Delivering a Sustainable Future

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Bryan DeNeve, SVP Finance and CFO

Investor Presentation
April 2019
Growth-oriented North American power producer

- 5,100 MWs of owned capacity
- Highly-contracted portfolio
- History of dividend growth with 7% annual growth guidance out to 2021
- Strong pipeline of contracted growth opportunities
- Committed to investment grade credit rating
Young fleet with long asset lives

Average age 15 years\(^{(1)}\)

- New Frontier Wind
- Bloom Wind
- Beaufort Solar
- Shepard Energy Centre
- Port Dover & Nanticoke
- Halikir
- Quality Wind
- York Energy
- Macho Springs
- Keephills 3
- East Windsor
- CBEC - Units 2&3
- 150 Mile House/Savona
- CBEC - Unit 1
- Kingsbridge 1
- Genesee 3
- Decatur Energy
- Island Generation
- Arlington Valley
- Joffre
- Genesee 1
- Genesee 2
- Roxboro
- Southport

1) Megawatt-weighted average.
2) EBITDA-weighted average, based on 2018 EBITDA. Includes Off-Coal Agreement with the Province of Alberta and excludes Genesee 1 & 2, Southport and Roxboro PPAs.

5-year average availability (2019 target of 95%)

95%

3% of current generation portfolio is expected to retire in the next decade
High level of average contracted life

1) As at March 2019, based on 2019 target Adjusted EBITDA.
2) EBITDA-weighted average, includes Off-Coal Agreement with the Province of Alberta and excludes Genesee 1 & 2, Southport and Roxboro PPAs.
3) Currently undergoing re-contracting negotiations.
Adjusted EBITDA growth from new assets\(^{(1-5)}\)

1) Margins have been averaged over the periods except in the year of commissioning/acquisition. 2) Capital Power’s share of adjusted EBITDA for all assets. Adjusted EBITDA is a non-GAAP measure. 3) Includes both merchant and contracted components of Shepard and Halkirk. The merchant components include contributions from trading activity attributable to the plants’ production. 4) Includes finance lease principal payments for 2012-2018. 5) Includes gross capex from tax-equity investments.
Dividend growth guidance extended to 2021

Target long-term annual AFFO payout ratio of 45-55%

Delivering consistent annual dividend growth should result in EBITDA multiple expansion

1) Subject to market conditions, economic outlook, cash flow forecast, and Board approval at the time.
2) 2013 to 2018 annualized dividend based on year-end quarterly common shares dividend declared.
Alberta Power Market

- Robust outlook for power prices
- Demand growth of 3-4%
- Reasonable capacity market design
Positive Alberta power market fundamentals

- Alberta continues to see strong demand growth
- New summer peak record of 11,169 MW on August 10, 2018
- Older coal fired units have started to retire or mothball
- Termination of 2,000 MW of PPAs have facilitated commercial optimization

1) Alberta Internal Load normalized for weather. Source: Capital Power, EIA.
Stable outlook in Alberta power prices

Power prices averaging nearly $60/MWh in last 12 months

Quarterly

Annual

$/MWh

Q1/17 Q2/17 Q3/17 Q4/17 Q1/18 Q2/18 Q3/18 Q4/18 Q1/19

2016 2017 2018 2019

2020 Fwds

2021 Fwds

Significant step change in 2018 power prices

• Coal plant retirements / mothballing
• Robust demand growth
• Higher carbon tax

1) Forward prices as of March 27, 2019.
Capacity market design

Final design is consistent with our view of a properly designed capacity market for Alberta

- AESO has finalized its proposed market design
- Design sets a level playing field for suppliers to provide a uniform capacity product
- Provides an equal opportunity for all resources to earn a return on and of capital
- Next steps:
  - Alberta Utilities Commission (AUC) approval expected by mid-2019
  - First capacity auction in late 2019
  - Capacity contracts awarded early 2020 for delivery starting in November 2021

