

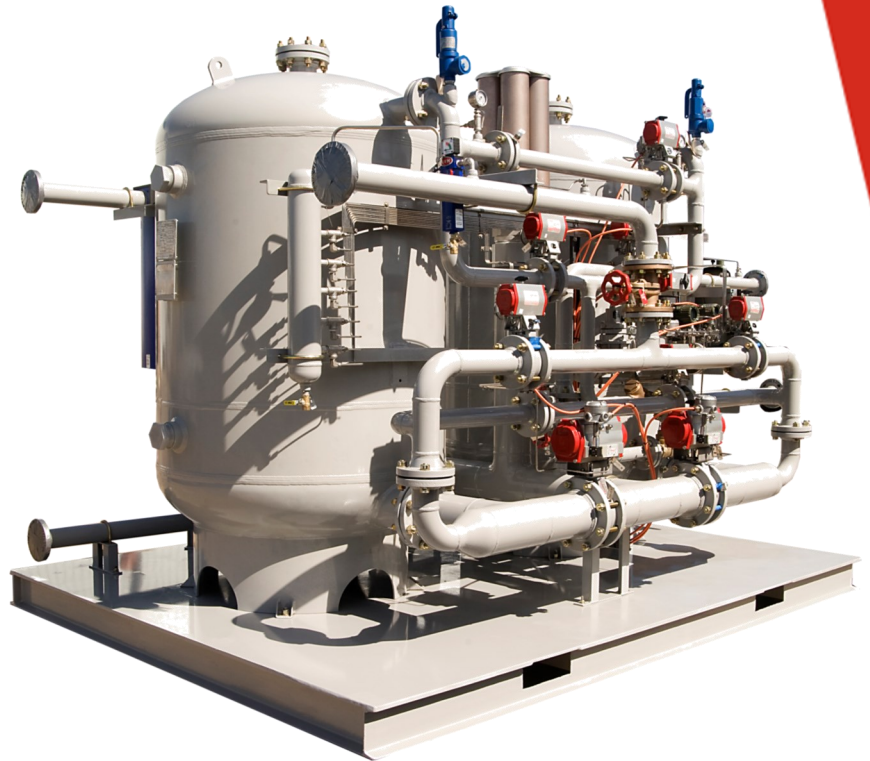
At the rig, natural gases are nearly always saturated with water. When water-saturated natural gas flows in a pipeline the following problems can occur:

- **Water can collect in pipelines and increase the pressure drop and cause slug flow.**
- **Free water can freeze and form solid hydrates, reducing the gas flow or plugging the line.**
- **Acid gases (H<sub>2</sub>S&CO<sub>2</sub>) dissolve in free water and can cause severe corrosion.**

Ideally dehydrating the gas by heating, chemical addition, solid desiccant and membrane dehydration mitigates these problems and improves safety.

**GENERON** sales and engineering professionals help you choose the right system for your specifications and project.

**GENERON** facilities are ISO 9000 Certified and follow NEC/CEC (USA & Canada), ATEX (Europe), AS/NZS (Australia), ICECx (Worldwide) explosion protection requirements. Our ASME vessel shop builds all our columns and separators in-house which makes our pricing very competitive.

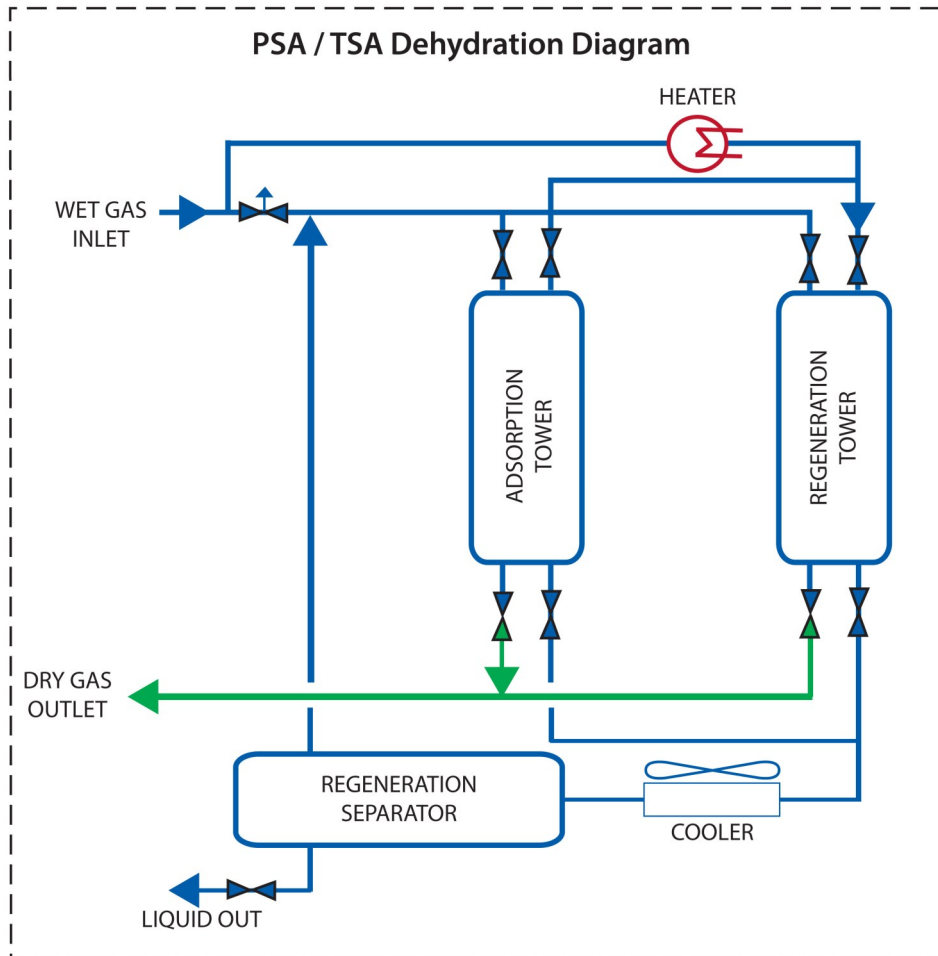


## The GENERON® Advantage

- **Customized design maximizes life of desiccants**
- **Efficient packaging minimizes space & weight**
- **Maximizing Hydrocarbon recovery**
- **Minimizing** Natural gas dew point
- **No moving parts.** Designed for **remote** un-manned **operation**
- **System flexibility** - Can operate at wide range of flow rates
- **Quick deployment & Installation** - skidded systems installed in hours

# GENERON® PROCESS GAS SYSTEMS

## PSA / TSA Dehydration



### SYSTEM PERFORMANCE:

- Ideal Pressure: 100 – 400 PSIA
- Dew Point: -150°F / -101°C
- Flow Rate: < 20 MMSCFD
- Ideal Temperature: < 100°F / 38°C



### GENERON

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C-PS/GC-PSA-TSA-0617