Capital Power overview

- IPP with ownership interest in 17 facilities in Canada and the US totaling more than 3,200 MW\(^1\)
- Capital Power builds, owns and operates power plants
- Substantial growth in contracted operating margins expected to significantly cover financial obligations and growing dividends in 2015 & beyond
- Strong contracted cash flow base supports annual dividend growth\(^2\) (recently announced a 7.4% increase to $1.46/share annualized effective Q3/15)
- Well-positioned to weather bottom of Alberta power market cycle with significant % of merchant cash flows hedged in the near term
- TSX (CPX); market cap of $2.2B\(^3\); average daily trading 430K\(^3\) shares

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1) Based on MW owned capacity as of Jul 31/15; excludes Sundance PPA (371 MW).
2) Subject to Board approval.
3) Market capitalization as of July 31/15. Average daily trading volume on all stock exchanges for the 1-year period ended July 31/15.
Capital Power’s value proposition

- Growth
- Alberta Power Market Upside
- Contracted Cash Flows
- Strong Financial Base
- Operational Excellence

Foundation
Modern fleet

*Helps keep availability high and reduces risk of unplanned outages*

- Average weighted facility age of the current fleet is 11.7 years\(^{(1)}\)
- Shepard and K2 Wind reached COD this year adding 490 MW to the fleet
- First solar project (Beaufort Solar) expected to be completed by year-end

### Facility Age and Remaining Life

<table>
<thead>
<tr>
<th>Facility</th>
<th>Average Age</th>
<th>Remaining Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Dover &amp; Nanticoke</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Halkirk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quality Wind</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macho Springs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K2 Wind</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kingsbridge 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shepard Energy Centre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clover Bar Unit 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clover Bar Unit 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clover Bar Unit 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Island Generation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joffre</td>
<td>11.7 years</td>
<td>28 years</td>
</tr>
<tr>
<td>Southport</td>
<td>11.7 years</td>
<td>28 years</td>
</tr>
<tr>
<td>Roxboro</td>
<td>11.7 years</td>
<td>28 years</td>
</tr>
<tr>
<td>Keephills 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genesee 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genesee 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genesee 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\(^{(1)}\) Average facility age and remaining life weighted by owned capacity as of July 31/15.
Proven track record of high fleet availability

*Plant availability consistently 90%+ in past 6 years*

![Graph showing generation and average plant availability from 2009 to 2015T.](image)
Excellent track record of development

Outstanding track record of completing 7 construction projects (supercritical coal, natural gas, wind) totaling 1,691 MW

<table>
<thead>
<tr>
<th>Asset</th>
<th>Capacity / fuel</th>
<th>On-time</th>
<th>On-budget</th>
<th>In-Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Genesee 3 (AB)</td>
<td>516 MW / coal</td>
<td>√</td>
<td>+</td>
<td>2005</td>
</tr>
<tr>
<td>Kingsbridge 1 (ON)</td>
<td>40 MW / wind</td>
<td>√</td>
<td>√</td>
<td>2006</td>
</tr>
<tr>
<td>Clover Bar Energy Centre (AB)</td>
<td>243 MW / gas</td>
<td>+</td>
<td>√</td>
<td>2009</td>
</tr>
<tr>
<td>Keephills 3 (AB)</td>
<td>495 MW / coal</td>
<td>-</td>
<td>-</td>
<td>2011</td>
</tr>
<tr>
<td>Halkirk (AB)</td>
<td>150 MW / wind</td>
<td>√</td>
<td>+</td>
<td>2012</td>
</tr>
<tr>
<td>Quality Wind (BC)</td>
<td>142 MW / wind</td>
<td>√</td>
<td>+</td>
<td>2012</td>
</tr>
<tr>
<td>Port Dover &amp; Nanticoke (ON)</td>
<td>105 MW / wind</td>
<td>√</td>
<td>+</td>
<td>2013</td>
</tr>
</tbody>
</table>

√ Met expectations at full notice to proceed
+ Better than expected
- Worse than expected

1) Joint venture with TransAlta Corporation; each party has a 50% ownership interest.
Capital Power is the leading developer in the AB market

Generation built in Alberta since 2004

1) Includes Shepard Energy Centre and excludes generation for oilsand developments and coal-fired unit expansions.
Financial strength

Strong balance sheet and investment grade credit rating

- Investment grade credit ratings
- Debt-to-capital ratio remains below long-term target of 40% - 50%

<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 / Pfd-3 (low)</td>
<td>Stable</td>
</tr>
</tbody>
</table>

Debt to total capitalization

- Long-term target 40% - 50%

Corporate Liquidity

1) December 31, 2014 forward-looking estimate.
Credit metrics

Above DBRS financial criteria for current rating

Adj. Cash flow/Adj. Debt

Above DBRS financial criteria for current rating

EBITDA/Adj. Interest

Within S&P financial criteria for investment grade rating

Adj. FFO/Adj. Debt

Within S&P financial criteria for investment grade rating

Adj. Debt/Adj. EBITDA

1) Metrics applicable to Capital Power L.P.
2) Based on S&P’s weighted average ratings methodology.