AESO’s forecast revenue for baseload facilities

AESO’s forecast of $55-$65/MWh for combined capacity and energy revenue reflects the all-in cost of new entry
## Portfolio optimization

**AB commercial portfolio positions**

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>As of date</td>
<td></td>
<td>Dec 31, 2018</td>
<td></td>
</tr>
<tr>
<td>% sold forward(^{(1)})</td>
<td>78%</td>
<td>34%</td>
<td>1%</td>
</tr>
<tr>
<td>Contracted prices(^{(2)}) ($/MWh)</td>
<td>Mid-$50</td>
<td>Low-$50</td>
<td>Low-$80(^{(3)})</td>
</tr>
<tr>
<td>Current average forward prices(^{(4)}) ($/MWh)</td>
<td>$58</td>
<td>$52</td>
<td>$48</td>
</tr>
</tbody>
</table>

1) Based on the Alberta baseload plants plus a portion of Joffre and the uncontracted portion of Shepard.

2) Forecasted average contracted prices may differ significantly from future average realized prices as future realized prices are driven by a combination of previously contracted prices and settled prices.

3) Average contract pricing on the net 2021 position is abnormally high due to low net volumes sold forward where gross sales were transacted at higher prices than gross purchases.

4) As of March 27, 2019.

Nearly 500 MW (gas peaking, wind) available to capture the upside from low natural gas prices, higher power prices, and price volatility.
Maximizing the Alberta commodity portfolio
Creating incremental value and stability through market expertise

Average realized power prices\(^{(1)}\) have exceeded spot power prices by 22% since the Company’s inception 10 years ago

\(^{(1)}\) Based on the Alberta baseload plants and the acquired Sundance PPA plus the uncontracted portion of Shepard Energy Centre baseload. Effective Mar/16, Sundance PPA is no longer a part of Capital Power’s baseload generation due to termination of the Sundance PPA.
Capital Power is well positioned in Alberta

Market certainty is returning

- Competitive fixed and variable costs
- Maximal capacity volumes due to high availability and strategically located wind assets
- Coal to gas conversion optionality through bid rules
- Potential for good operators to capture more value
- Existing and new assets treated equally
Growth Strategy

• Strong renewable pipeline including 1,200 MW of U.S. wind development
• Potential natural gas plant acquisitions
• Growth target of $500M committed capital per year for contracted opportunities
Current projects under construction

Additional 350 MWs of long-term contracted wind facilities to be added by Mar/20

<table>
<thead>
<tr>
<th>Year</th>
<th>Project</th>
<th>Capacity</th>
<th>PPA Duration</th>
<th>Capital Cost</th>
<th>Commissioning Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Whitla Wind (Alberta)</td>
<td>201.6 MW</td>
<td>20-year PPA</td>
<td>$315-$325M</td>
<td>Q4/19</td>
</tr>
<tr>
<td>2020</td>
<td>Cardinal Point Wind (Illinois)</td>
<td>150 MW</td>
<td>12-year PPA</td>
<td>$289-$301M</td>
<td>Mar/20</td>
</tr>
</tbody>
</table>

Other contracted growth
- $500 million of committed capital
Visible pipeline of growth opportunities in targeted markets

- **In construction**
  - Genesee Expansion
  - Klo Wind
  - Frederickson 2
  - Nolin Hills
  - Geneva Expansion
  - CBEC Expansion
  - Halkirk 2
  - Whitla 2
  - Garrison Butte
  - Tisch Mills
  - Whitla 1
  - Cardinal Point
  - Green Hills
  - North Dumfries
  - Black Fork
  - Arlington Expansion
  - Sun Valley Energy Center

- **In development**
  - Terrace Thermal
  - KWCG
  - Madoc Solar
  - YEC Expansion
  - Terrace Thermal

- **Potential wind developments**
  - >2,000 MW

- **Potential gas developments**
  - >3,500 MW

- **Potential solar developments**
  - >250 MW

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capitalpower.com
Sustainability

