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BALLARD POWERED FUEL CELL ELECTRIC BUS ACHIEVES 25,000 HOURS OF REVENUE OPERATION

Ballard Power Systems (NASDAQ: BLDP; TSX: BLDP) today announced that a fuel cell electric bus powered by Ballard's FCveloCity®-HD6 fuel cells has achieved a new durability record with more than 25,000 hours of revenue service. This is equivalent to operating a bus on a 14-hour daily schedule, 5-days per week for 6.9 years with no significant maintenance to the fuel cell stack, a core engine component.

The bus – and several others nearing the 25,000-hour operating threshold – are part of a Transport for London fleet of 8 fuel cell buses, all powered by Ballard FCveloCity® engines. These buses, originally funded under the Clean Hydrogen in European Cities (CHIC) fuel cell bus program, have been carrying paying passengers on London's Tower Gateway route since 2010.

"The achievement of 25,000 hours of revenue service is an important industry and corporate milestone," said Rob Campbell, Ballard's Chief

Commercial Officer. "Zero-emission fuel cell propulsion systems for heavy duty vehicles such as transit buses have proven highly reliable in demanding applications. We are now moving into commercial scaling as market demand for fuel cell electric buses reaches an inflection point in key global markets. Ballard's cumulative learning through our unparalleled field experience is a major competitive differentiator."

Ballard's seven generations of FCveloCity® fuel cell engines have been deployed in buses in 15 countries on 5 continents during the past 10 years. Over this period Ballard has worked with 13 bus manufacturers to develop a variety of fuel cell bus configurations that have been deployed in a wide range of climatic conditions and operated under a host of demanding duty cycles. Ballard-powered fuel cell buses have now traveled more than 11 million kilometers (6.8 million miles) cumulatively in revenue service globally, equivalent to circling the globe 275 times.

Ballard is seeing increased market demand for FCveloCity® fuel cell engines of various sizes for use in a number of different vehicle types, including buses, trucks and rail. Fuel

cell electric buses manufactured and integrated by Ballard's partners and equipped with Ballard FCveloCity® engines typically offer a host of important attributes, including: 400 kilometer (250 mile) range between refuelings; Rapid refueling, typically about 7 minutes;

Improved fuel economy compared to diesel buses (1.5x) and CNG buses (more than 2x);

Route flexibility, with no need for en-route recharging, such as overhead catenary wiring; and

Reduced noise and smoother ride for improved passenger riding experience.

About Ballard Power Systems Ballard Power Systems (NASDAQ: BLDP; TSX: BLDP) provides clean energy products that reduce customer costs and risks, and helps customers solve difficult technical and business challenges in their fuel cell programs. To learn more about Ballard, please visit www.ballard.com.

This release contains forward-looking statements concerning anticipated product performance, customer benefits and market demand for our

products. These forward-looking statements reflect Ballard's current expectations as contemplated under section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Any such forward-looking statements are based on Ballard's assumptions relating to its financial forecasts and expectations regarding its product development efforts, manufacturing capacity, and market demand.

These statements involve risks and uncertainties that may cause Ballard's actual results to be materially different, including general economic and regulatory changes, detrimental reliance on third parties, successfully achieving our business plans and achieving and sustaining profitability. For a detailed discussion of these and other risk factors that could affect Ballard's future performance, please refer to Ballard's most recent Annual Information Form. Readers should not place undue reliance on Ballard's forward-looking statements and Ballard assumes no obligation to update or release any revisions to these forward looking statements, other than as required under applicable legislation.

This press release does not constitute

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an offer to sell or the solicitation of an offer to buy securities. The Ballard Common Shares have not been registered under the United States Securities Act of 1933, as amended, or the securities laws of any other jurisdiction and may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements.

SOURCE Ballard Power Systems Inc.

ATLANTIC POWER CORPORATION PROVIDES UPDATE ON CONTRACTUAL ARRANGEMENTS FOR NAVAL STATION AND NORTH ISLAND PROJECTS

Atlantic Power Corporation (NYSE: AT) (TSX: ATP) ("Atlantic Power" or the "Company") announced today that it recently received notification from the U.S. Navy that proposals involving the Company's Naval Station and North Island projects were not selected in the final round of the Navy's solicitation for energy security and resiliency at the two naval bases in San Diego on which these projects are located.

Naval Station, North Island and Naval Training Center ("NTC") sell power to San Diego Gas & Electric ("SDG&E") under Power Purchase Agreements ("PPAs") that are scheduled to expire in December 2019. In addition, the three projects supply steam to the Navy under agreements that provide the Company with the right to use the property at the respective sites on which each project is located (the "Navy agreements"). The Navy agreements are scheduled to expire in February 2018. A successful outcome in the Navy solicitation would have provided the Company with the right to use the Naval Station and North Island sites beyond that date ("site control"). The timing and final arrangements for decommissioning the sites have not been determined.

