



**For Immediate Release**

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## **Legend Power® Platform Offers Compact & Affordable Voltage Boost Capability for Commercial Buildings – An Industry First**

Vancouver, B.C., Canada – Legend Power® Systems Inc. (TSX-V: LPS), is pleased to announce an exciting enhancement to its SmartGATE™ platform which enables the system to boost voltage in situations where a building is experiencing an undervoltage condition. SmartGATE is the first system that provides the ability to both “buck and boost” voltage in a single platform, right-sized both physically and cost-wise for commercial buildings.

Low voltage events can lead to unexpected shutdowns of critical equipment in a building. Elevators, fire alarms and essential IT infrastructure are very susceptible, leading to equipment malfunction and possible failure. These interruptions have significant real-cost impacts on productivity and the quality of the work environment. However, because they are often dismissed as random failures, the costs are not only absorbed by the business, but often budgeted as an ongoing, recurring expense. Since they are linked to poor power quality, these are in fact, manageable or even avoidable costs.

Said Mark Petersen, VP of Engineering for Legend Power Systems, “Under voltage in a building typically manifests itself as issues or shutdowns in critical, occupant-facing infrastructure such as elevators and escalators when either motors or controls are impacted by the voltage drop. Life and safety elements such as fire alarms and other critical infrastructure can be effected to different degrees by either individual under voltage occurrences, or the cumulative effects, depending on the sensitivity of the system.”

This new enhancement to SmartGATE is a direct result of customer feedback. As the company built its reputation as a leading energy efficiency measure for effectively managing over voltage, customers or prospects frequently identified that they would also like to be able to manage under voltage situations too. The desire to meet an expressed customer need focused the Legend Power Systems team on delivering the strong under voltage capability. With SmartGATE’s intelligent controller already reading power quality from the grid as it comes into a building, Legend has improved its system to now correct instances of undervoltage (and other power quality conditions) in real time. The platform will effectively “pin” voltage at the customer’s desired voltage level, much like they would set a thermostat.



### **About Legend Power® Systems Inc.**

Legend Power® Systems Inc. ([www.legendpower.com](http://www.legendpower.com)) is a global leader in onsite energy management technology. They help buildings to overcome grid volatility challenges common to utilities around the world. Legend's industry-proven SmartGATE™ enables dynamic power management of an entire building. The proprietary and patented system reduces total energy consumption and power costs, while also maximizing the life of electrical equipment. Legend's unique solution is also a key contributor to both corporate sustainability efforts and the meeting of utility energy efficiency targets.

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