• Focus on building renewables
• Coal-to-gas conversion
• World leading carbon reduction program targeting 10% reduction in GHG emissions
• Carbon capture investments (C2CNT)
• Creating value with transparent Climate-related financial disclosure (TCFD)
• Released inaugural TCFD report in Jan 2019
Coal-to-gas conversion (dual-fuel capability)
A staged approach to ensure maximal operational flexibility is maintained

- Timing dependant on market pricing & structure, carbon taxes, natural gas prices
- Conversion work can be completed within regular planned outages (2-year cycle)
- $85M capital costs for 4 units (incl. Keephills 3)
- All the advantages from efficient coal units are transferred to converted gas units
Financial

• AFFO growth supports dividend growth
• Ability to fund targeted $500M growth per year without accessing equity markets
• Maintain investment grade credit rating
AFFO\(^{(1,2)}\) growth and conservative payout supports dividend growth

Expect to generate $295M in discretionary cash flow in 2019

1) AFFO is a non-GAAP financial measure. 2) Historical AFFO figures restated using Adjusted AFFO (2018 method). 3) Includes cash dividends, dividends retained under DRIP, and distributions to EPCOR. 4) 2019 represents midpoint of $460 - $510M guidance range.
AFFO\(^{(1)}\) for 2019

Higher Alberta power prices and AFFO from Arlington and New Frontier offset K2 divestiture

12% year-over-year AFFO growth after normalizing for 2019 Arlington toll

1) AFFO is a non-GAAP financial measure.
2) Non-recurring component of 2019 Arlington Valley toll payment.
# Cash flow and financing outlook

## Sufficient funding for current growth projects

### Sources of cash flow

<table>
<thead>
<tr>
<th>Description</th>
<th>2019T ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funds from operations&lt;sup&gt;(1)&lt;/sup&gt; + off-coal compensation</td>
<td>$615</td>
</tr>
<tr>
<td>Proceeds from disposal of K2 Wind</td>
<td>$215</td>
</tr>
<tr>
<td>Debt issuances</td>
<td>$650</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,480</strong></td>
</tr>
</tbody>
</table>

### Uses of cash flow

<table>
<thead>
<tr>
<th>Description</th>
<th>2019T ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dividends (common &amp; preferred shares)</td>
<td>($235)</td>
</tr>
<tr>
<td>Debt repayment&lt;sup&gt;(2)&lt;/sup&gt;</td>
<td>($525)</td>
</tr>
<tr>
<td>Genesee Performance Standard&lt;sup&gt;(3)&lt;/sup&gt;</td>
<td>($15)</td>
</tr>
<tr>
<td>Enhancement capex</td>
<td>($25)</td>
</tr>
<tr>
<td>Sustaining and maintenance capex</td>
<td>($85)</td>
</tr>
<tr>
<td>Development capex – Whitla &amp; Cardinal Point</td>
<td>($515)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>($1,400)</strong></td>
</tr>
</tbody>
</table>

**Surplus**

$80

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1) Funds from operations (FFO) is a non-GAAP financial measure.
2) Excludes debt repayments to tax equity investor & equity accounted investment debt repayments. Includes principal payments on finance lease payables.
3) Genesee Performance Standard (GPS) is a program to reduce CO2 and improve coal plant efficiency. Total program costs of ~$35M.
Financial targets

Strong double-digit growth in AFFO and Adjusted EBITDA

Adjusted funds from operations\(^{(1)}\)

<table>
<thead>
<tr>
<th>Year</th>
<th>AFFO(^{(1)}) ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>$397</td>
</tr>
<tr>
<td>2019T</td>
<td>$510</td>
</tr>
</tbody>
</table>

Adjusted EBITDA\(^{(1)}\)

<table>
<thead>
<tr>
<th>Year</th>
<th>EBITDA ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>$713(^{(2)})</td>
</tr>
<tr>
<td>2019T</td>
<td>$850</td>
</tr>
</tbody>
</table>

1) AFFO and Adjusted EBITDA are non-GAAP financial measures.
2) Before unrealized changes in fair value of commodity derivatives and emission credits of -$67M.
Sustainability and dividend growth

Dividend yield has returned to historic 5-6% range with recovery in Alberta power prices and more clarity on capacity market design.

