

Investor Update – June 2023

Forward-Looking Statements

Certain statements contained in this presentation constitute forward-looking statements or information (collectively "forward-looking statements") in respect of MAXIM Power Corp. ("MAXIM") within the meaning of applicable securities legislation, including, but not limited to, management's assessment of future plans, operations, future expectation and strategies including the construction and development of its natural gas-fired facility ("M2") described herein, including with respect to its capacity, project costs, characteristics and advantages over other power generating sources and development, MAXIM's provided third-party estimates of future Alberta power prices, MAXIM's provided third-party estimates of future natural gas prices and MAXIM's financing requirements for M2 (including anticipated sources, management's forecasts for earnings before interest, tax, depreciation and amortization ("EBITDA") and other future financial projections for M2). Forward-looking statements are typically identified by words such as "anticipate", "continue", "estimate", "expect", "forecast", "may", "will", "project", "could", "plan", "intend", "should", "believe", "outlook", "potential", "target" and similar words suggesting future events or future performance or may be identified by reference to a future date. Accordingly, undue reliance should not be placed on forward-looking statements because MAXIM can give no assurance that such expectations will prove to be correct.

Forward-looking information is based on certain assumptions and analysis made by MAXIM in light of our experience and MAXIM's perception of historical trends, current conditions, expected future developments and other factors MAXIM believes appropriate under the circumstances. These include, among other things, assumptions regarding timing of resuming M2 operations and repairs; the timing of hot commissioning activities; insurance coverage; MAXIM's current assessment of damages to the M2 facility; estimated project costs; MAXIM's current expectations on its inability to generate electricity (and related revenue) from its Milner operations; future business development opportunities associated with MAXIM's business; future capitalization of MAXIM; the status of MAXIM's debt arrangements; future economic and political environments; the timely receipt of any required regulatory approvals; the ability of MAXIM to obtain qualified staff, equipment and services in a timely and cost efficient manner; and that MAXIM will have sufficient cash flow, debt or equity sources or other financial resources required to fund its capital and operating expenditures and requirements as needed. Although MAXIM believes that the expectations reflected in the forward-looking statements contained in this presentation, and the assumptions on which such forward-looking statements are made, are reasonable, there can be no assurance that such expectations will prove to be correct. Readers are cautioned that the foregoing list is not exhaustive of all assumptions which have been considered.

MAXIM's actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur. will occur, or if any of them do so, what benefits that MAXIM will derive therefrom. Risk factors which could cause actual results or events to differ materially from current expectations include MAXIM's inability to repair the damages to the M2 facility in a timely manner, or at all, that MAXIM will not continue to have access to its credit facilities or that it will be in default thereunder, that MAXIM may not be able to resume electricity generating (and associated revenue generating) activities in the timelines described herein, that MAXIM will not have access to the necessary labour, equipment and materials to conduct all necessary repairs and that MAXIM may not be covered by insurance for the subject damages and business interruption. Readers are cautioned that the foregoing lists of factors are not exhaustive. Additional information on these and other factors that could affect MAXIM's business, operations or financial results are included in the reports on file with applicable securities regulatory authorities, including but not limited to MAXIM's Annual Information Form for the year ended December 31, 2022 and MD&A for subsequent periods, which may be accessed on MAXIM's SEDAR profile at www.sedar.com.



Forward-Looking Statements

This document also contains financial outlook within the meaning of applicable securities laws, in particular the information set forth herein in respect of expected indicative consolidated EBITDA for MAXIM when operating M2 and upon commissioning of the CCGT expansion of M2, based on certain sensitivities. The financial outlook has been prepared by MAXIM's management to provide an outlook of MAXIM's potential projected financial results. The financial outlook has been prepared based on a number of assumptions including the assumptions disclosed above, and the assumptions as set forth on slide 16 and 17, as well as assumptions with respect to completion of MAXIM's initiative for the CCGT expansion of M2, the costs and expenditures to be incurred by MAXIM, and operating costs, taxation rates, general and administrative expenses, availability of necessary equipment, infrastructure and capital, receipt of regulatory approvals and electricity and natural gas prices. Management does not have firm commitments for all of the costs, expenditures, prices or other financial assumptions used to prepare the financial or assurance that such operating results will be achieved and, accordingly, the complete financial effects of all of those costs, expenditures, prices and operating results are not objectively determinable. The actual results of operations of MAXIM and the resulting financial results will likely vary from the amounts set forth in the analysis presented in this document and such variation may be material. MAXIM and its management believe that the financial outlook has been prepared on a reasonable basis, reflecting the best estimates and judgments, and represent, to the best of management's knowledge and opinion, MAXIM's expected expenditures and results of operations. However, because this information is highly subjective and subject to numerous risks including the risks discussed above, it should not be relied on as necessarily indicative of future results.

The financial outlook and forward-looking statements contained in this presentation speak only as of the date of this presentation. Except as expressly required by applicable securities laws, MAXIM does not undertake any obligation to publicly update or revise any financial outlook or forward-looking statements, whether as a result of new information, future events or otherwise. The financial outlook and forward-looking statements contained in this presentation are expressly qualified by this cautionary statement.

Certain information contained in this presentation has been prepared by third-party sources, which information has not been independently audited or verified by MAXIM. No representation or warranty, express or implied, is made by MAXIM as to the accuracy or completeness of such information contained in this presentation, and nothing contained in this presentation is, or shall be relied upon as, a promise or representation by MAXIM with respect thereto.

