

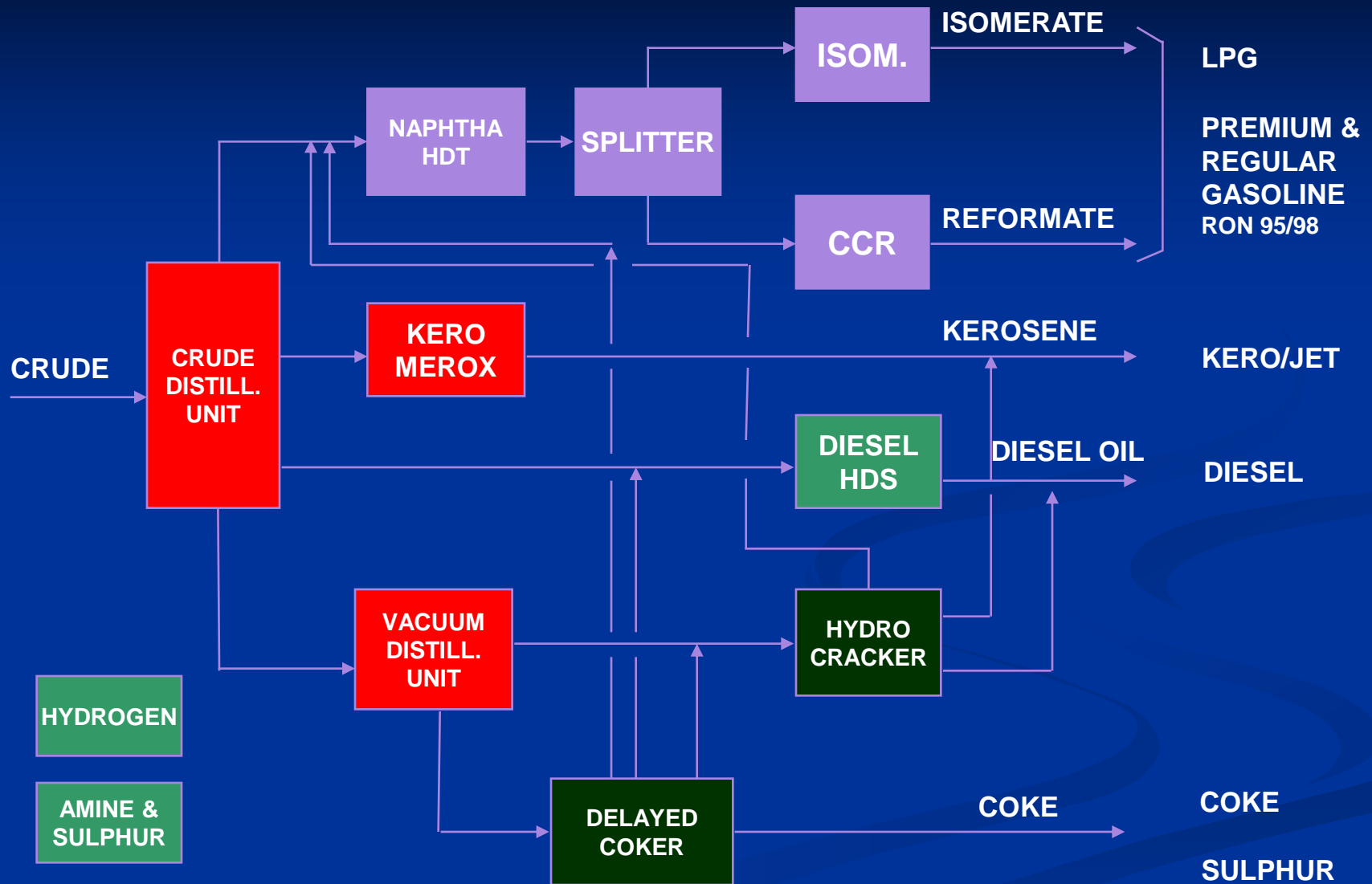
Hydro-cracking

MIDOR Refinery