Alberta Government announces Climate Leadership Plan

Coal compensation announced

Alberta Election
Strategically evolving our portfolio

- **Generation technology**
  - 2014: 33% Gas and renewables
  - 2019: 64% Gas and renewables

- **Contracted capacity**
  - 2014: 58% Contracted
  - 2019: 77% Contracted

- **North American footprint**
  - 2014: 76% Alberta
  - 2019: 55% Alberta

- **AFFO per share**
  - 2014: $2.51
  - 2019: $4.74

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1) Based on Adjusted EBITDA excluding G&A expenses and including off-coal compensation and finance lease principal payments. 2) Adjusted EBITDA and AFFO per share are non-GAAP financial measures. 3) Based on midpoint of the $460M - $510M guidance range.
Appendices

- Alberta’s coal fleet
- DCF supports dividend growth
- Credit rating metrics
- Debt maturity schedule
- Summary of assets
- Projects under development/construction
### Alberta’s coal fleet

Retirements under federal / provincial regulations and conversion to gas

<table>
<thead>
<tr>
<th>Facility</th>
<th>AESO max capacity (MW)</th>
<th>Age in 2019 (yrs)</th>
<th>End of coal life (CLP)(^{(1)})</th>
<th>Current Status</th>
<th>Coal to gas conversion Expectation</th>
<th>PPA status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battle River 3</td>
<td>149</td>
<td>50</td>
<td>2019</td>
<td>Online</td>
<td>Co-firing with gas</td>
<td>Merchant</td>
</tr>
<tr>
<td>Sundance 1</td>
<td>288</td>
<td>49</td>
<td>2019</td>
<td>Retired Jan 2018</td>
<td></td>
<td>PPA expired end of 2017</td>
</tr>
<tr>
<td>H.R. Milner</td>
<td>144</td>
<td>47</td>
<td>2019</td>
<td>Return from mothball end of May 2018</td>
<td></td>
<td>Merchant</td>
</tr>
<tr>
<td>Sundance 2</td>
<td>288</td>
<td>46</td>
<td>2019</td>
<td>Retired Jul 2018</td>
<td></td>
<td>PPA expired end of 2017</td>
</tr>
<tr>
<td>Battle River 4</td>
<td>155</td>
<td>44</td>
<td>2025</td>
<td>Online</td>
<td>Co-firing with gas</td>
<td>Merchant</td>
</tr>
<tr>
<td>Sundance 3</td>
<td>368</td>
<td>43</td>
<td>2026</td>
<td>Mothballed until Nov/21</td>
<td>AUC approved CtG 2020-23</td>
<td>Returned to TA in Apr/18</td>
</tr>
<tr>
<td>Sundance 4</td>
<td>406</td>
<td>42</td>
<td>2027</td>
<td>To be mothballed Apr/19 (up to 2 yrs)</td>
<td>AUC approved CtG 2020-23</td>
<td>Returned to TA in Apr/18</td>
</tr>
<tr>
<td>Sundance 5</td>
<td>406</td>
<td>41</td>
<td>2028</td>
<td>Mothballed until Nov/21</td>
<td>AUC approved CtG 2020-23</td>
<td>Returned to TA in Apr/18</td>
</tr>
<tr>
<td>Sundance 6</td>
<td>401</td>
<td>39</td>
<td>2029</td>
<td>Online</td>
<td>AUC approved CtG 2020-23</td>
<td>Returned to TA in Apr/18</td>
</tr>
<tr>
<td>Battle River 5</td>
<td>385</td>
<td>38</td>
<td>2029</td>
<td>Online</td>
<td>AUC approved CtG 2019-22</td>
<td>Returned to ATCO Oct/18</td>
</tr>
<tr>
<td>Keephills 1</td>
<td>395</td>
<td>36</td>
<td>2029</td>
<td>Online</td>
<td>AUC approved CtG 2020-23</td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Keephills 2</td>
<td>395</td>
<td>35</td>
<td>2029</td>
<td>Online</td>
<td>AUC approved CtG 2020-23</td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Sheerness 1</td>
<td>400</td>
<td>33</td>
<td>2030</td>
<td>Online</td>
<td>AUC applied CtG 2019-22</td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Genesee 2</td>
<td>400</td>
<td>30</td>
<td>2030</td>
<td>Online</td>
<td></td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Sheerness 2</td>
<td>390</td>
<td>29</td>
<td>2030</td>
<td>Online</td>
<td></td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Genesee 1</td>
<td>400</td>
<td>25</td>
<td>2030</td>
<td>Online</td>
<td></td>
<td>Balancing Pool; Dec/20 expiry</td>
</tr>
<tr>
<td>Genesee 3(^{(2)})</td>
<td>466</td>
<td>14</td>
<td>2030</td>
<td>Online</td>
<td></td>
<td>Merchant</td>
</tr>
<tr>
<td>Keephills 3(^{(2)})</td>
<td>463</td>
<td>8</td>
<td>2030</td>
<td>Online</td>
<td>AUC applied CtG 2020-23</td>
<td>Merchant</td>
</tr>
</tbody>
</table>