Following notification of the outcome of the Navy solicitation, the Company undertook an evaluation of the carrying values of the long-lived assets, which include intangible assets (primarily associated with the underlying PPAs) and property, plant and equipment at all three San Diego projects. In conducting this assessment, the Company determined that it is likely that the PPAs for all three projects will terminate ahead of their scheduled December 2019 expiration dates, potentially as early as February 2018, coincident with the expiration of the Navy agreements. Accordingly,

the Company expects to record a long-lived asset impairment of approximately \$50 million in the third quarter of 2017, subject to further estimation of decommissioning costs. Subsequent to recording the impairment, the Company will continue to amortize the approximate remaining \$16 million of carrying value of the three projects through February 2018. Both the accelerated amortization and the impairment are non-cash expenses that do not affect cash flow, nor are they included in Project Adjusted EBITDA.

As disclosed in the Company's 2016 Report on Form 10-K, the Company could be subject to potential liabilities under the early termination provisions of the PPAs. Although the outcome of this issue is not yet determined, the Company believes that it will not be required to pay any liquidated damages associated with early termination because it believes that the circumstances of the termination and the agreements in place between the Company and the PPA counterparty relieve the Company of such potential liabilities.

As disclosed in its August 1, 2017 press release, in July 2017 the Company executed seven-year Power Purchase Tolling Agreements ("PPTAs") with SDG&E for Naval Station and North Island, which were conditioned upon site control and regulatory approval. The outcome of the Navy solicitation makes it unlikely that the Company will be able to meet the site control requirement of the PPTAs. Although the Company is continuing to pursue contractual arrangements for NTC, which is located on a Marine Corps base in San Diego that was not included in the Navy solicitation, any such contractual arrangements for NTC also would be subject to the Company retaining site control. Similarly, the Resource Adequacy agreements entered into for all three projects were subject to retaining site control.

Project Adjusted EBITDA for the Naval Station and North Island projects under the PPTAs was estimated to be approximately \$6 million annually for the seven-year term of the contracts. However, this estimate was predicated on an investment in the projects of approximately \$22 million that would have been made in 2018.

"If we must close these facilities in 2018, we will be disappointed as the expected returns on incremental investment were attractive, the new PPTAs might have bridged us to a potentially better power market in that location in eight years, and we would have been able to keep our people employed at these plants,"

said James J. Moore, Jr., President and CEO of Atlantic Power. "However, the investment of \$22 million required to generate EBITDA post-2018 is now available for other uses, both internally (such as other projects or our balance sheet) and externally, and we currently have an excess of attractive uses of that capital. Thus, we expect that this development will not have a material impact on our estimates of the intrinsic value of our business."

About Atlantic Power

Atlantic Power owns and operates a diverse fleet of twenty-three power generation assets across nine states in the United States and two provinces in Canada. The Company's power generation projects sell electricity to utilities and other large commercial customers largely under long-term power purchase agreements, which seek to minimize exposure to changes in commodity prices. The aggregate gross electric generation capacity of this portfolio is approximately 2,138 megawatts (MW), and the Company's aggregate net ownership interest is approximately 1,500 MW. Nineteen of the projects are currently operational, totaling 1,975 MW on a gross capacity basis and 1,337 MW on a net ownership basis. The remaining four projects, all in Ontario, are not operational, three due to revised contractual arrangements with the offtaker and the other, Tunis, has a forward-starting 15-year contractual agreement that will commence between November 2017 and June 2019.

Atlantic Power's shares trade on the New York Stock Exchange under the symbol AT and on the Toronto Stock Exchange under the symbol ATP. For more information, please visit the Company's website at www.atlanticpower.com

Cautionary Note Regarding Forward-Looking Statements

To the extent any statements made in this news release contain information that is not historical, these statements are forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended, and under Canadian securities law (collectively, "forward-looking statements").

Certain statements in this news release may constitute "forward-looking statements", which reflect the expectations of management regarding the future growth, results of operations, performance and business prospects and opportunities of the Company and its projects. These statements, which are based on certain assumptions and describe the Company's future plans, strategies and expectations, can generally be identified by the use of the words "may," "will," "project," "continue," "believe," "intend," "anticipate," "expect" or similar expressions that are predictions of or indicate future events or trends and which do not relate solely to present or historical matters. Examples of such statements in this press release include, but



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are not limited, to statements with respect to the following:

the outcome of the Navy solicitation process makes it unlikely the Company will be able to retain control of the Naval Station and North Island sites beyond February 2018;

the Company's determination that it is likely that the PPAs for Naval Station, North Island and NTC will terminate ahead of their scheduled December 2019 expiration dates, potentially as early as February 2018, coincident with the expiration of the Navy agreements;

the Company expects to record a long-lived asset impairment of approximately \$50 million in the third quarter of 2017, subject to further estimation of decommissioning costs;

the Company's expectation that it will continue to amortize through February 2018 the remaining carrying value of the three projects, totaling approximately \$16 million;

the Company's belief that it will not be required to pay any liquidated damages associated with early termination of the PPAs;

the Company's estimation that it is unlikely to be able to meet the site control requirement of the Naval Station and North Island PPTAs;

the Company's estimation that, subject to an investment in the projects of approximately \$22 million that would have been made in 2018, Project Adjusted EBITDA for the Naval Station and North Island projects under the PPTAs was expected to decline to approximately \$6 million annually; and

the Company's expectation that this development will not have a material impact on its estimates of the intrinsic value of its business.

Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not or the times at or by which such performance or results will be achieved. Please refer to the factors discussed under "Risk Factors" and "Forward-Looking Information" in the Company's periodic reports as filed with the U.S. Securities and Exchange Commission (the "SEC") from time to time for a detailed discussion of the risks and uncertainties affecting the Company. Although the forward-looking statements contained in this news release are based upon what are believed to be reasonable assumptions, investors cannot be assured that actual results will be consistent with these forward-looking statements, and the differences may

be material. These forward-looking statements are made as of the date of this news release and, except as expressly required by applicable law, the Company assumes no obligation to update or revise them to reflect new events or circumstances.

SOURCE Atlantic Power Corporation

PENTANOVA ENERGY CORP. REPORTS PURCHASE OF SHARES BY INSIDER

PentaNova Energy Corp. (the "Company") (TSXV: PNO), announces that Mr. Giustra, director of the Company acquired 428,000 common shares of PentaNova Energy Corp. in the public market representing 0.18% of the issued and outstanding common shares of the Issuer.

As a result of the acquisition of securities described above, the Company has been advised that Mr. Giustra and his related entities now hold 17,642,913 common shares, representing 7.31% of the issued and outstanding common shares of PentaNova Energy Corp. and would own 24,881,663 common shares, representing 10% of the then issued and outstanding shares of the Company on a partially diluted basis, assuming the exercise of 5,238,750 warrants and 2,000,000 options held by Mr. Giustra and his related entities.

The Company has been advised that Mr. Giustra and his related entities acquired these securities for investment purposes and as disclosed in the Early Warning Report to be filed in conjunction with this news release, may in the future acquire or dispose of securities of the Company, through the market, privately or otherwise, as circumstances or market conditions warrant.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

SOURCE PentaNova Energy Corp.

EVOLUTION ENGINEERING ANNOUNCES STRATEGIC FINANCING

Evolution Engineering Inc. ("Evolution" or "the Company") today announced the completion of an investment from EV Private Equity. The funds will be used to accelerate the Company's North American growth and expand

product development related to its market leading EVO ONE measurement while drilling ("MWD") platform and related directional drilling technologies.

"Evolution now has additional resources to pursue its aggressive growth strategy and build on its industry leading directional drilling technologies," said Paul Crilly, Evolution's CEO. "The growth capital also positions us to ensure that our customers will continue to benefit from the highest level of product innovation, service and support. In parallel, we will be accelerating our marketing efforts, serving the needs of clients throughout North America and around the world."

"We are delighted to support the on-going business and vision of Evolution Engineering's team, whose EVO ONE MWD systems are already enabling the drilling of the industry's most extreme horizontal wellbores," said Matthew Anstead, EV Private Equity partner. "We believe that Evolution is well positioned for further growth, particularly in the horizontal shale plays of the US and Canada."

About Evolution Engineering Building upon its patented and proven Unified Telemetry platform, Evolution delivers purpose-built MWD products that exceed today's drilling requirements for performance and reliability. The company's flagship MWD system, EVO ONE,

was built to provide a single, highly reliable MWD tool suitable for every drilling requirement. By designing and manufacturing these systems in-house, Evolution engineered out the most common MWD tool failure modes while combining EM and Mud Pulse technology into a single Unified Telemetry with a one-size-fits-all probe design. By designing extremely reliable, high data rate, large bandwidth communication technology, Evolution is at the forefront of developing the Subsurface Internet TM. Evolution Engineering Inc. is headquartered in Calgary, Alberta and Conroe, Texas. For more information visit Evolutioneng.com.

About EV Private Equity

EV is an independent growth equity firm applying its specialized expertise to build world-class companies and uncover new technologies in the oil and gas sector. EV's team leverages specialist knowledge, advisors, proven practices, and a global network to scale businesses that push the edge of technology innovation. Since 2002, EV has raised five funds with committed capital in excess of \$750 million. With teams in Stavanger, Norway; Houston, Texas; and Aberdeen, Scotland, EV Private Equity helps companies operate competitively and achieve a more sustainable future. For more information visit evpe.com.

SOURCE Evolution Engineering



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 2 bedroom cabin
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 Double detached garage

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Turtle Lake
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600 sq. ft. cabin
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 Close to playgrounds,
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TURTLE LAKE

Lot 43 Kewatin Lane
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