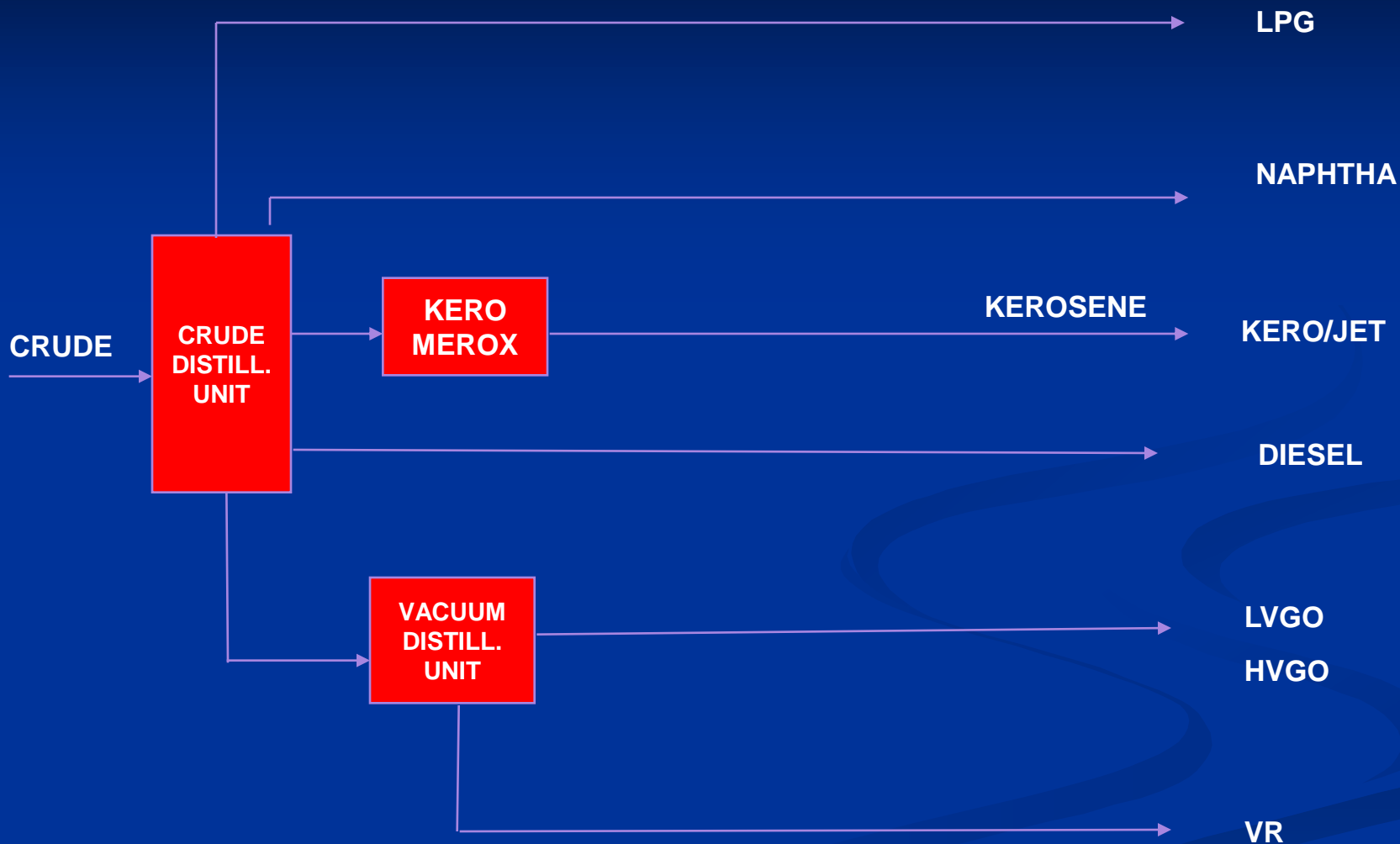
Configuration

Tiered Margin