\(^{(1)}\) Current coal regulations under Climate Leadership Plan (Alberta).

\(^{(2)}\) Capital Power and TransAlta Corporation are 50% owners on Genesee 3 and Keephills 3.
Discretionary cash flow supports dividend growth target(1)

$500M Capital
$50M EBITDA
$36M(2) AFFO
8.1% AFFO/share Growth
7% Dividend Growth

AFFO growth from discretionary cash flow covers 7% annual dividend growth without dilution to existing shareholders

1) Assumes a 10x EBITDA multiple and a capital structure of 50% DCF, and 50% debt issued at 7 year indicative rate of 4.8%. AFFO growth is compared to the 2019 target midpoint of $445M, normalized for non-recurring component of Arlington Valley toll.
2) AFFO includes a reduction of $2M from expected maintenance CAPEX.
Financial strength
Strong balance sheet and commitment to investment grade credit ratings

- Strong liquidity from cash flow from operations and $1B of committed credit facilities with 5-year tenor
- Strong financial metrics that exceed rating agency thresholds for existing ratings

<table>
<thead>
<tr>
<th>Agency</th>
<th>Ratings</th>
<th>Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>S&amp;P</td>
<td>BBB- / P-3</td>
<td>Stable</td>
</tr>
<tr>
<td>DBRS</td>
<td>BBB(low) / Pfd-3 (low)</td>
<td>Stable</td>
</tr>
</tbody>
</table>

**Within S&P financial criteria for current rating**

- Adj. FFO/Debt\(^{(1-3)}\)
- Adj. Debt/EBITDA\(^{(1-3)}\)

**Within DBRS financial criteria for current rating**

- Adj. Cash flow/Debt\(^{(1,3)}\)
- Adj. EBITDA/Interest\(^{(1,3)}\)

1) Cash flow and Adjusted EBITDA amounts include off-coal compensation.
2) Based on S&P’s weighted average ratings methodology.
3) 2019F means 2019 forecast.
Debt maturity schedule\(^{(1)}\)

Well spread-out debt maturities supported by long asset lives

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1) Debt amounts as of March 1, 2019 excludes non recourse debt, credit facility debt, and tax-equity financing. $250 million matured February 21, 2019 and was funded by credit facilities.