Non-GAAP Measures

Management evaluates MAXIM's performance using a variety of measures, some of which are not recognized measures under generally accepted accounting principles ("GAAP"). The non-GAAP measures discussed in this presentation should not be considered as an alternative to or to be more meaningful than revenue, net income of the Corporation or net cash generated from operating activities, as determined in accordance with GAAP, when assessing MAXIM's financial performance or liquidity. These measures do not have any standardized meaning prescribed by GAAP and may not be comparable to similar measures presented by other companies.

Adjusted EBITDA is provided to assist management and investors in determining the Corporation's approximate operating cash flows attributable to shareholders before finance expense, income taxes, depreciation and amortization, and certain other non-cash income and expenses. Adjusted EBITDA is calculated as net income plus income tax expenses (benefits), finance expenses, net, loss on write-off of asset, asset impairment charge, depreciation and amortization, with adjustments for other expense (income), business interruption insurance claim, unrealized loss (gain) on commodity swaps and share-based compensation. Financing expense, income taxes, depreciation and amortization are excluded from the Adjusted EBITDA calculation, as they do not represent cash expenditures that are directly affected by operations. Management believes that presentation of this non-GAAP measure provides useful information to investors and shareholders as it assists in the evaluation of performance trends. Management uses Adjusted EBITDA to compare financial results among reporting periods and to evaluate MAXIM's operating performance and ability to generate funds from operating activities. In calculating Adjusted EBITDA, management included business interruption insurance claim proceeds as it reflects a portion of earnings that would have been earned if M2 was operational and excluded certain non-cash and non-recurring transactions. In both 2022 and 2021, Adjusted EBITDA excluded all items of other income and expense including: Line Loss Proceeds as well as unrealized gains on commodity swaps and share-based compensation.

Adjusted EBITDA for the quarters ended from June 2021 through to March 2023 is reconciled to net income, the most directly comparable GAAP measure, in MAXIM's quarterly and annual management's discussion and analysis (MD&A) for the periods from June 2022 to March 2023. All reconciliations noted above are in the Non-GAAP and Other Financial Measures section of the applicable quarterly MD&A and/or annual MD&A, each of which are available on the company's SEDAR profile available at www.sedar.com and each such reconciliation are incorporated by reference herein. Please see MAXIM's disclosure on Non-GAAP Measures in its MD&As for specific details on certain non-cash and non-recurring transactions that may have occurred during the applicable periods.

Within this document, references are made to Indicative Annualized EBITDA, which is not a recognized measure under GAAP, and therefore may not be comparable to performance measures presented by others. Indicative Annualized EBITDA is provided to readers in determining MAXIM's approximate annual operating cash flows before interest, income taxes, depreciation and amortization and certain other income and expenses (both with the existing M2 and after commissioning the CCGT expansion of M2). Indicative Annualized EBITDA does not have any standardized meaning prescribed by GAAP and may not be comparable to similar measures presented by other companies. Furthermore, Indicative Annualized EBITDA, as used herein, is based on management prepared forecast and assumptions, on the basis described herein with respect to financial outlook above. Management believes that in addition to net income (loss) and cash flow from operating activities, Indicative Annualized EBITDA is a useful supplemental measure as it assist in the determination of MAXIM's potential future operating performance. Readers are cautioned, however, that this measure should not be construed as an alternative to net income (loss) or cash flow from (used in) operating activities as determined in accordance with GAAP as an indication of performance or value.



Corporate Overview

Independent Power Producer

- Alberta based producer of electricity

Strategy

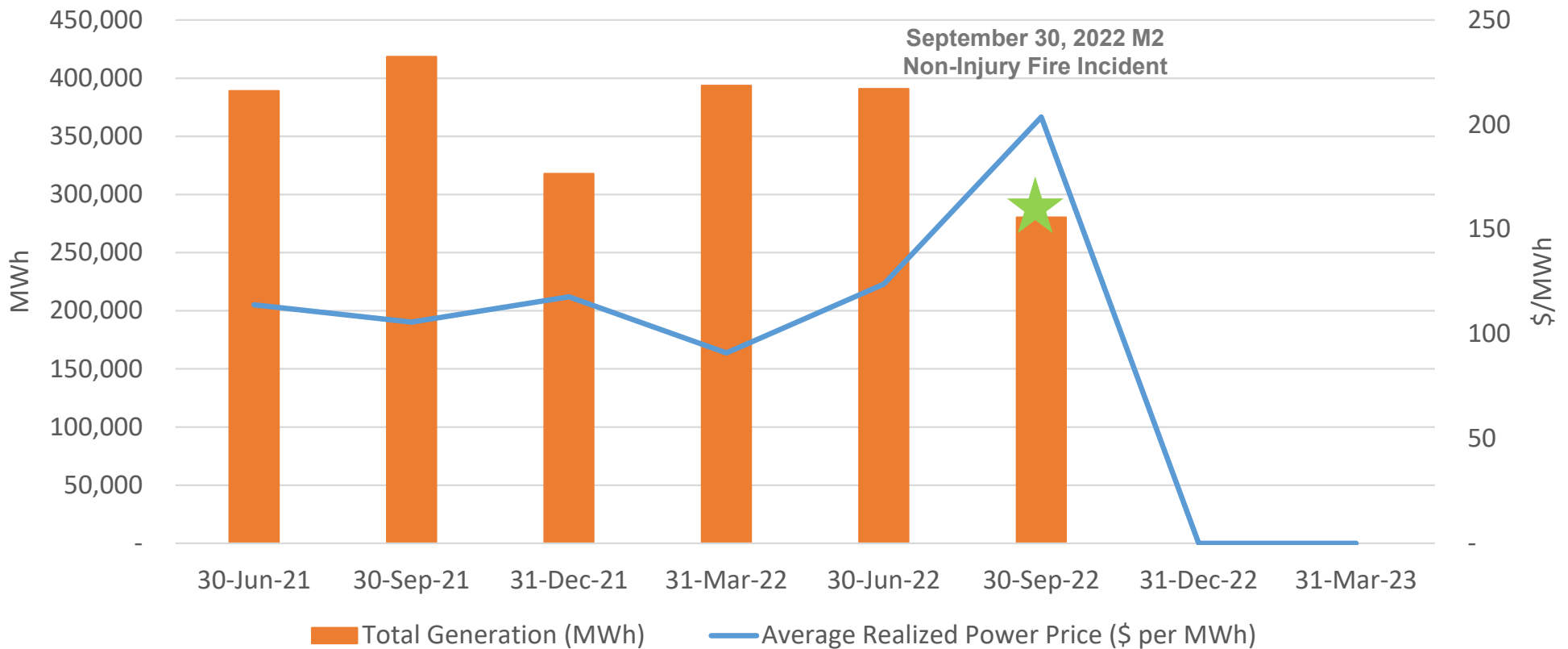
- Pursue greenfield and brownfield generation opportunities in Alberta
- Acquire or develop assets
- Optimize and enhance existing assets
- Focus on clean natural gas assets with a compliment of renewables/wind