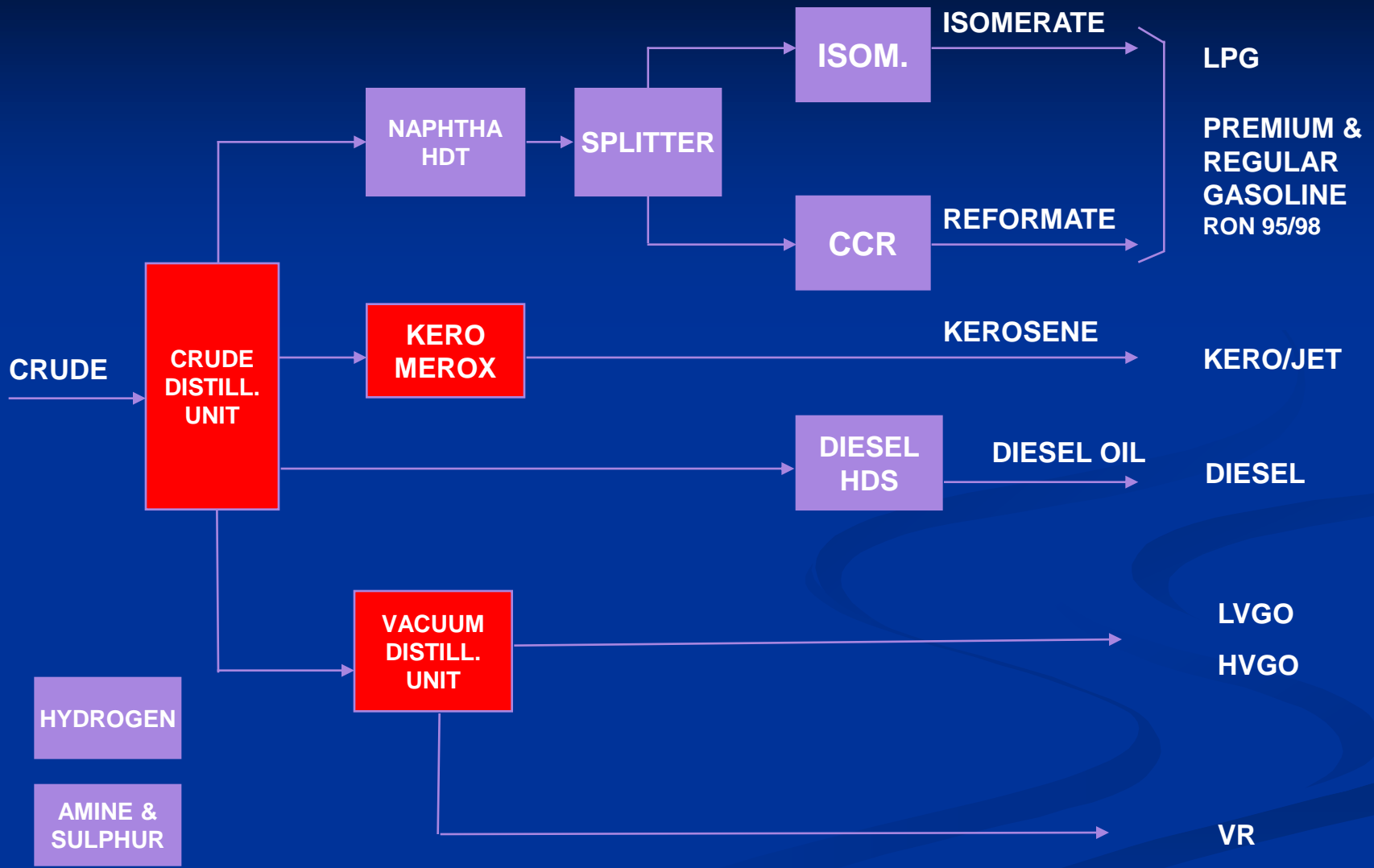
Midor refinery configuration AL/AH 50/50 @ 100%