Strong financial base
Continued strong cash flow generation

**Funds from operations (FFO)**

- Cash flow expected to increase ~8% in 2015
- ~40% of 2015 FFO is discretionary cash flow (DCF)
- At the mid-point of guidance range, generating ~$200M in cash flow before growth capex to reinvest in the business at the bottom of the Alberta power market cycle

---

1) 2015 FFO target represents the mid-point of $365 - $415M guidance range.
2) Discretionary cash flow (DCF) is a non-GAAP financial measure. DCF = FFO - sustaining capex - total common and preferred share dividends and CPLP distributions.
Improving contracted cash flow\(^{(1,2)}\)

Substantial expansion in contracted operating margin from 2012 to 2016

1) Margins have been averaged over the periods except in the year of commissioning.
2) Only includes contracted portions of Halkirk and Shepard plants.
Strong financial coverage

Contracted operating margin to financial obligations\(^{(1)}\) and dividends\(^{(2)}\)

- With addition of Shepard and K2 Wind in 2015, substantial expansion in our contracted operating margin
- Annual dividend growth of 10 cents in 2014 (7.9%) and 2015 (7.4%) supported by growing contracted cash flows
- Expect significant coverage (including assumption of consistent dividend growth) in 2015 and beyond

Well positioned for consistent dividend growth

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1) Based on existing plants plus committed development projects. Financial obligations include interest payments (including interest during construction), sustaining capital expenditures and general & administration expenses.
2) Dividends include common and preferred dividends. Assumes consistent dividend growth in 2015-17 subject to Board approval.
Dividend increase

A 10 cents per share increase (7.4%) to the annual dividend

- Effective with Q3/15, quarterly dividend increased 7.4% to $0.365 from $0.34 per share
- Contracted cash flow base has grown significantly with the recent additions of Shepard and K2 Wind in 2015
- Dividend increase based on Company’s confidence in its growing and sustainable cash flows from a solid base of contracted assets

Well positioned to consistently increase the dividend while also investing in growth opportunities

(1) 2013 and 2014 annualized dividend based on year-end quarterly dividend amount.
(2) Subject to Board approval.
(1) Growing contracted cash flow base supports dividend growth

(2) Well positioned to fund or partially fund any new significant growth opportunities in the near term with discretionary cash flow

(3) Active in debt reduction and share buyback absent an acquisition or development project

- Recently reduced debt by $75M
- Normal Course Issuer Bid (NCIB) approved in Apr/15 to purchase up to 5M common shares over a 1-year period (repurchased 1.6M shares as of June 30/15)
Oil & gas development drives load growth in Alberta

- Alberta demand growing modestly in new oil price environment
- 2015 year-to-date load growth of 1.5%
- Long term fundamentals remain strong

Alberta Load Growth & West Texas Intermediate (1)

(1) Alberta Internal Load normalized for weather
Source: CPC, EIA
Retirements under the federal Capital Stock Turnover (CST) regulations

Alberta coal generation (MW)