Shareholder/Management Alignment

- Insider shareholdings are 72.9% of outstanding shares



Operating Highlights

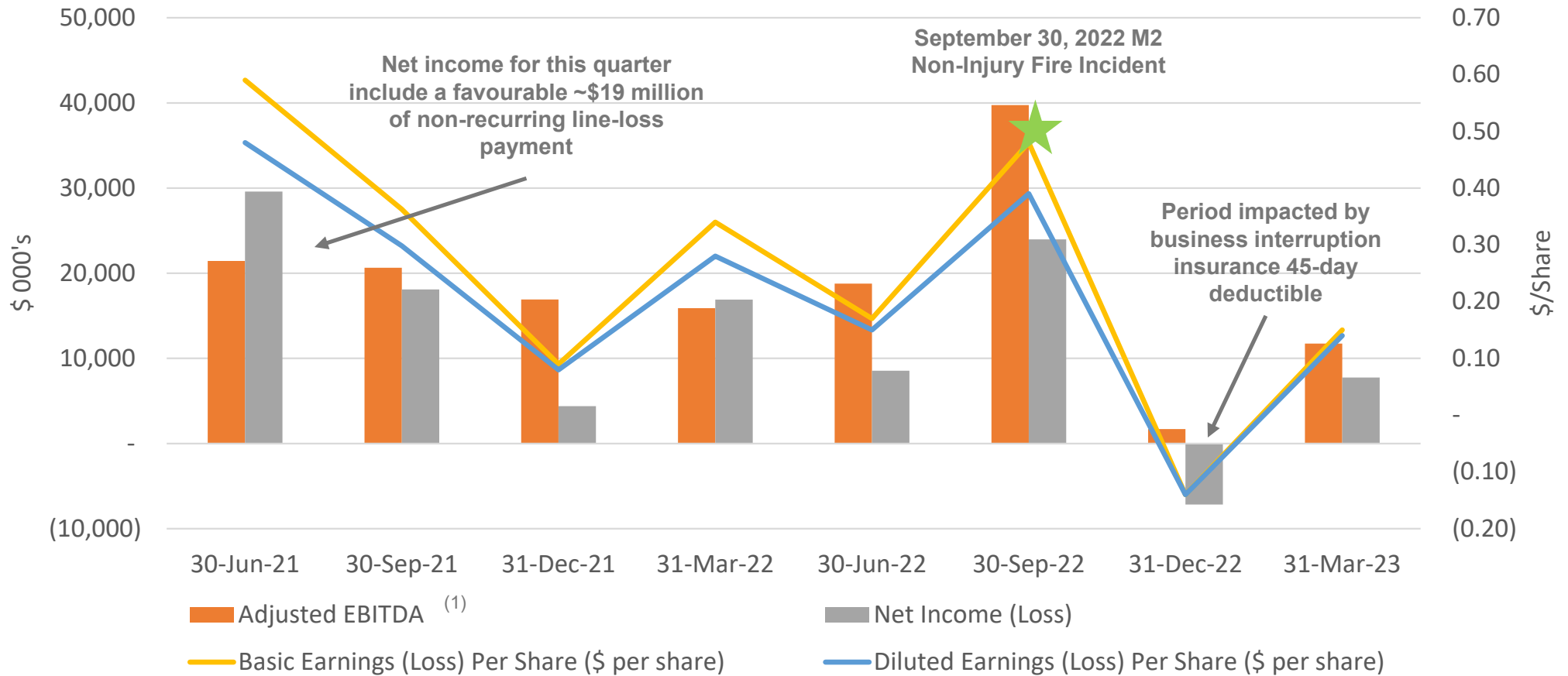


Consistent operating profile until the 204MW M2 facility shut down early September 2022 for the Combined Cycle Gas Turbine (“CCGT”) tie-in work to increase M2 from 204MW to 300MW.

