

We've got the power.

developed in partnership with Soar Technologies

Cla-Val's X143HP Power Generator turns any valve into a mini-power plant

This unique self-contained power generator can be installed on a Cla-Val automatic pressure reducing valve with a minimum differential pressure of 30 psi to power any power-dependent equipment at the valve site without having to rely on power provided by the local electric company.

Product Advantages

- · Ideal for vault locations where it is difficult or cost prohibitive to get electrical power
- · Uses pipeline hydraulics to create power thus eliminating the need for an external source
- The X143HP Controller is equipped with a diversion load that doubles as a heater
- · No power company meter and no electric bills
- One X143HP generator unit can power an electronic control valve and RTU as well as other power-dependent
 equipment in the vault such as lighting and sump pumps
- · Can also be used to self-power communication equipment for remote monitoring
- · Superior reliability compared to solar power which is susceptible to vandalism and lack of sunshine
- All power generator components can be installed within the vault, protecting against exposure to the elements and tampering
- Can be supplied on a new valve or retrofitted to an existing installed Cla-Val control valve, without tapping the pipeline or removing the valve

Power Generation
System Components

Power Generator Unit

Pressure
Reducing
Valve

DC Charge
Controller
Display

Diversion
Load/Heater

Battery
Housing

Rapid Access
Hatch to Battery

Pressure
Sensor

Patent pending

To learn more, visit www.cla-val.com and type X143HP in the search field or contact the Cla-Val Sales Agent nearest you

Innovation...Experience...Know-How

As a leading manufacturer of automatic control valves, Cla-Val has served the following markets since 1936:

- Waterworks
- · Fire Protection
- · Aviation Ground Fueling
- · Marine and Shipboard Service

We offer many advantages to our customers worldwide, including the following:

- In-house Engineering Department
- Onsite investment and sand casting foundries able to pour more than 50 different metals and alloys
- · 20-acre manufacturing facility in Costa Mesa, CA
- Production facilities in Perris, CA; Ontario, Canada; Switzerland; the United Kingdom; and France
- · Extensive technical training capabilities

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