

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 1.0 PCS is certified by Underwriters Labs (UL) per UL 3141 Outline of Investigation for Power Control Systems (October 9, 2024) requirements.

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