<table>
<thead>
<tr>
<th>Facility</th>
<th>Generation Capacity (MW)</th>
<th>End of Life (Final Regulations)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battle River 3</td>
<td>149</td>
<td>2019</td>
</tr>
<tr>
<td>Sundance 1</td>
<td>288</td>
<td>2019</td>
</tr>
<tr>
<td>H.R. Milner</td>
<td>144</td>
<td>2019</td>
</tr>
<tr>
<td>Sundance 2</td>
<td>288</td>
<td>2019</td>
</tr>
<tr>
<td>Battle River 4</td>
<td>155</td>
<td>2025</td>
</tr>
<tr>
<td>Sundance 3</td>
<td>362</td>
<td>2026</td>
</tr>
<tr>
<td>Sundance 4</td>
<td>406</td>
<td>2027</td>
</tr>
<tr>
<td>Sundance 5(1)</td>
<td>406</td>
<td>2028</td>
</tr>
<tr>
<td>Sundance 6(1)</td>
<td>401</td>
<td>2029</td>
</tr>
<tr>
<td>Battle River 5</td>
<td>385</td>
<td>2029</td>
</tr>
<tr>
<td>Keephills 1</td>
<td>387</td>
<td>2029</td>
</tr>
<tr>
<td>Keephills 2</td>
<td>406</td>
<td>2029</td>
</tr>
<tr>
<td>Sheerness 1</td>
<td>390</td>
<td>2036</td>
</tr>
<tr>
<td>Genesee 2(2)</td>
<td>430</td>
<td>2039</td>
</tr>
<tr>
<td>Sheerness 2</td>
<td>390</td>
<td>2040</td>
</tr>
<tr>
<td>Genesee 1(2)</td>
<td>430</td>
<td>2044</td>
</tr>
<tr>
<td>Genesee 3(2)</td>
<td>516</td>
<td>2055</td>
</tr>
<tr>
<td>Keephills 3(2)</td>
<td>495</td>
<td>2061</td>
</tr>
</tbody>
</table>

1) Capital Power holds the PPA (371 MW) for Sundance Units 5 & 6 until PPA expiry in 2020.
2) Represents units that Capital Power has ownership in.
Alberta Energy Prices

1) Forecasts represents the average forecast from three leading 3rd party consulting firms.
Changes to AB’s emissions regulations

- Specified Gas Emitters Regulation (SGER) in Alberta requires facilities that emit 100,000 tonnes or more of greenhouse gases per year to reduce emissions intensity by a specific target.

- Alberta Government announced on June 25 changes to SGER:

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissions intensity reduction</td>
<td>12%</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>Alberta “Tech Fund” compliance costs (per tonne)</td>
<td>$15</td>
<td>$20</td>
<td>$30</td>
</tr>
</tbody>
</table>

- Between 2016-2020, Capital Power’s increase in compliance costs will be partly mitigated by higher wholesale power prices directly caused by the new regulations.

- Company has a significant inventory of low-cost carbon offset credits that have been developed over the past 8 years, which are expected to offset the balance of the compliance costs through 2020.
Diverse generation fleet in Alberta
Well positioned to capture value in Alberta’s merchant market

Expected AB power generation stack for 2015(1)

<table>
<thead>
<tr>
<th>Technology</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>20%</td>
</tr>
<tr>
<td>Gas mid-merit</td>
<td>34%</td>
</tr>
<tr>
<td>Gas peaking</td>
<td>30%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
</tr>
<tr>
<td>Coal</td>
<td>20%</td>
</tr>
<tr>
<td>Gas mid-merit</td>
<td>34%</td>
</tr>
<tr>
<td>Gas peaking</td>
<td>30%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
</tr>
</tbody>
</table>

1) Capital Power’s expected percentages reflect ownership interest and excludes Sundance PPA. Source: AESO

**Clover Bar Energy Centre**
- Most responsive peaking facility in the AB market
- Captures peak pricing, backstops position

**Shepard Energy Centre**
- 50% JV interest in 800 MW natural gas combined cycle facility
- 50% of Capital Power’s capacity under 20-year PPA
- Most effective gas facility, with lowest heat rate

**Joffre Cogen**
- 192 MW capacity from jointly-owned mid-merit natural gas combined cycle facility

**Genesee 1, 2, 3; Keephills 3**
- G1 & 2 provides 860 MW of low cost baseload coal under PPA through 2020
- G3 and K3 provides 516 MW of merchant capacity from jointly-owned and operated plants. Cleanest coal units in Canada with the longest average life remaining of 43 years.

**Halkirk Wind**
- One of the largest wind farms in AB; provides Renewable Energy Credits into California market under long term contract
- Unique geographical location provides greater captured price
AB commercial portfolio positions

Alberta portfolio hedged positions (% sold forward)

<table>
<thead>
<tr>
<th>As of Jun 30/15</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage sold forward(^{(1)})</td>
<td>86%</td>
<td>25%</td>
</tr>
<tr>
<td>Average contracted prices(^{(2)}) ($/MWh)</td>
<td>High-$40</td>
<td>High-$50</td>
</tr>
</tbody>
</table>

1) Based on the Alberta baseload plants and the acquired Sundance PPA plus a portion of Joffre and the uncontracted portion of Shepard Energy Centre baseload.
2) The forecast average contracted prices may differ significantly from the future average realized prices as the hedged and unhedged positions have a varying mix of differently priced blocks of power.