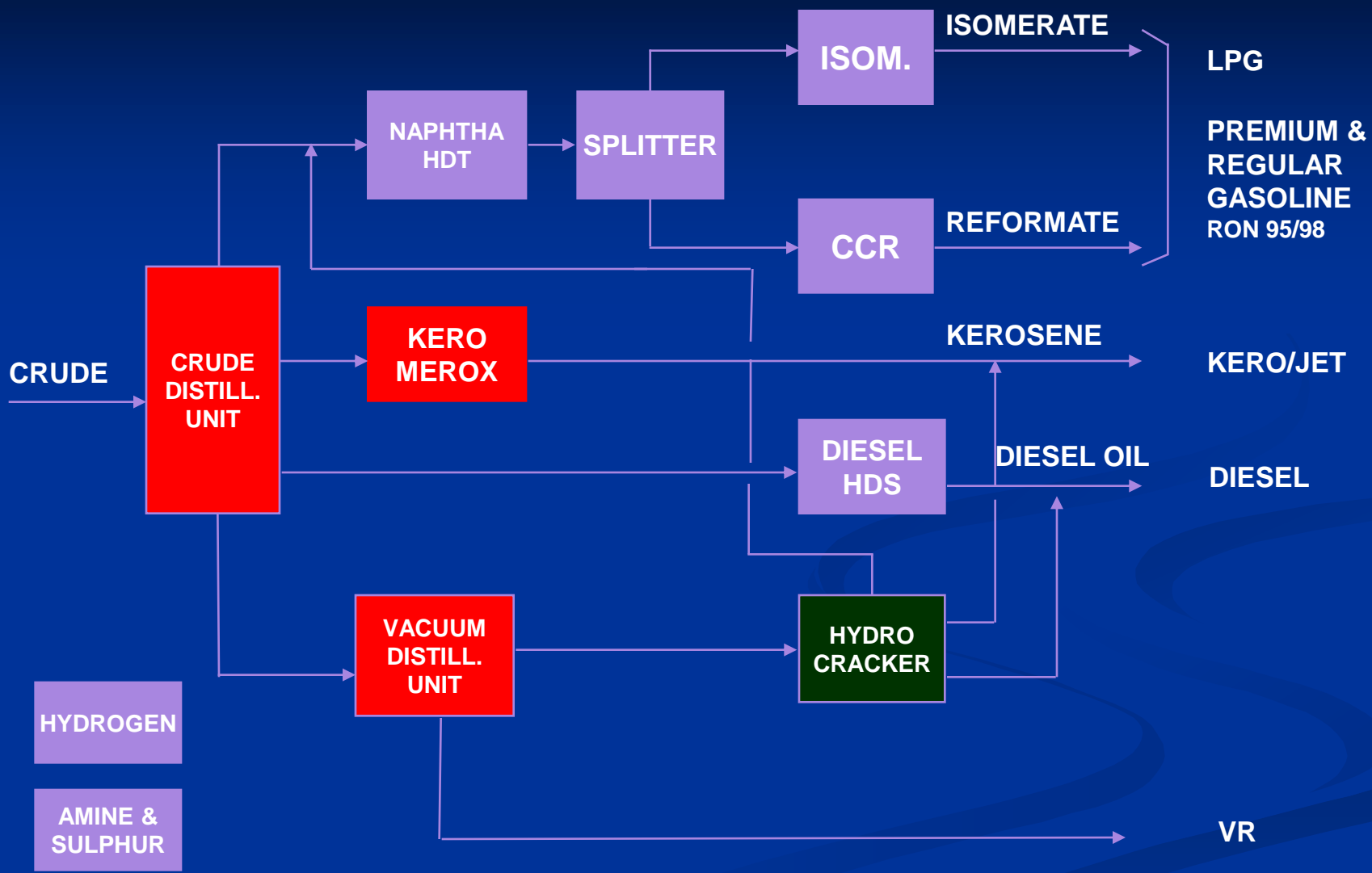
CDU Case (Topping Scheme)



