

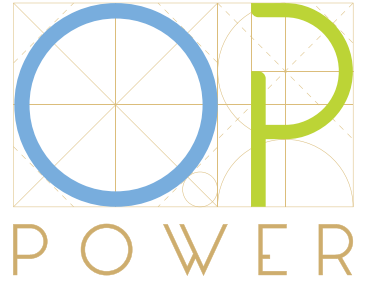
# OP POWER

Bogotá: Carrera 13 A # 28 - 38. Of. 256  
 Medellín: Calle 16 AA Sur # 42 - 91. Of. 1013  
 Cartagena: Carrera 12 # 5 A - 09. Of. 2502  
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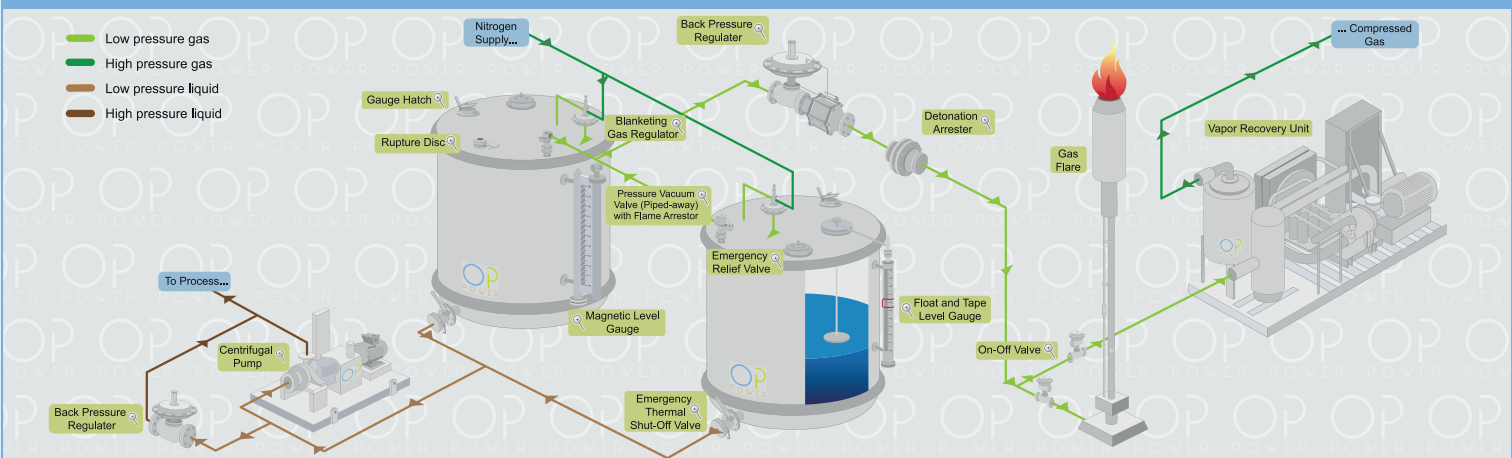


## ENGINEERING, DESIGN AND SUPPLY OF INDUSTRIAL EQUIPMENT FOR THE OPTIMIZATION OF PROCESSES IN ENERGY, OIL AND GAS, AND INDUSTRIAL APPLICATIONS.

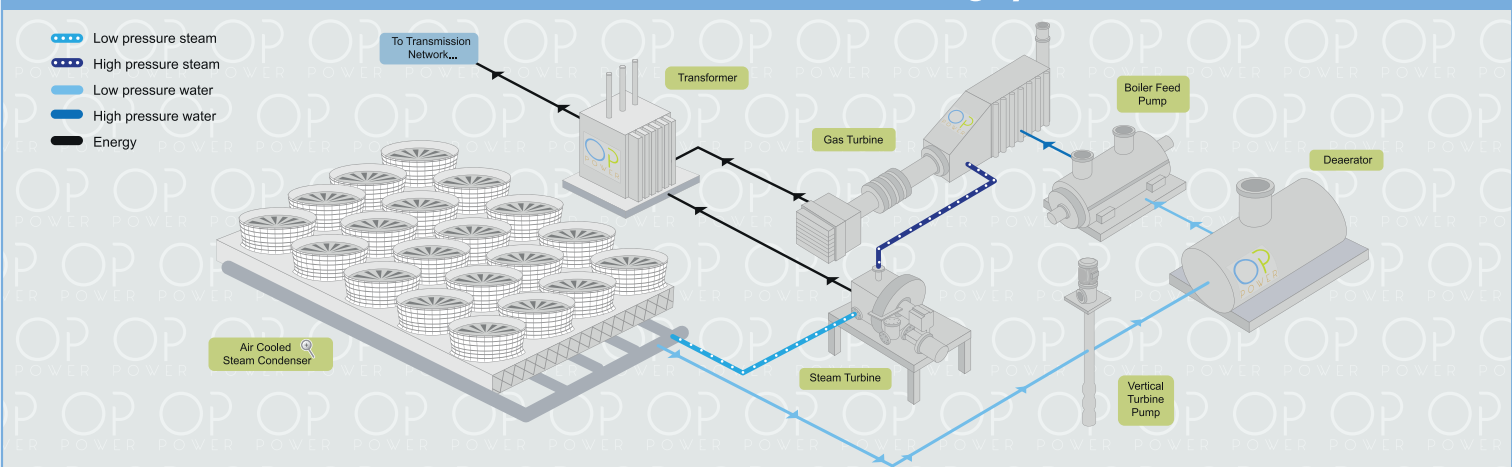
Engineering and Design of:

