shall include the names and the percentage of offer control held by electricity market participants, where the percentage of offer control is greater than 5%, and (b) may include the names and the percentage of offer control held by electricity market participants, where the percentage of offer control is 5% or less. Details of the process to collect and publish information on offer control to meet the requirements of subsection 5(3) are set out in the MSA's Annual Market Share Offer Control Process (MSOC Process).¹

1.2 Assessment of offer control

In accordance with the MSOC Process, the MSA calculated offer control with data obtained from the AESO for March 31, 2024 HE 18. The MSA requested confirmation of offer control from market participants whose total offer control was calculated as greater than five percent, or for joint ventures that required further clarification. As per section 5(2) of the FEOC Regulation, an electricity market participant's total offer control is measured as the ratio of generation capacity under its offer control to the sum of maximum capability of generating units in Alberta.

Generating units are included in the offer control of an electricity market participant (and the denominator) as long as they are registered with the AESO as active assets during the reference hour. Generating units registered as active assets are still required to make offers even if they are not available or are mothballed, and their lack of availability is included in outage data published by the AESO. The total non-dispatchable capacity consists of the total maximum capability of generating units that do not submit offers into the power pool, such as generating units with a maximum capability less than 5 MW.

The maximum capability of assets used to calculate the denominator may not correspond to the name plate maximum capability that is published on the AESO's Current Supply Demand (CSD) Report. Instead, the denominator uses maximum capability as it is registered with the AESO for the purpose of submitting price-quantity offer pairs.

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

Table 1: Market share offer control of electricity market participants with greater than 5% offer control between MSOC 2023 and 2024²

Company	3/31/2023		3/31/2024	
	Control (MW)	%	Control (MW)	%
TransAlta	3,086	17.0%	3,089	14.7%
Capital Power	2,372	13.1%	2,783	13.3%
Heartland Generation	2,286	12.6%	2,286	10.9%
Suncor	1,632	9.0%	1,632	7.8%
ENMAX	1,462	8.0%	1,462	7.0%
Other	7,001	38.5%	9,366	44.7%
Total Dispatchable	17,839	98.2%	20,618	98.4%
Total Non-dispatchable	328	1.8%	335	1.6%
Grand Total	18,167	100%	20,953	100%

Total offer control for participants with greater than five percent MSOC increased from 10,838 MW to 11,252 MW, which represented a market share decrease from 59.7% in 2023 to 53.7% in 2024. Generation retirements, additions, and maximum capability changes are discussed further in section 1.3.

² This table reflects certain changes to electricity market participant offer control after March 31, 2024.

Figure 1: Dispatchable MW by fuel type (MSOC 2023 and 2024)

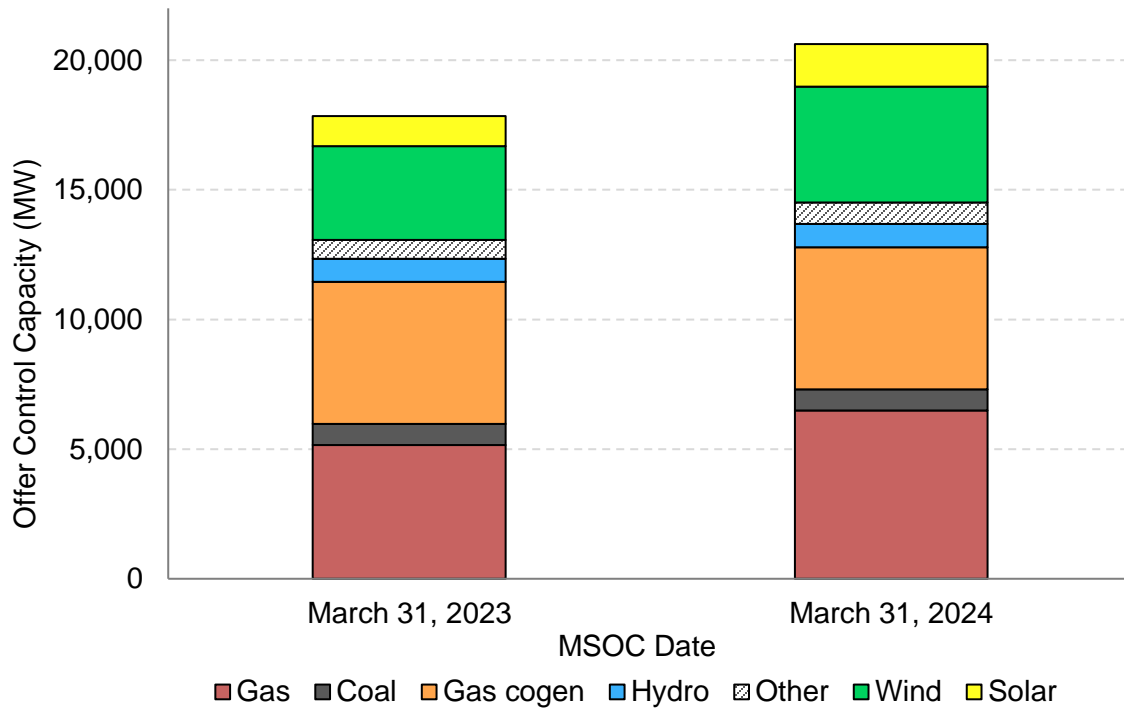
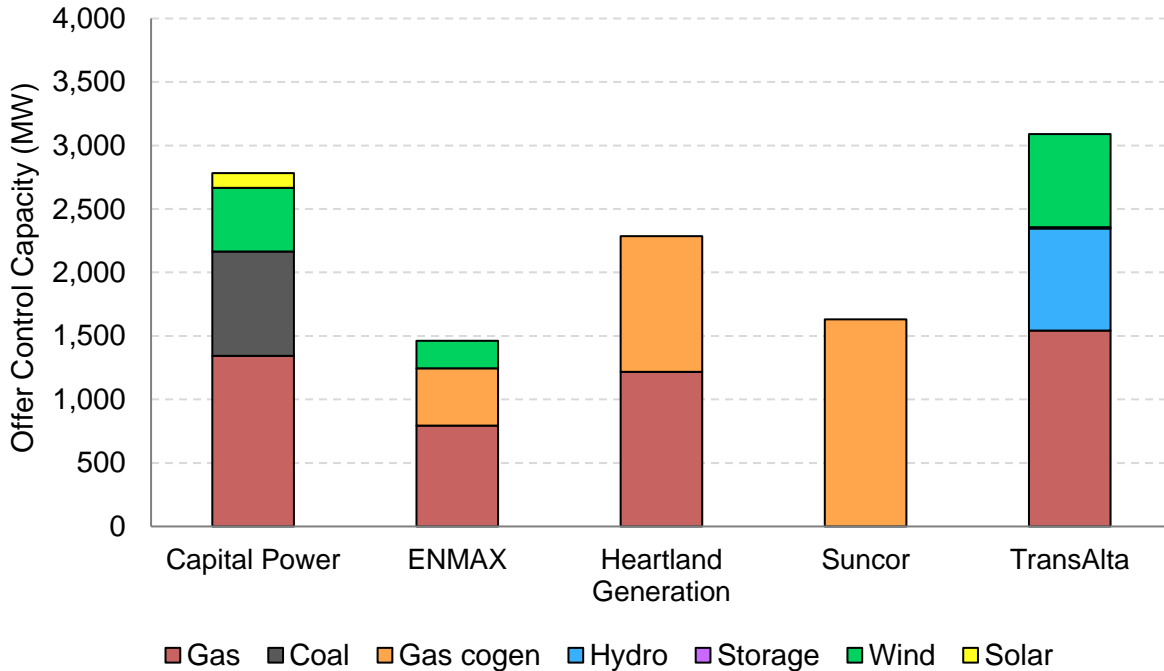