M2 has been offline since the non-injury fire incident on September 30, 2022 and is forecast to commence CCGT commissioning during Q3 2023 with a COD in Q4 2023.



Financial Highlights



(1) Adjusted EBITDA is a Non-GAAP measure. See Non-GAAP Measures.

Consistent Adjusted EBITDA prior to the non-injury fire event on September 30, 2022. Adjusted EBITDA and Net Income include income from business interruption insurance claims in December 31, 2022 and March 31, 2023.



Market Profile

May 26, 2023

TSX Listing	MXG
52 Week Price Range	\$2.12 - \$5.20
Current Share Price	\$3.54
Shares Outstanding (Basic) ⁽¹⁾	50.3 million
Shares Outstanding (Diluted) ⁽²⁾	65.9 million
Market Capitalization	\$178.0 million
Basic Insider Shareholdings	72.9%

(1) Issued common shares at March 31, 2023

(2) Issued common shares, including all outstanding share options and shares issuable on the conversion of the convertible loan facility at March 31, 2023

MXG Closing Price





Leadership Team

M. Bruce Chernoff **Chair & CEO**

Over 30 years of senior corporate experience in oil & gas, finance and power sectors.

W. Brett Wilson **Vice Chair**

Over 30 years of senior corporate experience in oil & gas, investment banking and power sectors.

Bob Emmott **President and COO**

Over 30 years experience in the power sector. Has been a key part of the design, build, and commissioning of several large coal and gas-fired power plants.

Kyle Mitton **CFO & VP Corporate Development**

Over 15 years experience in the power sector. Senior positions include finance, business development and energy marketing.

Rob Watson **VP Operations**

Over 25 years of experience in the power sector. Background in operations, market analysis, energy marketing and portfolio management.

Kevin Dyck **VP Finance & Controller**

Over 10 years experience in the power sector and over 15 years experience in accounting, financial reporting and operations.

Kim Karran **Corporate Secretary & Senior HR Adviser**

Over 25 years experience in the power sector. Held leadership roles in business development, corporate strategy and human resources.



History of MAXIM

- Track record of acquiring and developing generation projects during early stages of deregulated power markets and redeploying capital as markets matured
 - ❑ Over the past 15+ years MAXIM built up and successfully sold investments in the United States, France and Canada
 - ❑ Currently focused on opportunities in Alberta, Canada where the power market is transitioning from predominantly coal-fired generation to natural gas and various renewables
- Targeting to:
 - ❑ Simplify business, employing modern and competitive technology
 - ❑ Expand natural gas generation with focus on renewable/wind compliment
 - ❑ Focus on economies of scale on an individual asset and portfolio basis

	2005	2010	2015	2020 M2-SCGT	Q4 2023 forecast M2-CCGT
Geographies	4	3	3	1	1
Facilities	25	44	39	1	1
Generating Capacity (MW)					
• Total	334	809	778	204	~300
• Average Per Facility	7.4	18.4	19.9	204	~300



MAXIM's Alberta Assets

Operating Asset – M2 SCGT

- 204 MW natural gas-fired generation facility
- Located on the HR Milner site, Grande Cache, AB
- Operation in simple cycle (SCGT) mode at base load heat rate of ~10.5 heat rate GJ/MWh
- Commissioned in late Q2 2020
- MAXIM actively enters into short-term natural gas and power hedging positions for M2

Construction – CCGT Expansion of M2

- MAXIM is expanding M2 using heat recovery technology that enables operation in combined cycle mode
 - Increase capacity to ~300 MW
 - Lower operating costs for entire facility through lower heat rate of ~8.1 GJ/MWh
 - Reduces intensity of carbon emissions by more than 60% compared to the legacy coal-fired HR Milner facility
- Currently mid-construction with a target hot-commissioning in Q3 2023 and COD in Q4 2023

Additional Development Options in Alberta (Front/Middle Burner)

Milner Site

- Permitted to develop an additional 346 MW of natural-gas fired generation

Buffalo Atlee

- Potential to develop 200 MW of wind powered generation
- Extensive historical and on-going wind monitoring data set
- Provides hedge against rising carbon prices



Operating Asset – M2 SCGT

Project Info	Milner 2 - SCGT
Nameplate Capacity (MW)	204
Technology	Simple Cycle
Heat Rate (GJ/MWh)	10.5
Location	Grande Cache, AB
Commercial Operation	June 2020
Installed cost (including financing)	\$145 mm



Competitive Advantage

Total Installed Cost under EPC Contract

- CAPEX/kW \$711/kW for M2 SCGT vs. ~\$1,200/kW for new SCGT (*significant value from brownfield attributes of existing Milner site*)
- EPC Agreement Successfully built on-time and on-budget under a turnkey agreement with Black & Veatch / PCL joint venture

Operating Costs

- Variable More efficient than average Alberta-based coal and coal-to-gas fleet heat rates of ~11.5-12.0 GJ/MWh
- Fixed Substantially lower fixed costs than competing coal and coal-to-gas fleet



Construction – CCGT Expansion of M2

Project Info	Milner 2 - CCGT
Estimated Nameplate Capacity (MW)	300 (from 204 SCGT)
Technology	Combined Cycle
Heat Rate (GJ/MWh)	8.1
Location	Grande Cache, AB
Anticipated Commercial Operation	Q4 2023
Estimated cost (excluding financing)	\$162 mm



