

December 29<sup>th</sup>, 2025

Via AUC eFiling

Alberta Utilities Commission  
1400, 600 Third Avenue S.W.  
Calgary, Alberta T2P 0G5

## **RE: Beacon AI Centers – Indus Project Thermal Power Plant Application**

Indus Power Generation LP, by its general partner Northbridge Power GPC Inc., (Indus Power), is seeking approval to construct and operate the Beacon AI Centers – Indus Project, a 1,494 MWe natural gas-fired power plant (the Project). The Project is located approximately three (3) km east of the City of Calgary, and two (2) km northwest of the Hamlet of Indus, within Rocky View County.

The Project will consist of two complementary systems;

- 100, 4.6 MWe INNIO Jenbacher J624 lean-burn natural gas-fired reciprocating engines, grouped in 20 Quick Deploy Power and Containerized (QPAC) modules, each containing five (5) engines, for a total of 460 MWe; and,
- 12, 61.2 MWe Siemens SGT-800 natural gas-fired turbines, with Heat Recovery Steam Generators (HRSGs) supplying four (4), 75.0 MWe Siemens SST-500 condensing steam turbines, operating in 3 combined-cycle units, for a total of 1,034 MWe.

The total capability of the Project will be 1,494 MWe, and under normal operating scenarios, will supply ~1,200 MWe to co-located, on-site data halls.

Indus Power has undertaken engineering, design, and studies, including an Air Quality Assessment and a Noise Impact Assessment, completed environmental evaluations, and engaged other regulatory bodies to confirm there are no adverse impacts. An Initial Project Description has been filed with the Impact Assessment Agency of Canada (IAAC), and an application under *Environmental Protection and Enhancement Act (EPEA)* is being submitted concurrently.

The Project is aligned with the Rocky View County Municipal Development Plan, is located on lands zoned as a Special – Data Center District (S-DAT), and has received an Area Structure Plan (ASP), specifically for this Project from the County. The Project is not within a Buffer Zone or a Visual Impact Assessment Zone. The Project will eventually be connected to the transmission system; however, those details have not yet been designed. As a result, a connection order is not being applied for at this time.

Indus Power / Beacon held various consultations with Stakeholders, Indigenous Groups, and Municipalities to address any questions or concerns. Stakeholders within 2,000 m of the Project were identified and contacted, and an open house was held. While there are no Indigenous Groups within the consultation radii, Indus Power / Beacon still engaged a number of Indigenous Groups. An *AUC Municipal Engagement Form* was submitted to Rocky View County and Wheatland County, with no response to date. Indus Power provided an update in response to concerns raised to date. Any outstanding issues or concerns are identified as ongoing.

Indus Power submits this application under Section 11 of the *Hydro and Electric Energy Act* (RSA 2000, c H-16) (*HEEA*). Indus Power also requests any other such approvals or exemptions as deemed necessary by the Alberta Utilities Commission (the AUC or the Commission) to permit the activities contemplated in this application to proceed.

All the best,

**Indus Power Generation LP**

Joseph Shovlin