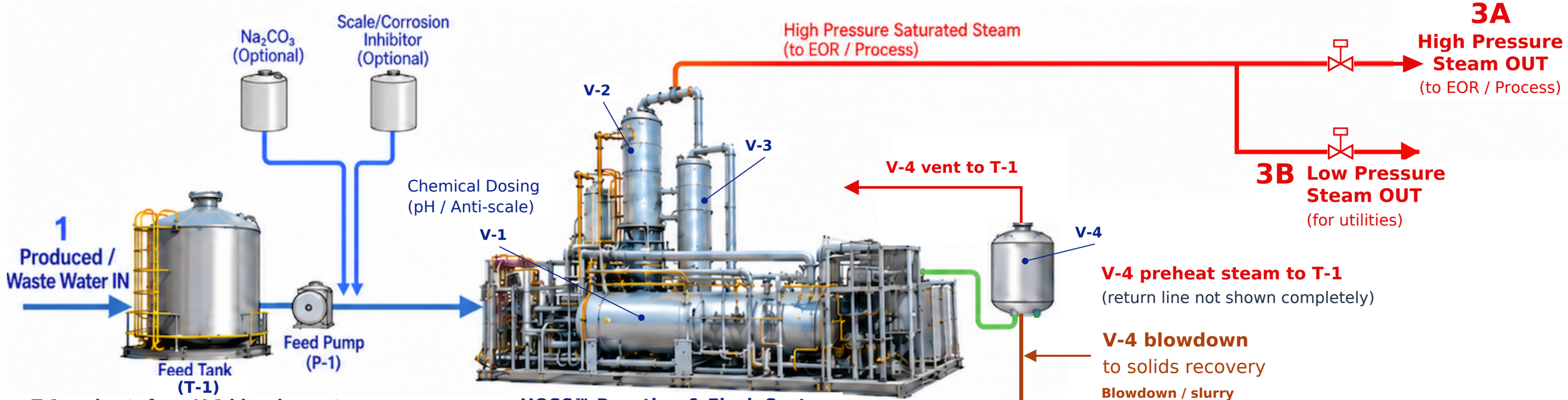
Standard Modular HOSS™ - Steam & Solids (7000 BBLs/Day Steam)

Simplified Process Flow Diagram (PFD)



T-1 preheat: from V-1 blowdown steam
(preheat line not shown)

HOSS™ Reaction & Flash System
(Modular Skid)

Slurry / Brine Dewatering & Solids Recovery
(Modular Skid)



7000 BBLs/Day Modular HOSS™ Unit
(Reference)

2 ENERGY INPUT

Sustainable & flexible options:

- Solar / CSP
- Electricity / Wind Power
- Closed-loop Geothermal
- Hydrocarbons

Typical Performance (Indicative)

- Capacity: 7000 BBLs/Day
- High quality saturated steam for EOR / process
- High- and low-pressure steam outlets
- Concentrated slurry/solids: 5-10% moisture
- Recovered dryer liquids recycled to T-1
- Chemical dosing: optional (pH, anti-scale, H_2S control)
- Feed water: produced water, saline water, waste streams