Competitive Advantage

Estimated Installed Cost under EPC Contract

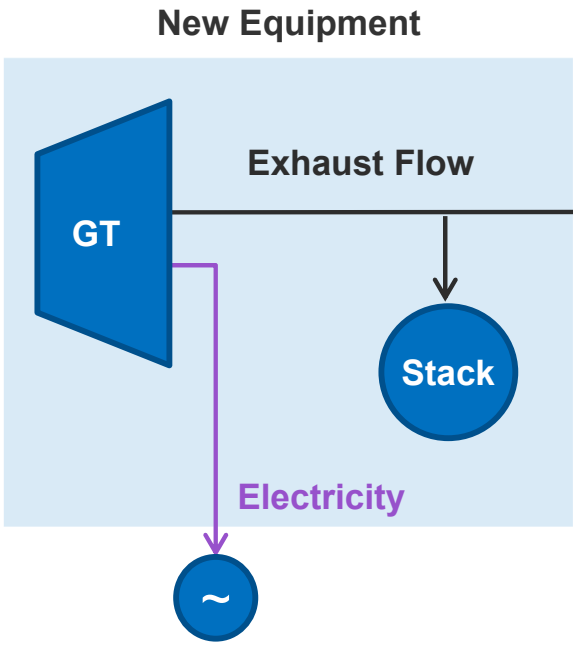
CAPEX/kW	Est. \$1,023/kW (combined M2 SCGT/CCGT project) vs. ~\$1,800/kW for new CCGT (<u>significant value from brownfield attributes of existing Milner site</u>)
EPC Agreement	Similar contracting as M2 SCGT under a turnkey agreement with Black & Veatch / PCL joint venture

Operating Costs

Variable	Significantly more efficient than average Alberta-based coal and coal-to-gas fleet heat rates of ~11.5-12.0 GJ/MWh
Fixed	Substantially lower fixed costs than competing coal and coal-to-gas fleet

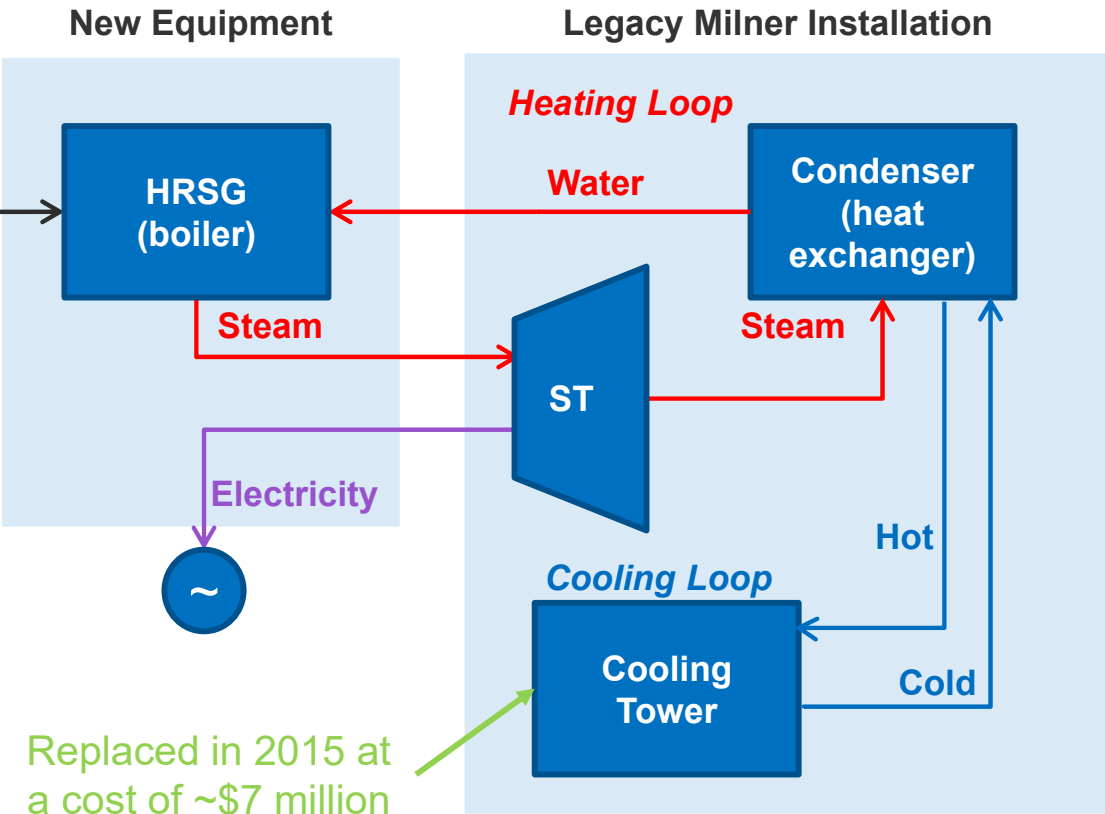
Construction – CCGT Expansion of M2

Operating - M2 SCGT (~200 MW)



GT Gas turbine generator
 Stack Bypass exhaust stack
 HRSG Heat recovery steam generator
 ST Steam turbine generator

Construction – CCGT Expansion of M2 (incremental ~100 MW of waste heat/re-fire energy from SCGT for a total of 300 MW)

