Fourth Quarter and Full Year 2016 Earnings Conference Call

March 3, 2017
FORWARD-LOOKING STATEMENTS

Certain written and oral statements contained in this presentation and discussion are forward-looking within the meaning of certain securities laws and reflect the views of Algonquin Power & Utilities Corp. (the “Company”) with respect to future events, based upon assumptions relating to, among others, the performance of the Company's assets and the business, financial and regulatory climates in which it operates. These forward looking statements include, among others, statements with respect to the expected performance of the Company, its future plans and its dividends to shareholders.

Since forward-looking statements relate to future events and conditions, by their very nature they require us to make assumptions and involve inherent risks and uncertainties. We caution that although we believe our assumptions are reasonable in the circumstances, these risks and uncertainties give rise to the possibility that our actual results may differ materially from the expectations set out in the forward-looking statements. Material risk factors include those presented in the Company’s annual financial results, the annual information form and most recent quarterly commentary. Given these risks, undue reliance should not be placed on forward-looking statements, which apply only as of their dates. Except as required by law, the Company does not intend to update or revise any forward-looking statements, whether as a result of new information, future developments or otherwise.

NON-GAAP FINANCIAL MEASURES

The terms “adjusted net earnings”, “adjusted earnings before interest, taxes, depreciation and amortization” (“Adjusted EBITDA”), “adjusted funds from operations”, “per share cash provided by adjusted funds from operations”, “per share cash provided by operating activities”, "net energy sales", and "net utility sales", (together the “Financial Measures”) may be used in this presentation. The Financial Measures are not recognized measures under GAAP. There is no standardized measure of the Financial Measures, consequently APUC’s method of calculating these measures may differ from methods used by other companies and therefore may not be comparable to similar measures presented by other companies. A calculation and analysis of the Financial Measures can be found in APUC’s most recent Management Commentary. Per share cash provided by operating activities is not a substitute measure of performance for earnings per share. Amounts represented by per share cash provided by operating activities do not represent amounts available for distribution to shareholders and should be considered in light of various charges and claims against APUC.
Agenda

- Introductory Remarks
  - Chris Jarratt
  - Vice Chairman
  - Algonquin Power and Utilities Corp.

- 2016 Strategic Achievements
  - Ian Robertson
  - Chief Executive Officer
  - Algonquin Power and Utilities Corp.

- 2016 Financial Highlights
  - David Bronicheski
  - Chief Financial Officer
  - Algonquin Power and Utilities Corp.

- 2017 Outlook
  - Ian Robertson
  - Chief Executive Officer
  - Algonquin Power and Utilities Corp.
2016 Key Takeaways

Delivered strong financial results

- Adjusted EBITDA\(^1\) - 27% Y-O-Y increase
- Adjusted EPS\(^1\) - 24% Y-O-Y increase
- Asset growth - 65% Y-O-Y increase
- Dividend increase aligned with our 10% growth target

Further diversification and scale

- Added 312,000 new utility customers
- Seamless addition of Empire operations
- Commissioned 360 MW net generation capacity
- Dual-listed of common shares commenced trading on NYSE under symbol “AQN”

Re-affirmed our strong growth trajectory

- 700 MW Safe Harbor Turbines investment potential
- Organic investment in utilities system improvements
- Customer growth through accretive acquisitions

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1. Please see Disclaimer on Non-GAAP Financial Measures on page 2 of this presentation.
### New Generation - Diverse by Location and Modality

<table>
<thead>
<tr>
<th></th>
<th>MW</th>
<th>Annual Production (GWh)</th>
<th>PPA Term (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odell Wind</td>
<td>200</td>
<td>831.8</td>
<td>20</td>
</tr>
<tr>
<td>Deerfield Wind</td>
<td>150</td>
<td>555.2</td>
<td>20</td>
</tr>
<tr>
<td>Bakersfield II Solar</td>
<td>10</td>
<td>24.2</td>
<td>20</td>
</tr>
</tbody>
</table>

In millions of Canadian dollars unless otherwise noted.

