

# New Dehydration and Desalination Trains

**Client:** CNPC SERVICES VENEZUELA LTD, S.A.

**Country:** Venezuela

**Scope:** ID

**Type of Facility:** Hydrocarbons Refining and Storage

**Disciplines involved:** Electrical, Process, Mechanical, Piping, A&C, Civil and Structural.



**Description:** Increase the capacity, either at the Plant and Heavy oil crude oil storage. Development of Detailed Engineering for Procurement and Construction of the new dehydration and desalination Trains of diluted wet bitumen streams, the diluted wet and dry bitumen storage and treated water arising from dehydration for the well injection.

The scope also included the preparation of "As Built" documentation, start-up ,testing specifications and staff allocation. Plant capacity 140.000 barrels per day and storage capacity of 250.000 diluted wet bitumen (also known as *dilbit*) and 600.000 dry diluted bitumen barrels