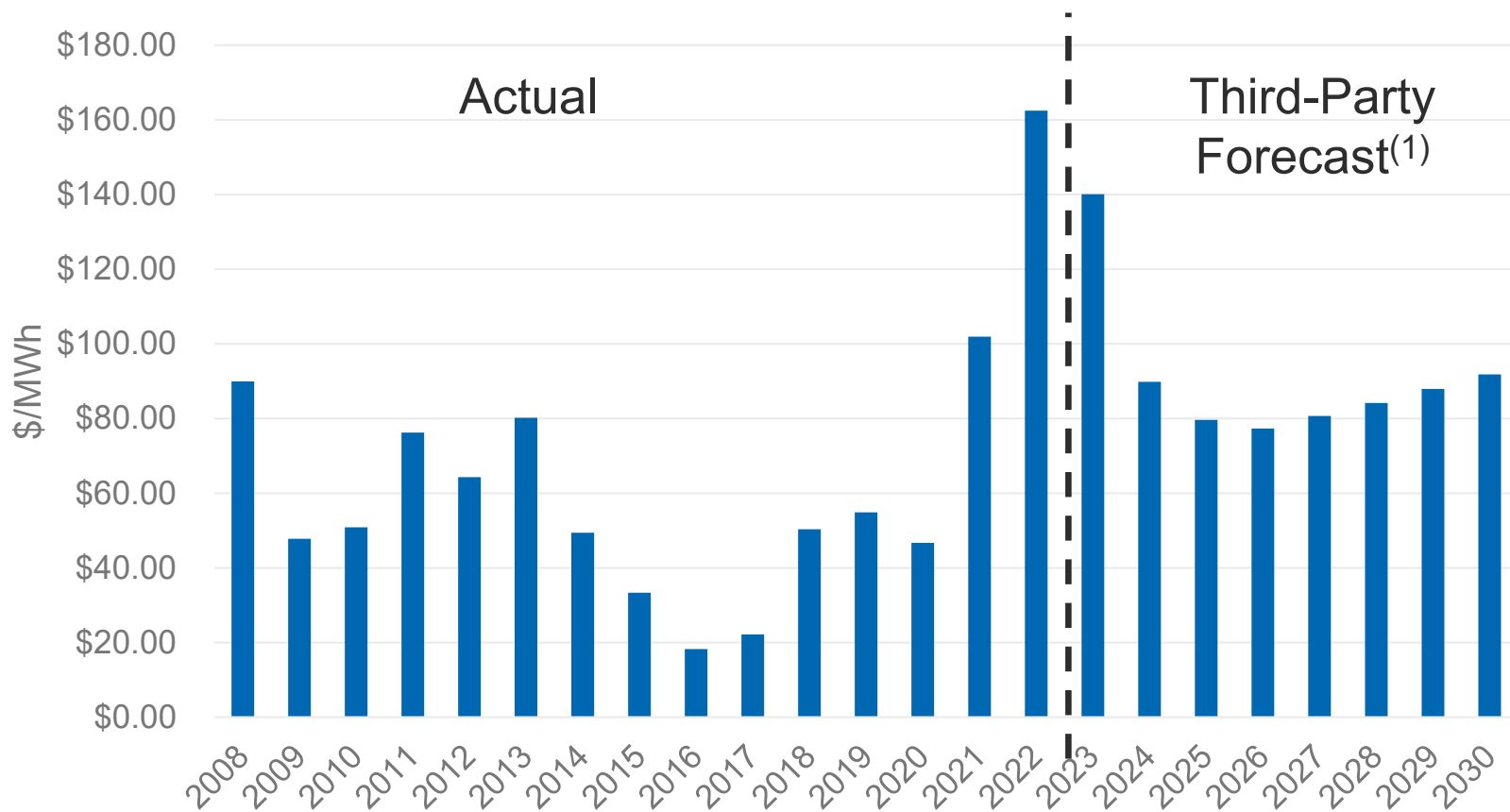


Replaced in 2015 at a cost of ~\$7 million

CCGT Expansion increases M2's capacity from ~200 MW to ~300 MW, lowers operating costs and repurposes legacy Brownfield Milner equipment (Steam Turbine, etc.)



Alberta Power Market – Prices



- December 31, 2020: PPA’s expired offer control returned from government agency to original asset owners
- 2022: High gas prices, combined with significant unit outages and asset owners displaying increased bidding behaviour resulted in record high prices through most of 2022