- Odell Wind • 200 MW COD: July 29, 2016
- Deerfield Wind • 150 MW COD: Feb 21, 2017
- Bakersfield II Solar • 10 MW COD: Jan 11, 2017
### Financial Performance

In millions of Canadian dollars or on a per share basis unless otherwise noted (Unaudited)

<table>
<thead>
<tr>
<th></th>
<th>Quarterly</th>
<th>Annual</th>
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<tbody>
<tr>
<td></td>
<td>Quarter ended Dec. 31</td>
<td>Year ended Dec. 31</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>2015</td>
</tr>
<tr>
<td>Adjusted EBITDA(^1)</td>
<td>138.3</td>
<td>109.6</td>
</tr>
<tr>
<td>Adjusted net earnings(^1)</td>
<td>51.4</td>
<td>39.7</td>
</tr>
<tr>
<td>Per share</td>
<td>0.18</td>
<td>0.15</td>
</tr>
<tr>
<td>AFFO(^1)</td>
<td>95.8</td>
<td>77.2</td>
</tr>
<tr>
<td>Per share(^1)</td>
<td>0.34</td>
<td>0.30</td>
</tr>
<tr>
<td>Dividend per share</td>
<td>0.14</td>
<td>0.13</td>
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New renewable energy facilities coupled with successful utility rate case outcomes fueled 2016 growth

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\(^1\) Please see Disclaimer on Non-GAAP Financial Measures on page 2 of this presentation.
Key Financing Accomplishments

**Empire Financing Plan**
Complete

- Received Final Instalment of C$1.15 B convertible debentures
- Over 99% of convertible debentures converted to equity
- All existing Empire debt assumed on existing terms
- Successful Liberty Utilities U.S. $750 million notes financing

**U.S. $750 million Liberty Utilities notes financing**

- Agreement with a broad syndicate of U.S. institutions for issuance of senior unsecured notes
- Weighted average tenor of 15 years, weighted average effective interest rate of 3.6%
- Closing of notes expected before the end of March 2017

**C$300 million Algonquin Power Co. Bond Offering**

- Senior unsecured bonds issued to a broad syndicate of Canadian institutional investors
- Bond maturity 10 years, coupon 4.09%
Focus for 2017

- Deliver our 2017 capital programs on-time and on-budget

<table>
<thead>
<tr>
<th>Renewable Generation Group</th>
<th>CDN $millions</th>
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</thead>
<tbody>
<tr>
<td>Capital Project Investments</td>
<td>$540</td>
</tr>
<tr>
<td>Fleet Maintenance</td>
<td>$45</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liberty Utilities Group</th>
<th></th>
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<tbody>
<tr>
<td>Rate Base Investments</td>
<td>$450</td>
</tr>
<tr>
<td>Rate Base Maintenance</td>
<td>$165</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,200</strong></td>
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- Exploit and expand the Renewable Generation growth opportunity set

<table>
<thead>
<tr>
<th>Renewable Generation Group Initiatives</th>
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<tbody>
<tr>
<td><strong>Projects Under Construction</strong></td>
<td><strong>Projects Under Development</strong></td>
</tr>
<tr>
<td>75 MW Great Bay Solar</td>
<td>24 MW Val Éo Wind</td>
</tr>
<tr>
<td>75 MW Amherst Island Wind</td>
<td>177 MW Chaplin/Blue Hill Wind</td>
</tr>
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- Drive returns through timely rate cases within our Liberty Utilities Group
  - 2017 rate cases proceedings represent US$14.1 M requested increases
Q & A
CORPORATE INFORMATION

Head Office          Oakville, ON
Common Share Symbol  TSX and NYSE: AQN
Preferred Share Symbols  AQN.PR.A, AQN.PR.D
Shares Outstanding*  382,468,491
Dividend             U.S. $0.4659 per share annually
Price*               $12.17
Market Capitalization $4.65 Billion

* Shares outstanding as of Feb. 29, closing price (TSX) as of March 1, 2017

CONTACT INFORMATION

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