Q2/20 Analyst Conference Call

July 30, 2020

Brian Vaasjo, President & CEO

Bryan DeNeve, SVP Finance & CFO

Capital Power

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Forward-looking information
Cautionary statement

Certain information in this presentation and responses to questions contains forward-looking information. Actual results could differ materially from conclusions, forecasts or projections in the forward-looking information as a result of certain material factors or assumptions that were applied in drawing conclusions or making forecasts or projections as reflected in the forward-looking information.

Additional information about the material factors and risks that could cause actual results to differ materially from the conclusions, forecasts or projections in the forward-looking information and the material factors or assumptions that were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information are disclosed on slide 15 of this presentation and in the Company's second quarter 2020 Management's Discussion and Analysis (MD&A) prepared as of July 29, 2020 which is available under the Company's profile on SEDAR at sedar.com and on the Company's website at capitalpower.com.

Non-GAAP financial measures

The Company uses (i) earnings before net finance expense, income tax expense, depreciation and amortization, impairments, foreign exchange gains or losses, finance expense and depreciation expense from its joint venture interests, gains or losses on disposals and unrealized changes in fair value of commodity derivatives and emission credits (adjusted EBITDA), (ii) adjusted funds from operations, (iii) adjusted funds from operations per share, (iv) normalized earnings attributable to common shareholders, and (v) normalized earnings per share as financial performance measures.

These terms are not defined financial measures according to GAAP and do not have standardized meanings prescribed by GAAP and, therefore, are unlikely to be comparable to similar measures used by other enterprises. These measures should not be considered alternatives to net income, net income attributable to shareholders of the Company, net cash flows from operating activities or other measures of financial performance calculated in accordance with GAAP. Rather, these measures are provided to complement GAAP measures in the analysis of the Company’s results of operations from management’s perspective.

Reconciliations of these non-GAAP financial measures are disclosed in the Company’s Management’s Discussion and Analysis prepared as of July 29, 2020 for the second quarter of 2020, which is available under the Company’s profile on SEDAR at SEDAR.com and on the Company’s website at capitalpower.com.

Q2/20 highlights

- Solid Q2 results – meeting management expectations
  - No change in our 2020 outlook – reaffirming our financial guidance provided at Investor Day in Dec/19
- Increased the common share dividend by 6.8% to $2.05 per year representing the 7th consecutive annual increase
  - Maintaining guidance for 7% annual increase in 2021 and 5% for 2022
- Very good progress on renewable and growth strategy (Whitla Wind 3, Strathmore Solar project)
- Capital Power Executive team realigned for the future

Growth in Alberta renewables

Whitla 3[1]

- Proceeding with phase 3 of Whitla Wind that will add 54 MW in late 2021 with an expected capital cost of $92M
- Construction activities and discussions for renewable offtake contracts with commercial and industrial customers will occur concurrently for Whitla 2 & 3
- Once all 3 phases of the Whitla Wind facility are completed at the end of 2021, it will be Alberta's largest wind facility with 353 MW of generation capacity

Strathmore Solar[1]

- Moving forward with Strathmore Solar project that will add 40.5 MW in early 2022 with an expected capital cost of $50M - $55M; our first solar project in Canada
- Expect portion of output to be sold under renewable offtake contracts
- Estimate average annual adjusted EBITDA and AFFO to be ~$5M over first 5 years

(1) Subject to successful permitting and regulatory approvals.

Positioning Capital Power for the future

Brian Vaasjo
President & CEO

Kate Chisholm	**Bryan DeNeve**	**Sandra Haskins**	**Chris Kopecky**	**Jacquie Pylypiuk**	**Darcy Trufyn**
SVP Planning & Stakeholder Relations & Chief Sustainability Officer	SVP Business Development & Commercial Services	SVP Finance & Chief Financial Officer	SVP and Chief Legal Officer	SVP People, Culture & Technology	SVP Operations, Engineering & Construction

- More effective alignment for people and ESG
- Part of restructuring which resulted in 20+ people changing roles, additional responsibilities and/or promotions
- Net reduction of 12 positions

Financial highlights

Q2/20 financial results in line with our expectations

- Captured realized price of $53/MWh in Q2/20 compared to average AB spot price of $30/MWh that reflected lower market demand from reduced oil and gas production and impacts from COVID-19 and softer pricing from a stable baseload supply, strong hydro and wind generation, and moderate temperatures

Portfolio optimization	Q2/20	Q2/19
Average AB spot price	$30/MWh	$57/MWh
Average realized price	$53/MWh	$55/MWh
% realized vs. spot price	77%	-4%