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\(\text{($M)}\)

<table>
<thead>
<tr>
<th>Year</th>
<th>Capital Markets</th>
<th>CAD Private Placement</th>
<th>USD Private Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>$300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>US $230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2024</td>
<td></td>
<td>$450</td>
<td></td>
</tr>
<tr>
<td>2025</td>
<td></td>
<td>$160</td>
<td>$300</td>
</tr>
<tr>
<td>2026</td>
<td></td>
<td>US $65</td>
<td>$300</td>
</tr>
</tbody>
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## Summary of assets

<table>
<thead>
<tr>
<th>Alberta Contrated</th>
<th>Alberta Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Genesee 1</td>
<td>Genesee 2</td>
</tr>
<tr>
<td>Capacity</td>
<td>Capacity</td>
</tr>
<tr>
<td>430 MW</td>
<td>430 MW</td>
</tr>
<tr>
<td>% owned / operated</td>
<td>% owned / operated</td>
</tr>
<tr>
<td>100 / 100</td>
<td>100 / 100</td>
</tr>
<tr>
<td>Location</td>
<td>Location</td>
</tr>
<tr>
<td>Warburg</td>
<td>Warburg</td>
</tr>
<tr>
<td>Coal (50% ownership of coal mine)</td>
<td>Coal (50% ownership of coal mine)</td>
</tr>
<tr>
<td>PPA Expiry</td>
<td>PPA Expiry</td>
</tr>
<tr>
<td>2020</td>
<td>2020</td>
</tr>
</tbody>
</table>
## Summary of assets

<table>
<thead>
<tr>
<th>Island Generation</th>
<th>Quality Wind</th>
<th>Savona</th>
<th>150 Mile House</th>
<th>Port Dover &amp; Nanticoke</th>
<th>Kingsbridge 1</th>
<th>York Energy</th>
<th>East Windsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ontario &amp; British Columbia Contracted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>275 MW</td>
<td>142 MW</td>
<td>5 MW</td>
<td>5 MW</td>
<td>105 MW</td>
<td>40 MW</td>
<td>400 MW</td>
</tr>
<tr>
<td>% owned / operated</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>100 / 0</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>50 / 100</td>
<td>100 / 100</td>
</tr>
<tr>
<td>Location</td>
<td>Campbell River, BC</td>
<td>Tumbler Ridge, BC</td>
<td>BC</td>
<td>BC</td>
<td>Counties of Norfolk and Haldimand, Ontario</td>
<td>Goderich, Ontario</td>
<td>Township of King, Ontario</td>
</tr>
<tr>
<td>PPA Expiry</td>
<td>2022</td>
<td>2037</td>
<td>2028</td>
<td>2028</td>
<td>2033</td>
<td>2026 / 2027</td>
<td>2032</td>
</tr>
</tbody>
</table>
### Summary of assets

<table>
<thead>
<tr>
<th></th>
<th>Roxboro</th>
<th>Southport</th>
<th>Macho Springs</th>
<th>Beaufort Solar</th>
<th>Decatur</th>
<th>Bloom Wind</th>
<th>Arlington Valley</th>
<th>New Frontier Wind</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>46 MW</td>
<td>88 MW</td>
<td>50 MW</td>
<td>15 MW</td>
<td>795 MW</td>
<td>178 MW</td>
<td>580 MW</td>
<td>99 MW</td>
</tr>
<tr>
<td>% owned / operated</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>100 (sale &amp; leaseback) / 100</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>100 / 100</td>
<td>100 / 100</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Roxboro, North Carolina</td>
<td>Southport, North Carolina</td>
<td>Luna County, New Mexico</td>
<td>Beaufort County, North Carolina</td>
<td>Decatur, Alabama</td>
<td>Ford and Clark Counties, Kansas</td>
<td>Phoenix, Arizona</td>
<td>McHenry County, North Dakota</td>
</tr>
<tr>
<td><strong>Fuel &amp; equipment</strong></td>
<td>Mixture of wood residuals, tire-derived fuel and coal</td>
<td>Mixture of wood residuals, tire-derived fuel and coal</td>
<td>Vestas wind turbines</td>
<td>Solar</td>
<td>Natural gas (Combined cycle; 3X1 CCGT Siemens 501FD2 combustion turbines)</td>
<td>Vestas wind turbines</td>
<td>Natural gas (two GE 7FA combustion turbines)</td>
<td>Vestas wind turbines</td>
</tr>
<tr>
<td><strong>PPA Expiry</strong></td>
<td>2021</td>
<td>2021</td>
<td>2031</td>
<td>2030</td>
<td>2022</td>
<td>2027</td>
<td>2025</td>
<td>2030</td>
</tr>
</tbody>
</table>
# Projects under development / construction

