

Report and data base on validated pilot plant data

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Public Summary

This CAPRICE deliverable D1.1:

Report and data base on validated pilot plant data,

contains a collection of operating data from 4 selected runs from each of the pilot plants at DONG Energy, Esbjerg, ITC, University of Regina, ITT, University of Stuttgart, and NTNU and SINTEF. All runs were performed using 30 wt% MEA in water as absorbent. The selected runs are based on evaluation of the full sets of data from these pilot plants.

The criteria used for selection from the full sets were, as far as the data allowed:

- Spread in operating conditions
 - Lean loading
 - Reboiler duty
 - Liquid flowrate
 - Inlet CO₂ concentration
- Mass transfer consistency
- Mass balance consistency
- Heat balance consistency

The rest of this document is project confidential