- Line Loss Rule Proceeding – recorded $3M in Q2/20 for the estimated net liability that increased the provision to $18M, to reflect updated information from AESO. Expected timing of three invoice payments to begin in 2020 and continue into the first half of 2021.
- Reinstated Dividend Reinvestment Plan (DRIP) as a means to raise equity towards the renewable development projects under construction
- Both credit rating agencies DBRS (Apr 7) and S&P (July 13) have affirmed our investment grade credit ratings of BBB(low) and BBB- with a stable outlook

Financial performance – Q2/20

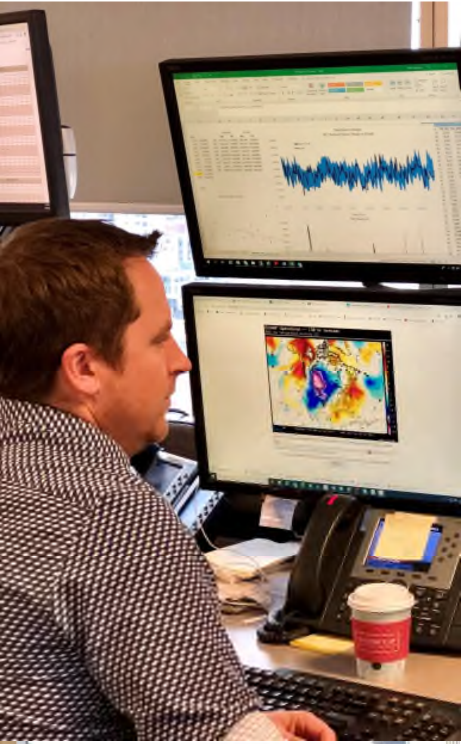
$M, except per share amounts	Q2/20	Q2/19	Change
Revenues and other income	$435	$366	19%
Adjusted EBITDA	$217	$191	14%
Basic earnings per share	$0.10	$0.93	(89%)
Normalized EPS	$0.17	$0.14	21%
Net cash flows from operating activities	$91	$114	(20%)
Adjusted funds from operations (AFFO)	$97	$85	14%
AFFO per share	$0.92	$0.82	12%

Double-digit % growth in Adjusted EBITDA from acquisition of Goreway (Jun/19) and renewable additions

Financial performance – Q2/20 YTD

$M, except per share amounts	Q2/20 YTD	Q2/19 YTD	Change
Revenues and other income	$968	$763	27%
Adjusted EBITDA	$451	$393	15%
Basic (loss) earnings per share	($0.02)	$1.42	(101%)
Normalized EPS	$0.44	$0.44	0%
Net cash flows from operating activities	$194	$310	(37%)
Adjusted funds from operations (AFFO)	$215	$202	6%
AFFO per share	$2.04	$1.97	4%

Higher Adjusted EBITDA from acquisition of Goreway and renewable additions



Portfolio optimization

Alberta commercial portfolio positions

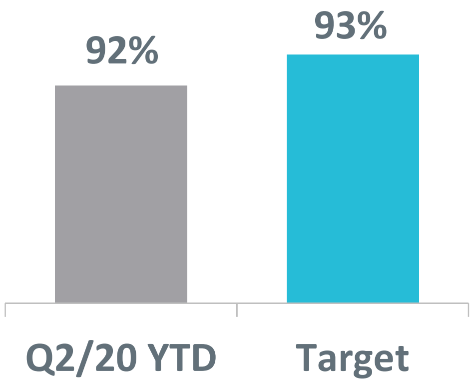
- Substantially all of baseload generation hedged for the remainder of 2020
- Expect liquidity to increase during remainder of this year to facilitate increased hedging for 2021

	2021	2022	2023
% sold forward[1]	10%	16%	11%
Contracted prices[1] ($/MWh)	High-$50	Low-$50	Low-$50
Current average forward prices[2] ($/MWh)	$51	$52	$51

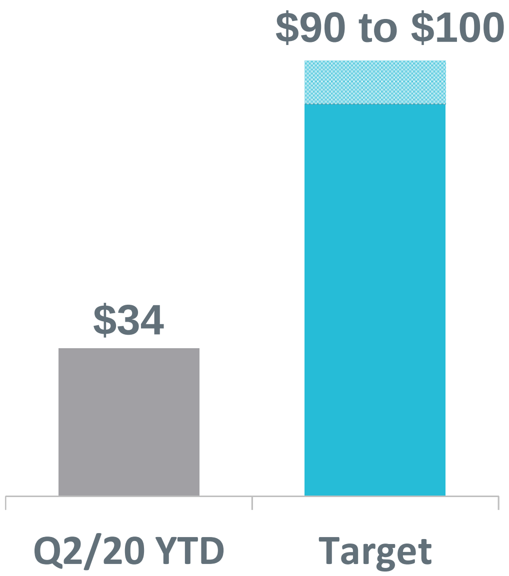
1) As of June 30, 2020. Based on the Alberta baseload facilities plus a portion of Joffre and the uncontracted portion of Shepard.
2) As of July 29, 2020.