Well positioned to weather the bottom of the power market cycle with a significant % of merchant cash flows hedged in the near-term
Alberta power market trading

- Portfolio optimization activities focused on managing exposure to commodity risks, reducing volatility and creating incremental value.

Average realized power price has exceeded spot power prices by 19% on average over the past 5.5 years.
Financial obligations & dividends significantly covered by contracted cash flow

Operating margin\(^1\) to financial obligations\(^2\) and dividends\(^3\)

<table>
<thead>
<tr>
<th>Year</th>
<th>Minimum Alberta power price required to cover financial obligations and dividends(^3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015F</td>
<td>$0/MWh</td>
</tr>
<tr>
<td>2016F</td>
<td>$0/MWh</td>
</tr>
<tr>
<td>2017F</td>
<td>$31/MWh</td>
</tr>
</tbody>
</table>

1) Merchant margin is calculated using $40/MWh and $70/MWh and is based on hedged position as at June 30, 2015.
2) Based on existing plants plus committed development projects. Financial obligations include interest payments (including interest during construction), sustaining capital expenditures and general & administration expenses.
3) Dividends include common and preferred dividends. Assumes consistent dividend growth in 2015-17.
Growth opportunities in Canada
Natural gas and wind development sites

- Wind
- Natural Gas
Genesee 4&5

- Joint venture partners with ENMAX to develop, construct, own, and operate the 1,060 MW natural gas-fired combined cycle facilities
- 8-year tolling agreement with ENMAX for 50% of CP’s share of the output
- All major regulatory approvals received to proceed with construction; Capital Power will lead the construction project and be the operator
- Executed agreements with Mitsubishi Hitachi for supply and maintenance of the world’s most advanced J-Class natural gas turbine technology in commercial operation in a two train 1-on-1 configuration
- Targeting 2019 commercial operations date for Genesee 4
- Total project capital cost is $1.4B excluding IDC and refundable transmission system contribution payments
- Expected unlevered after-tax IRR of approximately 11% and will be accretive to earnings and cash flow
Growth opportunities in the U.S.
Natural gas and renewable development sites
In Dec/14, completed the acquisition of Element Power US for ~US$69M (includes US$52M of project financing)

Primary driver for the acquisition was to build a portfolio of development projects in strategic locations in the U.S.

- 10 wind development sites
- 4 solar development sites, including Beaufort Solar that has a 15 MW solar contract with Duke Energy Progress, Inc.

Includes Macho Springs, a 50 MW operating wind project in Luna County, New Mexico

- COD in Nov 2011
- 20-year PPA with Tucson Electric Power; 100% contracted through 2031
- Tax Equity and Term Loan with MetLife
## Element Power US – strategic fit

<table>
<thead>
<tr>
<th>Market</th>
<th>Strategy</th>
<th>Element Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPP</td>
<td>• Strong wind regime</td>
<td>• 200 MW wind project in Kansas</td>
</tr>
<tr>
<td></td>
<td>• Adjacent to transmission build-out</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Affordable land positions</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Low construction cost</td>
<td></td>
</tr>
<tr>
<td>Upper Midwest</td>
<td>• Coal dependency</td>
<td>• 99 MW wind project in North Dakota</td>
</tr>
<tr>
<td></td>
<td>• Strong wind regime</td>
<td>• 100 MW wind project in North Dakota</td>
</tr>
<tr>
<td></td>
<td>• Affordable land positions</td>
<td>• 150 MW wind project in Illinois</td>
</tr>
<tr>
<td></td>
<td>• Low construction cost</td>
<td>• 182 MW wind project in Ohio</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 200 MW wind project in Iowa</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 60 MW wind project in Michigan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 200 MW wind project in Wisconsin</td>
</tr>
<tr>
<td>SERC</td>
<td>• Coal dependency</td>
<td>• 15 MW solar project in North Carolina</td>
</tr>
<tr>
<td></td>
<td>• Large land positions in agricultural areas</td>
<td>• 2 x 29 MW solar projects in Georgia</td>
</tr>
</tbody>
</table>
Beaufort Solar

- Construction underway on the 15 MW solar project in North Carolina, U.S.
- Fully contracted facility with a 15-year PPA with Duke Energy
- Commercial operations date (COD) targeted for Dec/15
- Sale leaseback structure; sell to tax equity investor at COD in exchange for lease payments