Figure 2: Dispatchable MW by fuel type for market participants with more than 5% offer control



1.3 Generation additions, retirements, and maximum capability changes

Since the last MSOC assessment on March 31, 2023:

- 2,776 MW of dispatchable and 9 MW of non-dispatchable generation was added
- no dispatchable generation retired and 2 MW of non-dispatchable generation retired
- existing assets' maximum capability increased by 3 MW
- overall, Alberta's total capacity increased by 2,786 MW

Generation additions were largely comprised of gas, wind, and solar generation assets. A total of 2,776 MW of dispatchable generation capacity was added, of which 1,330 MW (48%) was gas generation, 855 MW (31%) was wind generation, and 485 MW (17%) was solar generation. For the purposes of MSOC, a dispatchable generator is one that submits offers into the power pool.

The only change in existing generation since the 2023 MSOC assessment was the maximum capability of the KH3 asset increasing by 3 MW. Changes by asset are shown below in Table 2.

Table 2: Capacity changes between MSOC 2023 and 2024

Asset ID	Fuel Type	2023 (MW)	2024 (MW)	Diff	Date of Change
BFL1	Wind	--	18	18	November 22, 2023
BFL2	Wind	--	16	16	November 22, 2023
BFL3	Wind	--	18	18	November 22, 2023
BFL4	Wind	--	10	10	November 22, 2023
CAS1	Gas	--	450	450	August 12, 2023
CAS2	Gas	--	450	450	August 12, 2023
CHP1	Solar	--	14	14	April 19, 2023
DFT1	Solar	--	37	37	July 14, 2023
EMP1	Solar	--	39	39	June 21, 2023
ERV4	Storage	--	20	20	August 23, 2023
ERV6	Storage	--	20	20	August 23, 2023
ERV7	Storage	--	20	20	November 28, 2023
ERV8	Storage	--	20	20	November 28, 2023
ERV9	Storage	--	20	20	December 11, 2023
FCS1	Solar	--	75	75	December 5, 2023
GNR1	Gas	--	411	411	February 21, 2024
HRV2	Gas	--	10	10	June 21, 2023
JFS1	Solar	--	25	25	November 6, 2023
JFS2	Solar	--	22	22	November 6, 2023
JNR1	Wind	--	122	122	July 1, 2023
JNR2	Wind	--	71	71	November 1, 2023
MCH1	Solar	--	14	14	November 15, 2022
PAW1	Wind	--	190	190	November 15, 2023
SDL1	Solar	--	81	81	October 25, 2023
SGC1	Solar	--	30	30	December 8, 2023
SHH1	Wind	--	297	297	October 27, 2023
SLR1	Solar	--	75	75	December 12, 2023
STV1	Solar	--	17	17	May 16, 2023
SWP1	Wind	--	113	113	June 30, 2023
WCR1	Solar	--	50	50	November 20, 2023
WEM1	Gas cogen	--	6	6	December 10, 2023
WLC1	Gas	--	9	9	July 26, 2023
YNG1	Solar	--	6	6	July 19, 2023
Units Added (Units >=5 MW)			2,776	2,776	
KH3	Gas	463	466	3	February 1, 2024
MC Changes (Units >=5 MW)		463	466	3	
Units <5 MW		192	198	7	
Unchanged Units >=5 MW		17,512	17,512	0	
TOTAL (MW)		18,167	20,953	2,786	