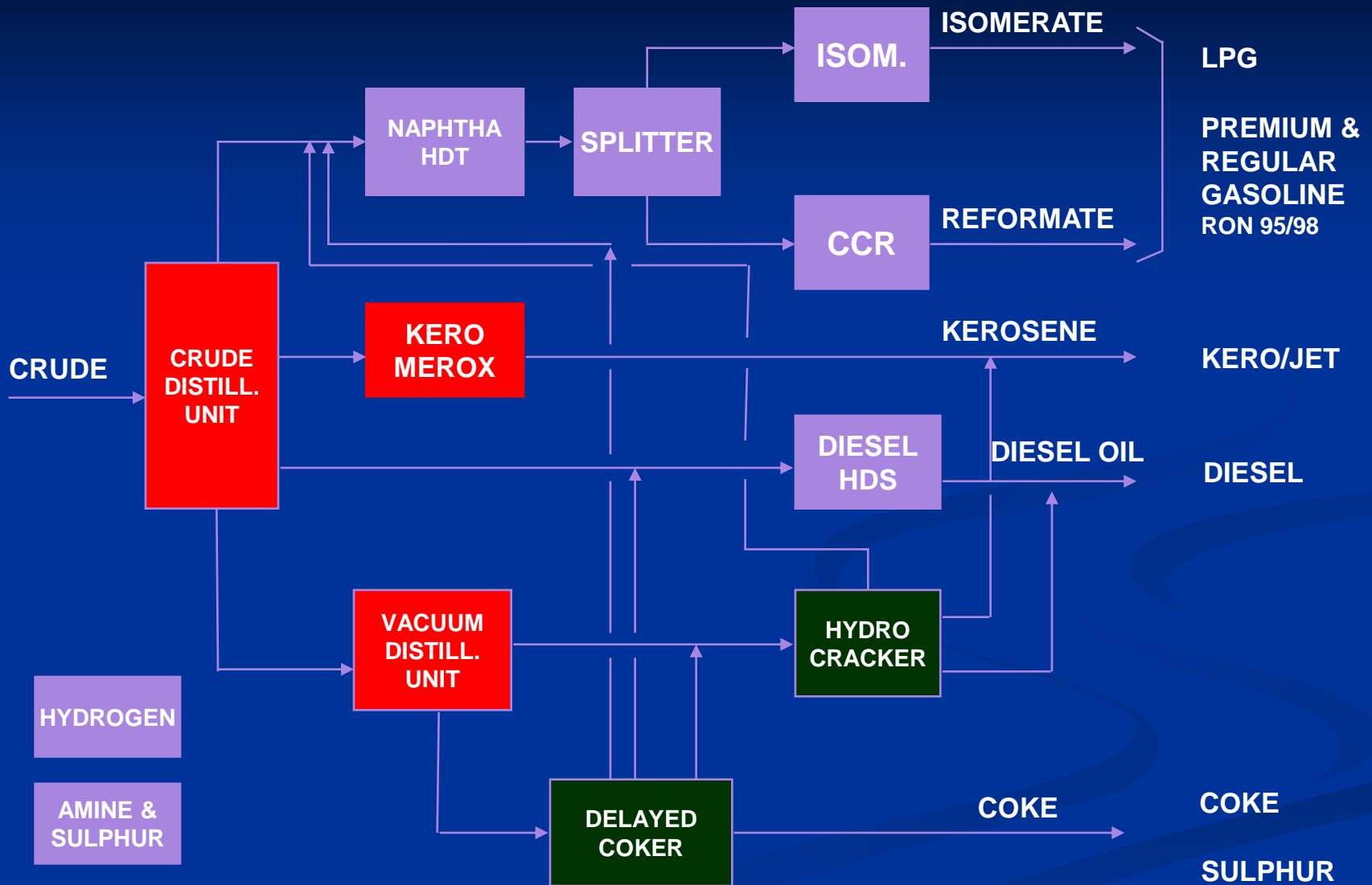
NHT Case (Hydro skimming Scheme)