- Storage Tank, Boiler, Heat Exchanger, and Pressure Vessel Systems.
- Cooling and/or Heating Systems.
- Flow Control and Regulation Systems.
- Water Management Systems.
- Air and Gas Management Systems.
- Special Systems.

### Storage Tanks System.



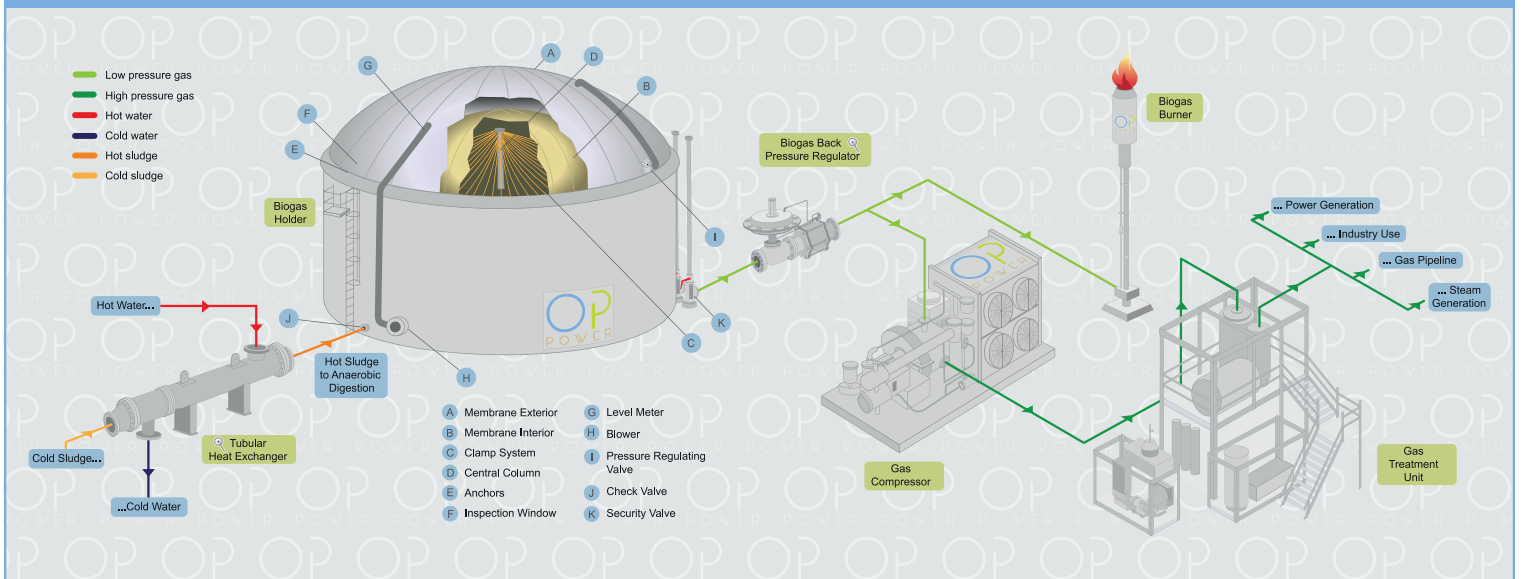
### Cooling System for Power Generation I.



