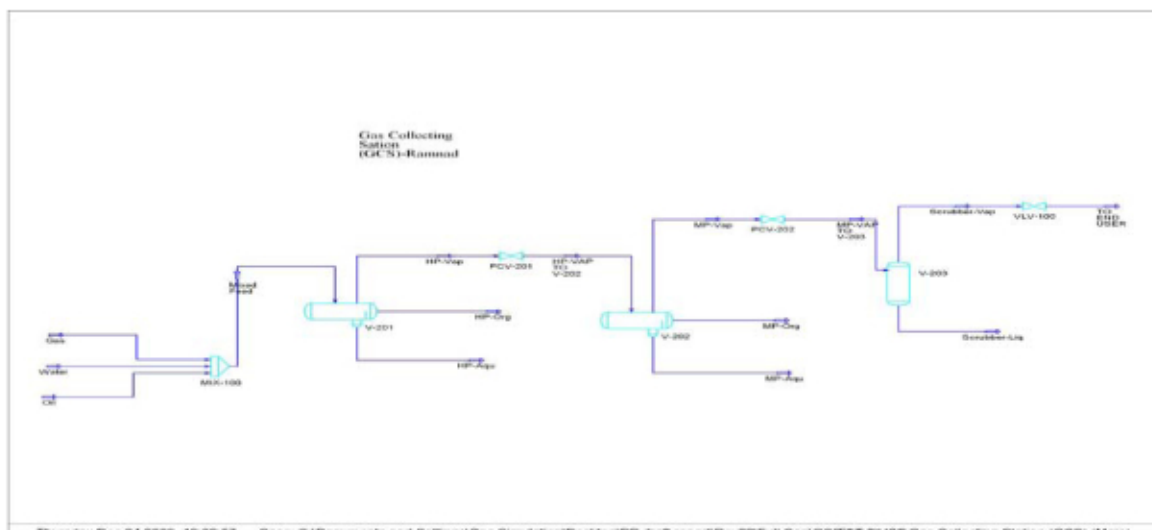




## Gas Collecting Station Simulation Analysis

### Process Flow Diagram:



### Process Description:

ONGC GCS is having one train for processing 25 LCMD of gas with separation facilities consisting of HP & MP separators and gas scrubbers. Client has decided to create new train of capacity 15 LSCMD broadly consisting of HP & MP separators and gas scrubbers. Simulation study has been carried out for a new process train of 15 LSCMD at three different temperatures with the purpose of establishing right design parameters for all equipments and piping.

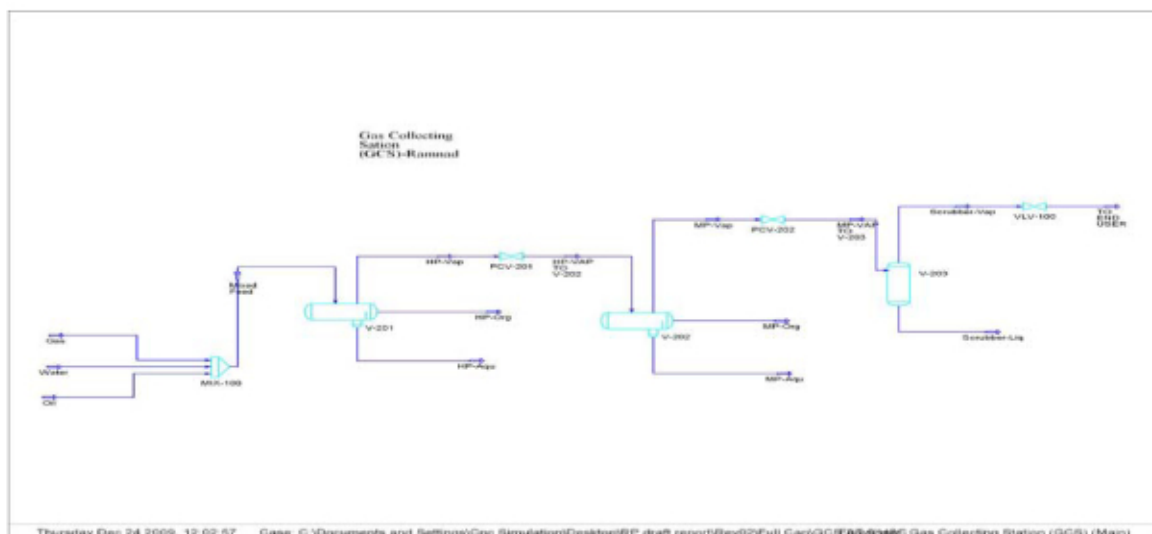
### Analysis Conditions:

	Fluid	Scenario 1	Scenario 2	Scenario 3
Feed (Designed capacity)	Gas, LCMD	15	15	15
	Oil, m3/d	80	80	80
	Water, m3/d	20	20	20
	Temperature, deg C	0	30	45

\*Same study has been carried out for 20% Turndown.

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