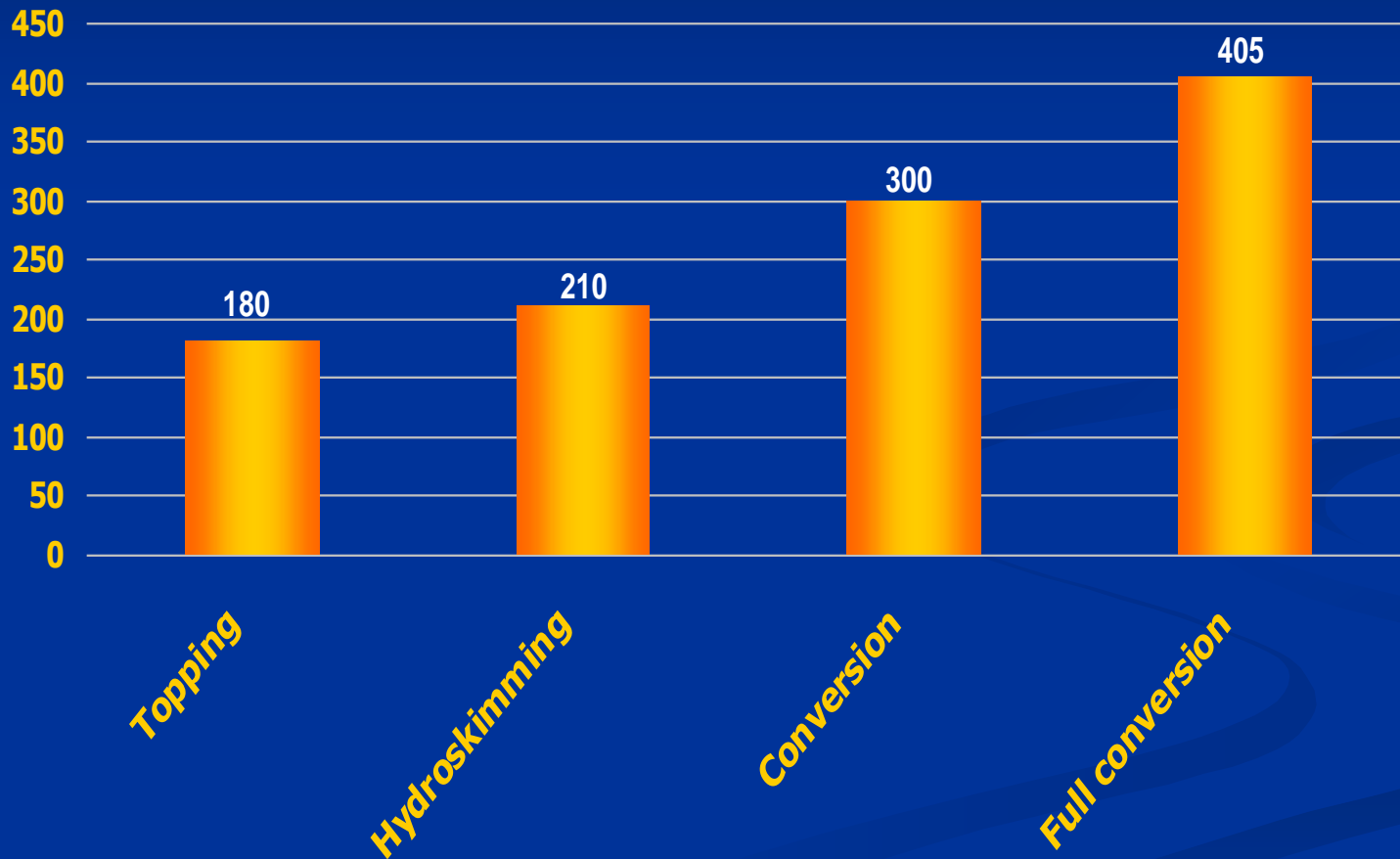
HC Case (Conversion Scheme)