(1) Source: EDC Q2-2023 Report



MAXIM EBITDA Sensitivities – Existing M2 SCGT

Consolidated Indicative Annualized EBITDA⁽¹⁾ including Existing 204 MW M2 SCGT

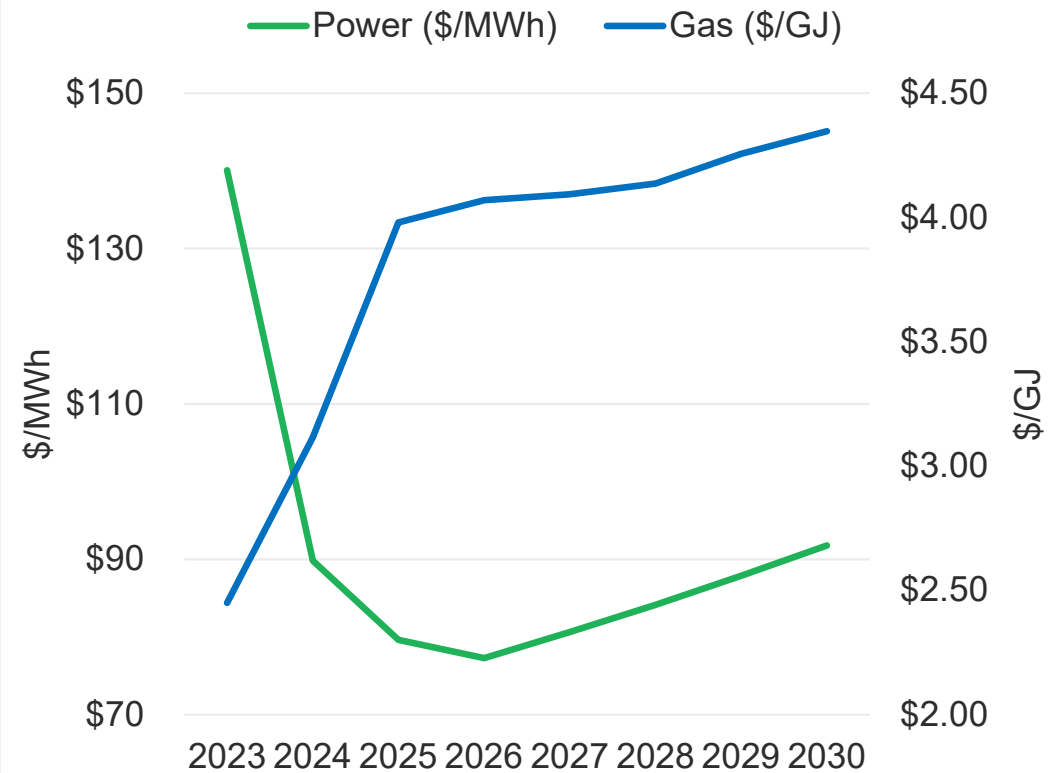
(\$ millions)

		Average Power Price (\$/MWh)				
		\$70	\$90	\$110	\$130	\$150
Average Gas (\$/GJ)	\$2.00	\$35	\$66	\$98	\$129	\$161
	\$3.00	\$18	\$50	\$81	\$113	\$144
	\$4.00	\$1	\$33	\$65	\$96	\$128
	\$5.00	(\$15)	\$16	\$48	\$79	\$111

Assumptions:

- M2 Capacity Factor of 90% on 200 MW
- Carbon assumptions use 2023 Alberta carbon regulations
- Carbon price of \$65/tonne, baseline of 0.3626 tCO₂e/MWh
 - Annual change in price/baseline (\$15/tonne, 2% baseline tightening) lowers EBITDA by ~\$6.0mm
- Excludes Loss Factor Credit/Charge
- Includes MAXIM corporate overhead

EDC Q2 2023 - Power/Gas Price Forecast



Note: EDC assumes \$65/tonne CO₂ in 2023, escalating by \$15/tonne until 2030

Source: EDC Q2-2023 Report

(1) Indicative Annualized EBITDA is a Non-GAAP measure. See Non-GAAP Measures.



MAXIM EBITDA Sensitivities – Future M2 CCGT

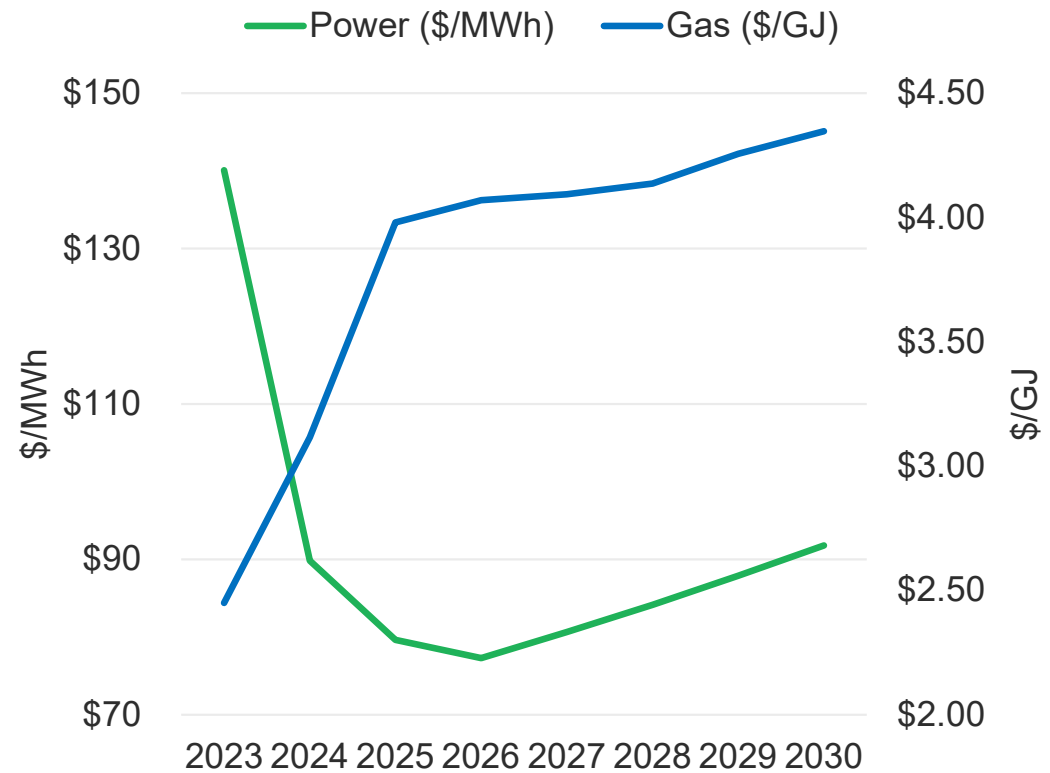
Consolidated Indicative Annualized EBITDA⁽¹⁾ including Future 300 MW M2 CCGT (COD estimated at Q4 2023) (\$ millions)

