VOLTA SOLAR

www.VoltaESD.com



A Product Of:

SOUTHERN VALVE & CONTROL

FULLY INTEGRATED SOLAR-POWERED
ELECTRO-HYDRAULIC CONTROL SYSTEM

A self-operated, skid-mounted hydraulic power unit (HPU) with integrated RTU, designed to control and monitor valves where utility power is unavailable.



> AUTONOMOUS OPERATION

Solar generation and battery storage support unattended operation in remote locations.

> INTEGRATED CONTROL

RTU functionality, customer communications integration and Modbus or discrete commands.

> EMERGENCY SHUTDOWN

ESD functions, line break detection and high/low pressure shutdown capability.

> VALVE MONITORING

Single- or multi-valve operation, position feedback, alarms and onboard data logging.

ZERO EMISSIONS | NO ONSITE POWER | QUICK DEPLOYMENT

CONTACT@VOLTAESD.COM | 337-608-8824

VOLTAESD.COM

VOLTA-SOLAR

AUTONOMOUS SOLAR HPU + RTU



CONTROL & SAFETY FUNCTIONS

- > Single or multi-valve operation
- > Emergency shutdown (ESD)
- > Line break detection
- > High / low pressure ESD
- > Partial stroke testing
- > Valve position feedback
- > Integrated system alarms
- > Onboard data logging
- > Modbus or discrete commands
- > Customer communications integration

STANDARD SOLAR POWER PACKAGE

300 Ah	400+ W	SKID
LiFePO4 battery bank	Bifacial solar panels	Mounted for quick deployment

APPLICATIONS

Wellhead installations | Midstream facilities | Remote valve sites | Locations without onsite power

ZERO EMISSION

A PRODUCT OF SOUTHERN VALVE & CONTROL, LLC

Sold exclusively through Southern Valve & Control reseller partners.