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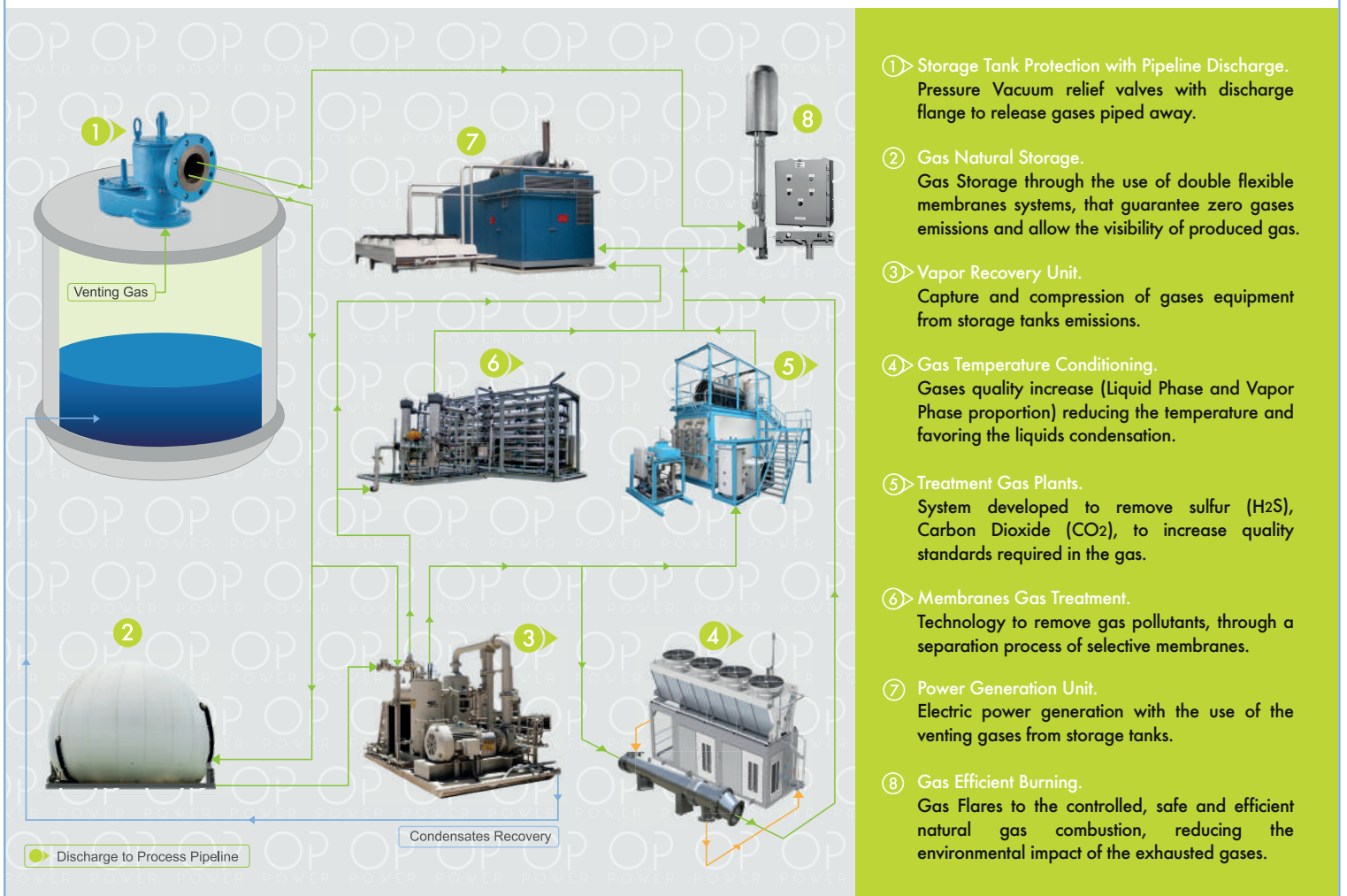
## Biogas Storage and Treatment System.



## Systems and Technologies for the Management of Venting Gas.

RESOLUTION 40066 of 2022.

Beginning in February 2024, the Energy and Mines Ministry of Colombia will regulate the deliberate venting of natural gas to the atmosphere during the hydrocarbon exploration and production activities.



## Service Engineering OP POWER - ISOP.

Ⓟ Storage tank protection systems.

Ⓟ Heat exchanger tube testing.

Ⓟ Steam traps.

Ⓟ Pressure vacuum relief valves.

Ⓟ Emergency relief valves.

Ⓟ Gas blanketing and back pressure regulators.

Ⓟ Testing in test bench.

Ⓟ Heat exchanger tube plugging.



Ⓟ Water pump systems.

Ⓟ Gas/Air compression systems.