Capital Power’s first solar project
Financial outlook

- Average Alberta power price of $43/MWh in first half of 2015, consistent with our original forecast assumption of $44/MWh
- At the beginning of the year, Alberta baseload position for 2015 was significantly hedged in the mid-$50/MWh
- No change to revised FFO guidance; expect 2015 FFO in the lower end of $365M to $415M guidance range
- Company’s financial strength is based on the foundation of strong contracted cash flow which is not significantly impacted by changing Alberta power prices – remain confident in our credit rating and dividend growth outlook

Based on year-to-date results and expectations for balance of the year, outlook has modestly improved
2015 YTD performance versus annual targets

**Operational and financial targets**

**Plant availability**
- 2015 YTD: 94%
- Target: 94%

**Plant operating & maintenance expenses**
- 2015 YTD: $92M
- Target: $180 - $200M

**Sustaining capex**
- 2015 YTD: $35M
- Target: $65M

**Funds from operations**
- 2015 YTD: $178M
- Target: $365 - $415M

**Outlook**

On-track to meet 2015 targets
Why invest in Capital Power

**Strong contracted cash flow growth supports annual dividend growth**

**Operational excellence**
- Excellent assets in good markets with solid operating performance
- On-going improvements to operating cost base, fleet availability and risks

**Contracted cash flows**
- Substantial growth in contracted operating margins expected to significantly cover financial obligations and growing dividends in 2015 and beyond
- Supports consistent annual dividend growth\(^{(1)}\)

**Alberta power market upside**
- Own the best fleet in the best merchant power market in North America
- Well positioned to weather the bottom of the power market cycle; significant % of merchant cash flows hedged in the near-term

**Growth**
- Genesee 4&5 best positioned to be the next large natural gas-fired generation project to be built in Alberta
- Strong pipeline of contracted growth opportunities in North America

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\(^{(1)}\) Subject to Board approval.
Alberta power market

- Competitive wholesale and retail energy market
- Installed generation capacity of 16 GW
- Entire province is a single zone where power prices are determined by the bid price of the incremental power generator – no capacity market
- Well functioning and stable market design
- Alberta continues to experience moderate load growth
- Legislated retirement dates for coal fired plants
- Approximately 600 MW of generation projects under construction that are expected to connect to the grid by end of 2015

1) AESO Long Term Adequacy Metrics, May 2015
Alberta generation and load mix

Current installed generation\(^1\)
(MW and % of installed capacity)

- Coal: 6,271 MW (39%)
- Cogen: 4,483 MW (28%)
- Gas-Fired: 2,660 MW (16%)
- Hydro: 894 MW (6%)
- Wind: 1,434 MW (9%)
- Biomass/Other: 409 MW (3%)

Generation mix outlook in 2034\(^2\)

- Coal: 2,509 MW (10%)
- Cogen: 6,737 MW (27%)
- Gas-Fired: 11,270 MW (45%)
- Wind: 2,679 MW (11%)
- Hydro: 894 MW (4%)
- Biomass/Other: 864 MW (3%)

Gas-fired and Cogen account for 44% of current generation, which is expected to increase to 72% in the next two decades primarily from the retirement of coal-fired units

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1) Source: AESO 2014 Market Statistics
2) Source: AESO 2014 Long Term Outlook
Alberta demand by end use

2013 Demand by end use

- Industrial: 45%
- Oilsands: 19%
- Residential: 13%
- Commercial: 20%
- Farm: 3%

2034 Demand by end use

- Industrial: 40%
- Oilsands: 29%
- Residential: 11%
- Commercial: 19%
- Farm: 1%

Demand from Industrial and Oilsands account for 64% of current demand, that is expected to grow to 69% in 2034

1) Source: AESO 2014 Long Term Outlook (May 2014)
Historical Alberta prices

Daily average power prices

Annual average power prices and AECO
(Annual power prices have averaged $65/MWh in the past 14 years)
Alberta market design

Stable market design has signalled the addition of 7 GW of new generation

1) Source: AESO
Alberta power market summary

Alberta’s market design framework

- Has attracted continued investment by various parties for different fuel types
- Ensures investment risk is borne by investors and not ratepayers/taxpayers
- Provides participants with options and choices for managing their commodity price risk

Capital Power believes Alberta’s market design is sustainable and will continue to attract investment

- No major market reforms required
- Effective implementation of existing policy directives, particularly new transmission development

“...analysis confirms that, from a resource adequacy and generation investment perspective, the Alberta electricity market is generally well functioning based on current market conditions and policies. The current market design should be able to address the identified resource adequacy challenges and there is no compelling or immediate need for major design changes to address these challenges.” (The Brattle Group, Inc., Mar/13)
## CST and CASA framework

