

Cygnus Controller



Critical Loop – Cygnus Controller

The Cygnus 1.0 Power Control System (PCS) combines the robust protection, monitoring, logic, and control features of the SEL-751 Feeder Protection Relay with an application programming interface (API) to provide Power Import Limiting (PIL) functionality in adherence of import limit schedules. Integration of this system into a main electrical switchgear allows customers to work with the local utility to participate in Load Control Management System (LCMS) programs. This allows the customer to obtain flexible or variable interconnection to energize new sites or expand capacity at existing sites.

Cygnus is certified by Underwriters Laboratories (UL) per the UL 3141 Outline of Investigation for Power Control Systems and IEEE 2030.5 (CSIP), the only power control system to hold both certifications simultaneously. Cygnus has completed interoperability testing with PG&E's Distributed Energy Resource Management System (DERMS).

Features & Benefits

- Enforce power import limit (PIL) schedules (>100kW)
- Wide range of voltage support
- Scheduler API for telemetry and schedule interface
- Active cooling system
- Small form factor

Model Cygnus 1.0 PCS	Amps 1 – 5000	Voltage (AC) Any	Screen 15"	NEMA 3R
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