

KALINA SELECTS PREFERRED GAS TURBINE VENDOR FOR ITS ALBERTA PROJECTS

KALiNA Power Limited (“KPO”, “KALiNA”, the “Company”) has selected Siemens Energy as the preferred gas turbine generator vendor for the Company’s distributed power generation projects in Alberta, Canada.

KPO’s Canadian subsidiary, KALiNA Distributed Power (“KDP”) is developing a portfolio of distributed power generation projects that will deploy 32 MW combined cycle power plants; configured with Siemens Energy gas turbine technology and a KALiNA Cycle® power module that generates emissions-free power from the gas turbine’s waste heat.

KDP conducted a competitive Request for Proposal (“RFP”) process with multiple gas turbine vendors that began in Q1 2020 with the assistance of KDP’s Owner Engineer, Power Engineers. After an extensive bid review process, as well as technical and commercial evaluations, the Siemens Energy gas turbine technology was selected due to its performance, optimized capacity, favorable economics, and capability of being modified to use hydrogen in the future.

Background on KALiNA and its Alberta Projects

KALiNA Power Limited is a cleantech company in the Industrial Waste Heat to Power (“WHP”) sector, producing zero-emissions power from heat given off by energy-intensive industrial processes that may otherwise be wasted, and also from the heat available in geothermal resources.

KALiNA Cycle® is a competitive alternative to the established incumbent Organic Rankine Cycle Technology (“ORC”) which is used widely in the Waste Heat to Power and Geothermal markets around the world today. While in many applications the two technologies perform comparably, the KALiNA Cycle® provides considerable advantages in a range of applications, especially when dealing with lower temperature sources of heat. KPO has one of the most substantial intellectual property portfolios in the sector and owns the worldwide patents relating to the KALiNA Cycle® Technology.

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This announcement was approved and authorised for issue by the Board of Kalina Power Limited