

Online Optimization of Crude Distillation Unit Based on Rigorous Simulator

With LG Caltex & AID Inc.

● Objective

Real time prediction and optimization of CDU operation under feed variation.

● System Software :

VMGSim, Excel, PI DB

● What we have done

- Develop and implement on-line real time rigorous simulation system for whole CDU process
- The system is link with existing DCS system in the platform of Excel and PI real time DB.
- Construct on-line optimization system.