<table>
<thead>
<tr>
<th></th>
<th>Alberta Commercial</th>
<th>Alberta Contracted</th>
<th>U.S. Contracted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Genesee 4&amp;5</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>Up to 1,060 MW</td>
<td>201.6 MW</td>
<td>150 MW</td>
</tr>
<tr>
<td><strong>% owned / operated</strong></td>
<td>50 / 100</td>
<td>100 / 100</td>
<td>100 / 100</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Warburg</td>
<td>Medicine Hat</td>
<td>McDonough / Warren Counties, Illinois</td>
</tr>
<tr>
<td><strong>Fuel &amp; equipment</strong></td>
<td>Combined-cycle natural gas (Mitsubishi J-Class natural gas turbine technology)</td>
<td>Wind</td>
<td>Wind (technology to be determined)</td>
</tr>
<tr>
<td><strong>Expected Commercial Operations</strong></td>
<td>To be determined</td>
<td>Q4 2019</td>
<td>March 2020</td>
</tr>
<tr>
<td><strong>PPA Expiry</strong></td>
<td>8-year tolling arrangement with ENMAX for 50% of Capital Power’s share of the output.</td>
<td>20-year contract-for-differences structured contract</td>
<td>12-year fixed price contract</td>
</tr>
<tr>
<td><strong>Expected Capital Cost</strong></td>
<td>$1.4B for total project (excluding interest during construction and refundable transmission system contribution payments)</td>
<td>$315M to $325M</td>
<td>$289M to $301M</td>
</tr>
</tbody>
</table>
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, and gains or losses on disposals (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 February 15, 2019 for 2018, which is available under the Company’s profile on SEDAR at SEDAR.com and on the Company’s website at capitalpower.com.
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 includes expectations regarding:
• future revenues, expenses, earnings 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 phase 1 of the Whitla Wind project, and the Cardinal Point Wind project)
• facility availability and planned outages,
• capital expenditures for facility maintenance and other (sustaining capital, future growth projects),
• the impact of the transition to a capacity market on the Company’s future growth projects including the Genesee 4 and 5 project,
• expectations pertaining to the financial impacts of the acquisition of Arlington Valley, including the impacts to adjusted funds from operations, adjusted funds from operations per share and adjusted EBITDA,
• re-contracting of the Arlington Valley facility,
• expectations around the Line Loss Rule Proceeding including timing of retrospective loss factors being finalized, participation in applicable appeal processes, and potential impacts to the Company, and
• impacts of future IFRS standards and amendments.

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. The material factors and assumptions used to develop these forward-looking statements relate to:
• electricity and other energy 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, and
• other matters discussed under the Performance Overview and Outlook and Targets for 2019 sections of the Company’s MD&A for the fourth quarter of 2018, and
• anticipated performance of the acquired Arlington Valley facility.

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, market structure and tax legislation,
• generation facility availability and performance including maintenance of equipment,
• 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 Arlington Valley acquisition,
• limitations inherent in the Company’s review of acquired assets, and
• changes in general economic and competitive conditions.

See Risks and Risk Management in the Company’s December 31, 2018 annual MD&A 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.
Common Shares

- **TSX Symbol**: CPX
- **S&P/TSX Index Inclusions**: Composite, Canadian Dividend Aristocrats, Small Cap, Capped Utilities
- **Market Cap**: $3.2 billion
- **Shares Outstanding**: 102 million shares
- **Average Daily Trading Volume**: 475,000

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