		Average Power Price (\$/MWh)				
		\$70	\$90	\$110	\$130	\$150
Average Gas (\$/GJ)	\$2.00	\$80	\$125	\$170	\$215	\$260
	\$3.00	\$62	\$107	\$152	\$197	\$241
	\$4.00	\$44	\$88	\$133	\$178	\$223
	\$5.00	\$25	\$70	\$115	\$160	\$205

Assumptions:

- M2 CCGT Capacity Factor of 90% on 285 MW
- Carbon assumptions use 2023 Alberta carbon regulations
- Carbon price of \$65/tonne, baseline of 0.3626 tCO₂e/MWh
 - Annual change in price/baseline (\$15/tonne, 2% baseline tightening) lowers EBITDA by ~\$4.1mm
- Excludes Loss Factor Credit/Charge
- Includes MAXIM corporate overhead

EDC Q2 2023 - Power/Gas Price Forecast



Note: EDC assumes \$65/tonne CO₂ in 2023, escalating by \$15/tonne until 2030

Source: EDC Q2-2023 Report

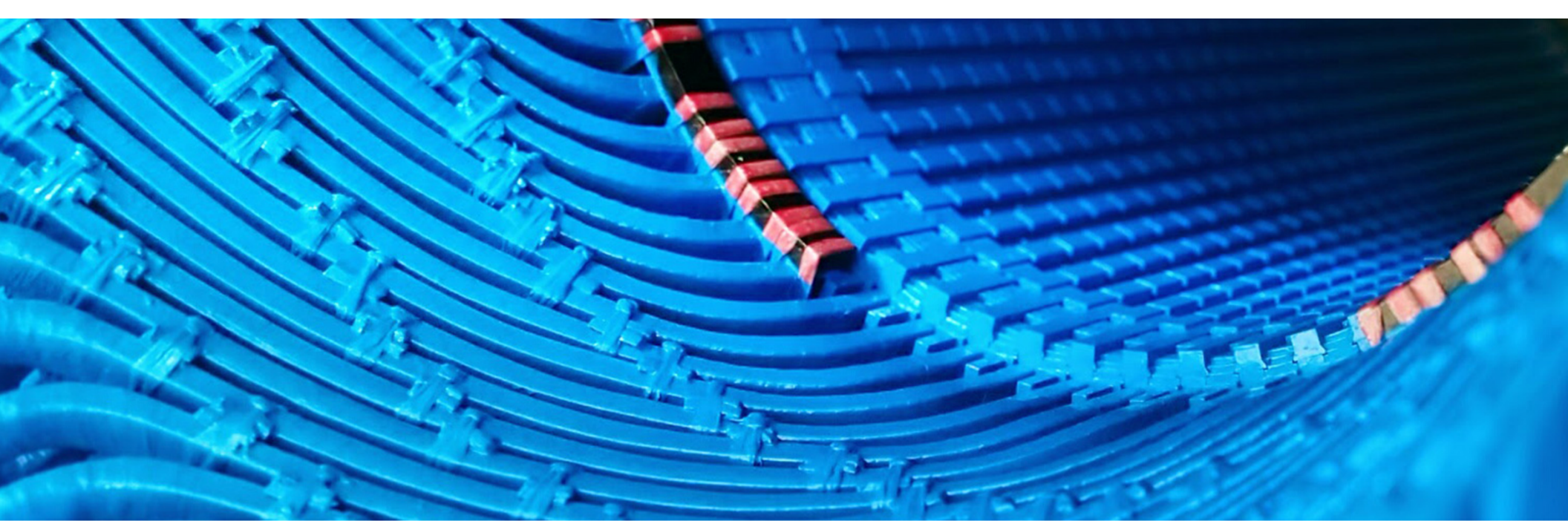
(1) Indicative Annualized EBITDA is a Non-GAAP measure. See Non-GAAP Measures.



MAXIM's Credit Facilities

As at March 31, 2023	Senior Facility	Convertible Facility*
Capacity:	\$102.2 mm	\$75.0 mm
Outstanding:	<u>\$55.7 mm</u>	<u>\$29.4 mm</u>
Undrawn:	\$46.5 mm	\$45.6 mm
Ranking	Senior	Subordinated to Senior Facility
Interest Rate	Floating and Fixed	12%
Term	Facility matures June 30, 2026	Facility matures September 25, 2026 (including extensions). Repayment is postponed to repayment of the Senior Facility
Facilities	<ul style="list-style-type: none"> • \$25.7 mm Term Loan • \$15.0 mm Revolving • \$4.1 mm Letter of Credit • \$27.4 mm Bank Construction • \$30.0 mm Fixed Rate Construction 	\$75.0 mm Non-revolving
Conversion Price	Not applicable	\$2.25 per share

* The lenders of the Convertible Facility are parties related to MAXIM



MAXIM
Power Corp