6-month performance versus 2020 annual targets

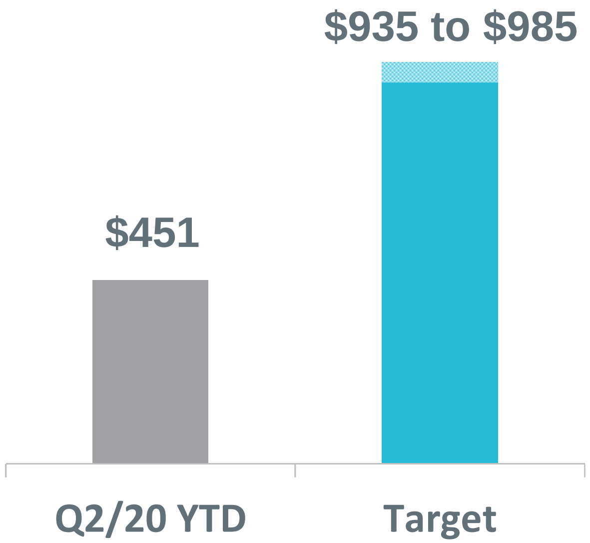
Facility availability



Sustaining capex ($M)

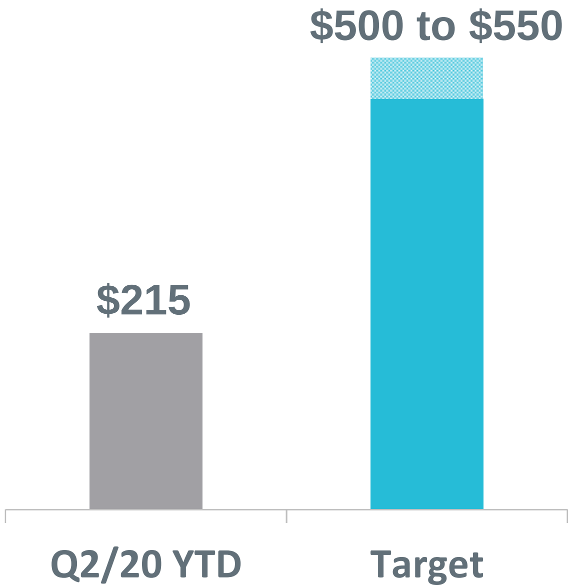


Adjusted EBITDA ($M)



2020 Adjusted EBITDA expected to be above the mid-point

AFFO ($M)



2020 AFFO expected to be near the mid-point, excluding the impacts of Line Loss Rule Proceeding

2020 development and construction targets

Targets	Status
Cardinal Point Wind (Illinois, 150 MW) Complete construction within $289-$301M (CAD), $236-$246M (USD) budget for COD in Mar/20	✓ Total USD project cost expected near low end of budget range ✓ Completed on-schedule with COD in Mar/20 ✓ Received net tax equity financing of $221M from two U.S. financial institutions ✓ 12-year PPA with an investment grade U.S. financial institution for 85% of the facility's output
Whitla Wind 2 (Alberta, 97 MW) Complete construction within $165M budget for COD in Q4/21	✓ Project currently tracking on-budget and on-schedule

Progress on 2020 growth target

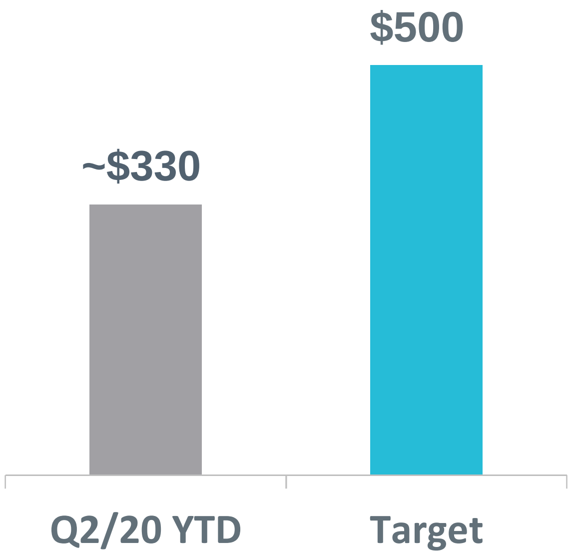
$500M of committed capital for growth

Buckthorn Wind (Texas)
- ~$187M acquisition
- 101 MW

Whitla Wind 3 (Alberta)
- $92M development
- 54 MW, COD Q4/21

Strathmore Solar (Alberta)
- $50M-$55M development
- 40.5 MW, COD early 2022

Committed Capital ($M)



Very good progress on growth and renewable targets

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Questions?

