

## Hybrid Power Solutions Completes Successful Pilot Programs with Industry Leaders

Vancouver, British Columbia – December 19<sup>th</sup>, 2025 – Hybrid Power Solutions Inc. (CSE: HPSS) (OTC: HPSIF) (FSE: E092) ("Hybrid" or the "Company"), a leader in clean energy solutions, is pleased to announce the successful completion of two pilot programs. These pilot programs demonstrated outstanding performance and cost savings, showcasing the effectiveness of Hybrid's hybrid energy systems.

### National Home Builder

A Spark was installed in conjunction with an existing diesel generator where a variety of tools, including air compressors, lighting, and chargers, were operated to complete the framing of 8 homes. The results exceeded expectations, with a **64% reduction in fuel consumption, 76% reduction in generator operating hours, and 100% uptime.**

Although the test program did not include solar, mathematical simulation showed that a small solar array (2000W) **would result in an 87% reduction in fuel consumption and an 88% reduction in operating hours.**

### Commercial Factory Construction

The second pilot program was carried out using a Spark, a 2000W solar array and the customer's existing diesel generator. The system powered a large restroom facility with larger more consistent loads as compared to the first pilot. **The end result was a 63% reduction in fuel cost and 73% reduction in generator operating time.**

Ease of operation and installation was key to this project and the HPSS team was able to demonstrate the installation of a **2000W solar array in less than one hour using a power rack system and plug and play connection to the Spark.** Hybrid Power Solutions' rapid solar deployment technology ensures solar can be a practical solution in almost any environment. Ongoing work to simplify the solar installation portion of the Spark is being taken on by the HPSS engineering team.

### Above-Expected Results and Indirect Cost Savings

Both pilot programs demonstrated above-expectations results, proving the effectiveness of Hybrid Power Solutions' energy systems. The total cost savings from these projects are even greater than initially estimated due to the significant indirect cost savings, such as **reduced fuel delivery, refueling labor, maintenance, and generator rental pricing which is tiered based on generator daily operating hours.**

The environmental benefits were also notable, with both projects achieving measurable **greenhouse gas emissions reductions.** These savings not only reflect the financial advantages but also support the projects' commitments to sustainability.

"We are extremely pleased with the results from both pilot programs," said **Francois Byrne**, CEO of Hybrid Power Solutions. "These projects reinforce the potential for our hybrid energy solutions to drive significant savings in fuel consumption and operating costs, while simultaneously reducing environmental impact. The ability to rapidly deploy solar arrays and the

proven performance of our systems in challenging conditions further highlight the value of our technology. The flexibility of our systems allows customers to order a full Spark hybrid solar package or use their existing generator fleet coupled directly to the Spark.”

### **About Hybrid Power Solutions**

Hybrid Power Solutions Inc. is a Canadian clean energy innovator listed on the Canadian Securities Exchange under the symbol "HPSS." The Company specializes in developing sustainable energy solutions that redefine power access and storage across industries. With a focus on environmental responsibility and technological innovation, Hybrid is at the forefront of the clean energy transition.

For further information, inquiries, or media opportunities, please contact:

On behalf of the Company,

**Francois Byrne**

CEO and Director

f.byrne@hybridps.ca

647-955-9107

### **Forward-Looking Statements**

Certain information contained herein constitutes "forward-looking information" under Canadian securities legislation. Generally, forward-looking information can be identified by terminology such as "will," "expects," "anticipates," or variations of such words and phrases, or by statements that certain actions, events, or results "will" occur. Forward-looking statements are based on management's estimates as of the date such statements are made and are subject to risks, uncertainties, and other factors that may cause actual results to differ materially from those expressed or implied by such statements.

The Canadian Securities Exchange does not accept responsibility for the adequacy or accuracy of this release.