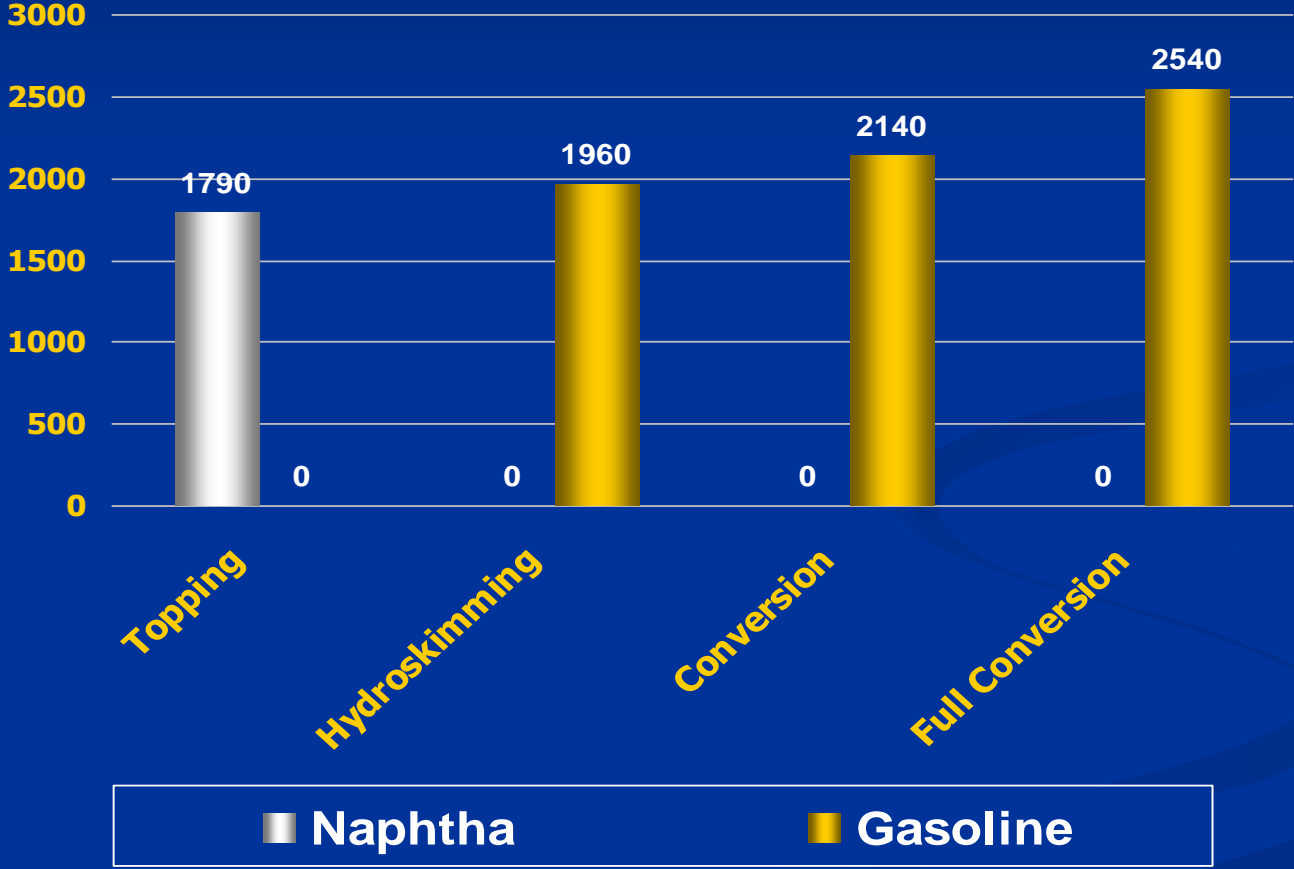
Coker Case (Full Conversion)