Forward-looking information

Forward-looking information or statements included in this presentation are provided to inform the Company's shareholders and potential investors about management's assessment of Capital Power's future plans and operations. This information may not be appropriate for other purposes. The forward-looking information in this presentation is generally identified by words such as will, anticipate, believe, plan, intend, target, and expect or similar words that suggest future outcomes.

Material forward-looking information in this presentation includes expectations regarding:

- future revenues, expenses, earnings, adjusted EBITDA and adjusted funds from operations,
- the future pricing of electricity and market fundamentals in existing and target markets,
- future dividend growth,
- the Company's future cash requirements including interest and principal repayments, capital expenditures, dividends and distributions,
- the Company's sources of funding, adequacy and availability of committed bank credit facilities and future borrowings,
- future growth and emerging opportunities in the Company's target markets including the focus on certain technologies,
- the timing of, funding of, and costs for existing, planned and potential development projects and acquisitions (including phases 2 and 3 of the Whitla Wind project and the Strathmore Solar project),
- facility availability and planned outages,
- capital expenditures for facility maintenance and other (sustaining capital, future growth projects, commercial initiatives),
- the financial impacts of the acquisition of Buckthorn Wind, including the impacts to adjusted EBITDA and adjusted funds from operations,
- the likelihood of meeting the threshold and paying out contingent consideration related to Buckthorn Wind,
- the timing of the Buckthorn Wind tax equity investor reaches the agreed upon target rate of return,
- the final cost and financial impacts of Cardinal Point Wind in its first full year of operations, including the impacts to adjusted EBITDA and adjusted funds from operations,
- impacts of the Vestas Long-Term Service Agreement (LTSA) extension agreement, including cost reductions, impacts on adjusted EBITDA and adjusted funds from operations and timing of finalizing facility LTSAs as well as the years they will become effective,
- the financial impacts of the Strathmore Solar project, including impacts to adjusted EBITDA and adjusted funds from operations
- the impacts of market designs in the Company's core markets,
- the Line Loss Rule Proceeding including timing of invoicing, participation in applicable regulatory processes, and potential impacts to the Company, and
- the impact of the COVID-19 pandemic and the decline in oil prices.

These statements are based on certain assumptions and analyses made by the Company in light of its experience and perception of historical trends, current conditions, expected future developments, and other factors it believes are appropriate including its review of purchased businesses and assets.

The material factors and assumptions used to develop these forward-looking statements relate to:

- electricity and other energy prices and carbon prices,
- performance,
- business prospects (including potential re-contracting of facilities) and opportunities including expected growth and capital projects,
- status of and impact of policy, legislation and regulations,
- effective tax rates,
- foreign exchange rates,
- anticipated performance of Buckthorn Wind,
- anticipated performance of Cardinal Point Wind
- anticipated performance of Strathmore Solar
- assumptions around the Line Loss Rule Proceeding calculations including preliminary AESO recalculated loss factors for the historic years 2014-2016, and estimated historic loss factors from the AUC proceeding for the remaining historic period (2006-2013), and
- other matters discussed under the Performance Overview, Outlook and Risks and Risk Management sections.

Whether actual results, performance or achievements will conform to the Company's expectations and predictions is subject to a number of known and unknown risks and uncertainties which could cause actual results and experience to differ materially from the Company's expectations. Such material risks and uncertainties are:

- changes in electricity prices in markets in which the Company operates,
- changes in energy commodity market prices and use of derivatives,
- regulatory and political environments including changes to environmental, financial reporting and tax legislation,
- generation facility availability, wind capacity factor and performance including maintenance expenditures,
- ability to fund current and future capital and working capital needs,
- acquisitions and developments including timing and costs of regulatory approvals and construction,
- changes in market prices and availability of fuel,
- ability to realize the anticipated benefits of the Buckthorn Wind acquisition,
- limitations inherent in the Company's review of acquired assets,
- changes in general economic and competitive conditions, and
- risks and uncertainties discussed under the Risks and Risk Management section.

See Risks and Risk Management in the Company's December 31, 2019 annual MD&A and Risks and Risk Management, for further discussion of these and other risks.

Readers are cautioned not to place undue reliance on any such forward-looking statements, which speak only as of the specified approval date. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in the Company's expectations or any change in events, conditions or circumstances on which any such statement is based, except as required by law.

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