Ⓟ Pipeline systems.

Ⓟ Assessment of cooling and refrigeration technologies.

Ⓟ Valve automation.

Ⓟ Cooling towers reconstruction and maintenance.

Ⓟ Solutions for noise pollution problems.

Ⓟ Pressure tests.

## OP POWER Systems.

### A. Storage Tank, Boiler, Heat Exchanger, and Pressure Vessel Systems:

#### Protection:

Pressure vacuum valves.  
Emergency relief valves.  
Blanket gas regulators.  
Back pressure regulators.  
Flame arresters.  
Detonation arresters.  
Gauge hatch.  
Rupture discs.  
Vent panels.  
Safety valves.  
Pilot operated valves.  
Surge relief valves.  
Thermal relief valves.  
Vacuum breaker.  
Air release valves.  
Emergency shut-off valves.  
Emergency shutdown valves.  
Emergency blowdown valves.  
Heat exchanger tube plugging system.  
Vent silencers.

#### Level Measurement:

Magnetic level gauges.  
Float and tape level gauges.

#### Gas Management:

Gas cleaning unit.  
Vapor recovery unit.  
Flare unit.

#### Liquid Management:

API 675 metering pumps.  
API 685 canned motor centrifugal pumps.  
API 610 centrifugal pumps.  
High pressure process pumps.  
Rotary positive displacement pumps.

### B. Cooling and/or Heating Systems:

Air cooled steam condensers.  
API air cooled heat exchangers.  
Cooling towers.  
Fluid coolers.  
Ammonia chillers.  
Water chillers.  
Shell and tube heat exchangers.  
Thermal fluid heaters.  
Vapor condensers.  
Coil heaters.  
Immersion heaters.  
Suction heaters.  
Waste heat recovery.

### C. Flow Control And Regulation Systems:

Globe control valves.  
Axial control valves.  
Axial check valves.  
Blowdown valves.  
On-Off ball Valves.  
On-Off axial valves.  
Choke valves.  
Check valves.

Hydraulic control valves.  
Pressure reducing regulators.  
Back pressure regulators.  
Steam traps.  
Pneumatic rotary actuators.  
Pneumatic linear actuators.  
Electro-Hydraulic actuators.  
Hydraulic actuators.

### D. Water Management Systems:

Vertical turbine pump.  
Submersible pump.  
NFFPA Fire fighting pump.  
Pressure control valve.  
Pressure relief valve.  
Water hammer control valve.

### E. Air and Gas Management Systems:

Gas compressor package.  
Gas blower package.  
Gas filtration unit.  
Indirect water bath heater.  
Flare unit.  
Biogas burner.

### F. Special Systems:

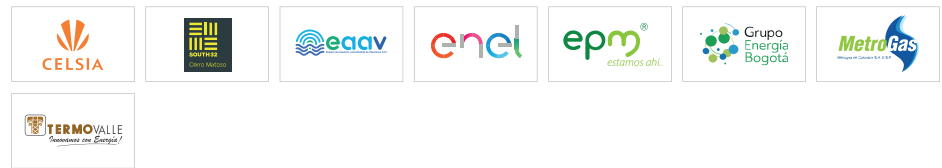
Chemical injection packages.  
Odorizing systems.  
Hydrogen generator.  
Nitrogen generator.  
Membrane fuel gas conditioning.

OP POWER is exclusive Representative in Colombia of:



Some of our principal customers:

Power



Oil and Gas



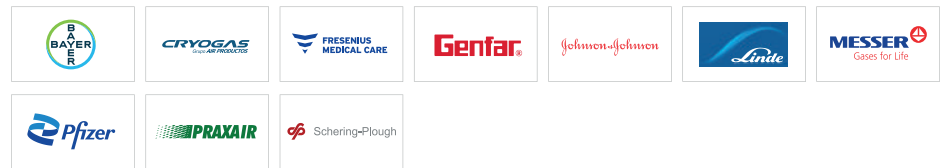
Chemical and Petrochemical



Food and Beverage



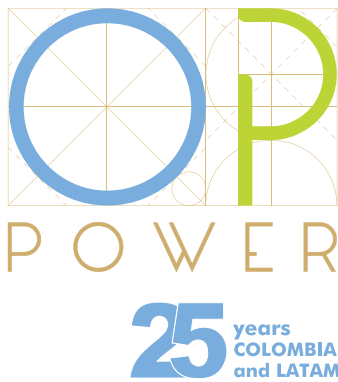
Pharmaceutical



Industrial Process



South and Central America



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