<table>
<thead>
<tr>
<th>Capital Stock Turnover (CST) (CO(_2))</th>
<th>Clean Air Strategic Alliance (CASA) (NO(_x) and SO(_2))</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Limits unscrubbed coal-fired plant life to 45-50 years</td>
<td>▪ Compliance through meeting physical BATEA(^{(1)}) or use of credits to financially comply 41(^{st}) to 50(^{th}) years</td>
</tr>
</tbody>
</table>
| ▪ Unit Commercial Operation Date (COD) year  
  • End of Life COD prior to 1975 = earlier of 50 years or 2019  
  • COD in or after 1975 but before 1986 = earlier of 50 years or 2029  
  • COD in or after 1986 = 50 year life or end of PPA | ▪ BATEA limit  
  • SO\(_2\) = 0.65 kg/MWh  
  • NO\(_x\) = 0.47 kg/MWh |
| ▪ All Capital Power coal assets given 50 year-life | ▪ Credits must be sourced from same sector |
| ▪ Keephills 2 and Keephills 1 only received 45, 46 year-life | ▪ Current emission levels from sub-critical units  
  • SO\(_2\) = 1.7 to 6.8 kg/MWh  
  • NO\(_x\) = 1.6 to 2.5 kg/MWh |

1) BATEA: Best available technology economically achievable
Debt maturity schedule \(^{(1)}\)

$1.0B in credit facilities with 5-year tenor maturing 2020, of which $800M is available

Well spread-out debt maturities are supported by long asset lives

1) As of June 30, 2015, excludes non recourse debt (CAD $26M for Joffre and USD $63M for Macho Springs).
2) Callable debt, however does not mature until 2016 ($139M), 2017 ($10M), and 2018 ($174M).
## Summary of assets

<table>
<thead>
<tr>
<th>Alberta Contracted</th>
<th>Alberta Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>430 MW</td>
</tr>
<tr>
<td><strong>% owned / operated</strong></td>
<td>100 / 100</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Warburg</td>
</tr>
<tr>
<td><strong>Fuel &amp; equipment</strong></td>
<td>Coal (50% ownership of coal mine)</td>
</tr>
<tr>
<td><strong>PPA Expiry</strong></td>
<td>2020</td>
</tr>
<tr>
<td></td>
<td>Kingsbridge Generation</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>40 MW</td>
</tr>
<tr>
<td><strong>% owned / operated</strong></td>
<td>100 / 100</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Goderich, Ontario</td>
</tr>
<tr>
<td><strong>Fuel &amp; equipment</strong></td>
<td>Vestas wind turbines</td>
</tr>
<tr>
<td><strong>PPA Expiry</strong></td>
<td>2026 / 2027</td>
</tr>
</tbody>
</table>
### Projects under development/construction

<table>
<thead>
<tr>
<th>Beaufort Solar</th>
<th>Genesee 4&amp;5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>U.S. Contracted</td>
</tr>
<tr>
<td></td>
<td>15 MW</td>
</tr>
<tr>
<td><strong>% owned / operated</strong></td>
<td>100 / 100</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Beaufort County, North Carolina</td>
</tr>
<tr>
<td><strong>Fuel &amp; equipment</strong></td>
<td>Solar</td>
</tr>
<tr>
<td><strong>Commercial Operations</strong></td>
<td>Expected Dec, 2015</td>
</tr>
<tr>
<td><strong>PPA Expiry</strong></td>
<td>15-year PPA with Duke Energy</td>
</tr>
<tr>
<td><strong>Expected Capital Cost</strong></td>
<td>Approximately US$32-$35M</td>
</tr>
</tbody>
</table>
The Company uses (i) earnings before finance expense, income tax expense, depreciation and amortization, impairments, foreign exchange gains or losses, and gains on disposals (adjusted EBITDA), (ii) funds from operations (FFO), (iii) normalized earnings attributable to common shareholders, and (iv) 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 contained in the Company’s Management’s Discussion and Analysis prepared as of July 24, 2015 for the quarter ended June 30, 2015, 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 funds from operations,
- the future pricing of electricity and market fundamentals in existing and target markets,
- 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
- plant availability and planned outages,
- capital expenditures for plant maintenance and other, and,
- future income taxes payable.

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 prices,
- performance,
- business prospects 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 2015 sections in the Company’s Q2/15 MD&A.

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,
- power plant 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, and
- changes in general economic and competitive conditions.

See Risks and Risk Management in the Q2/15 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 date made. 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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