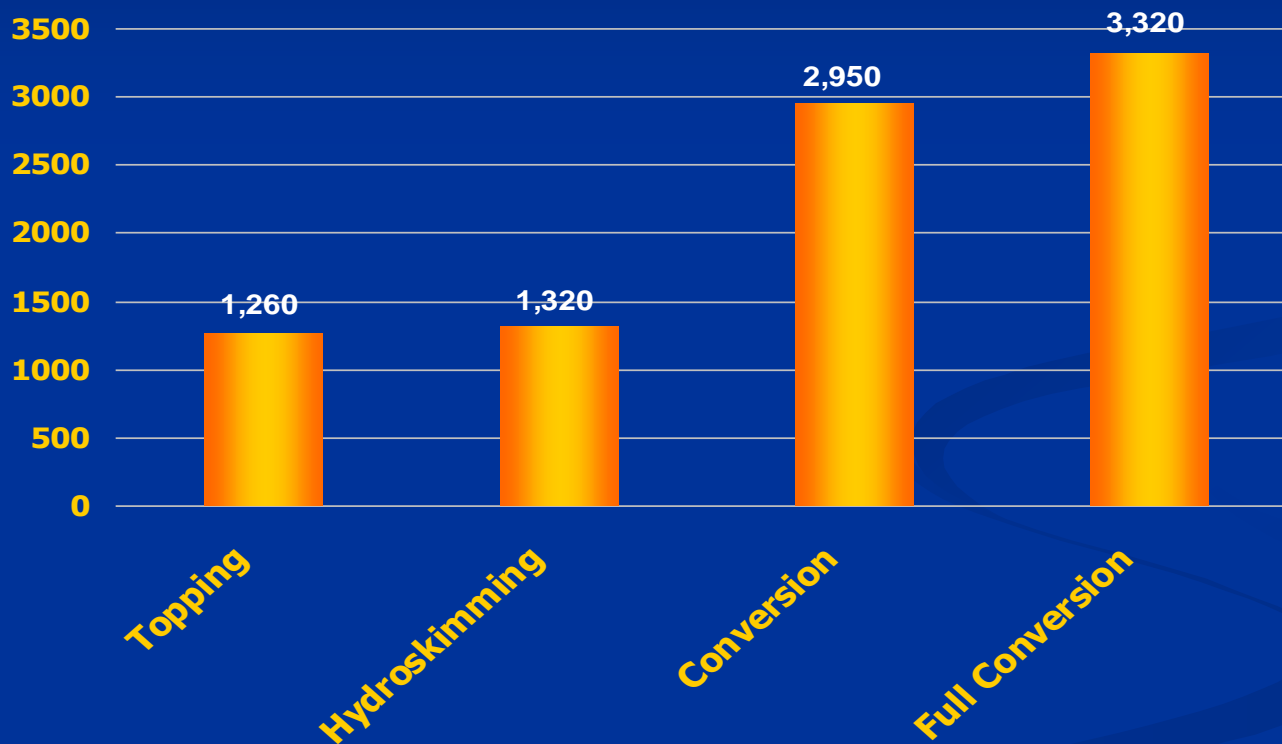
Production (TPD) LPG



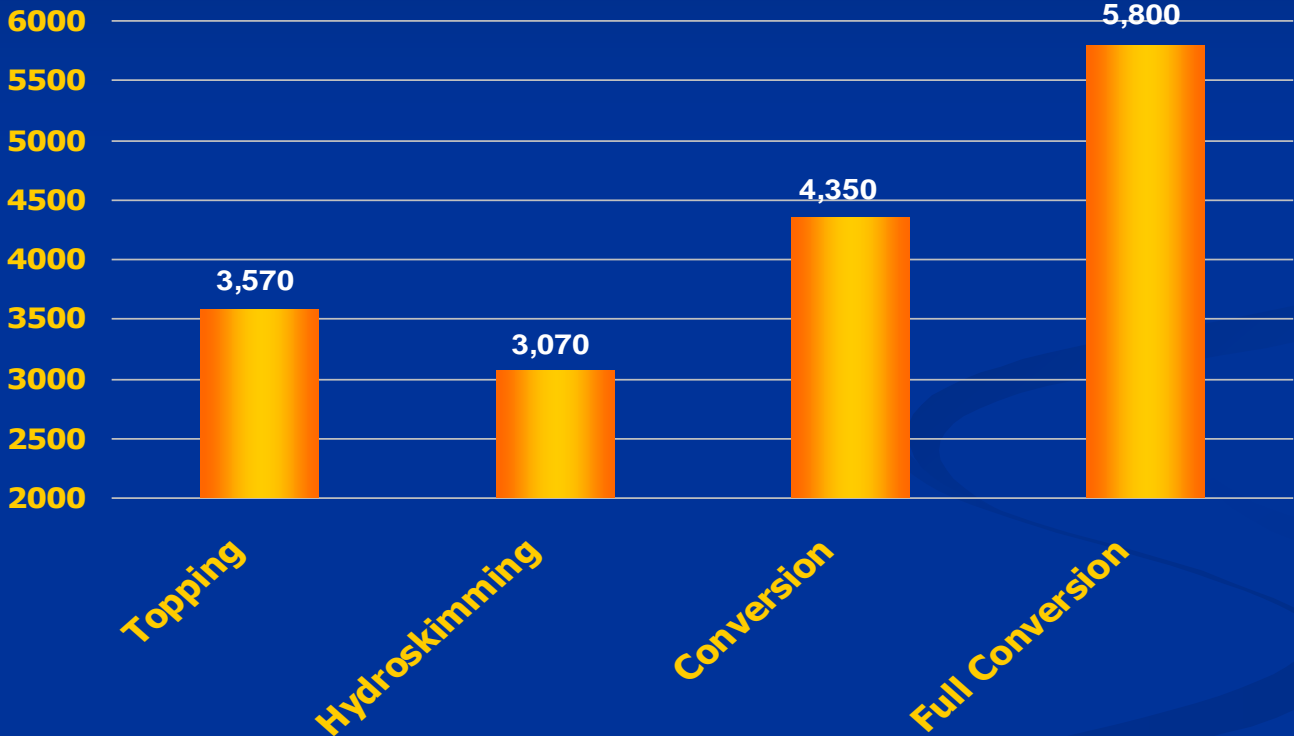
Production (TPD) Gasoline / Naphtha



Production (TPD) Jet



Production (TPD) Diesel



Economic Summary Analysis (000,US\$/Day)

Topping Hydro skimming Conversion Full Conversion

- Feedstock**

Purchases 10,894 10,884 10,914 10,913

- Product Sales 11,251 11,380 11,870 11,993**

- Gross Margin 357 496 956 1,080**

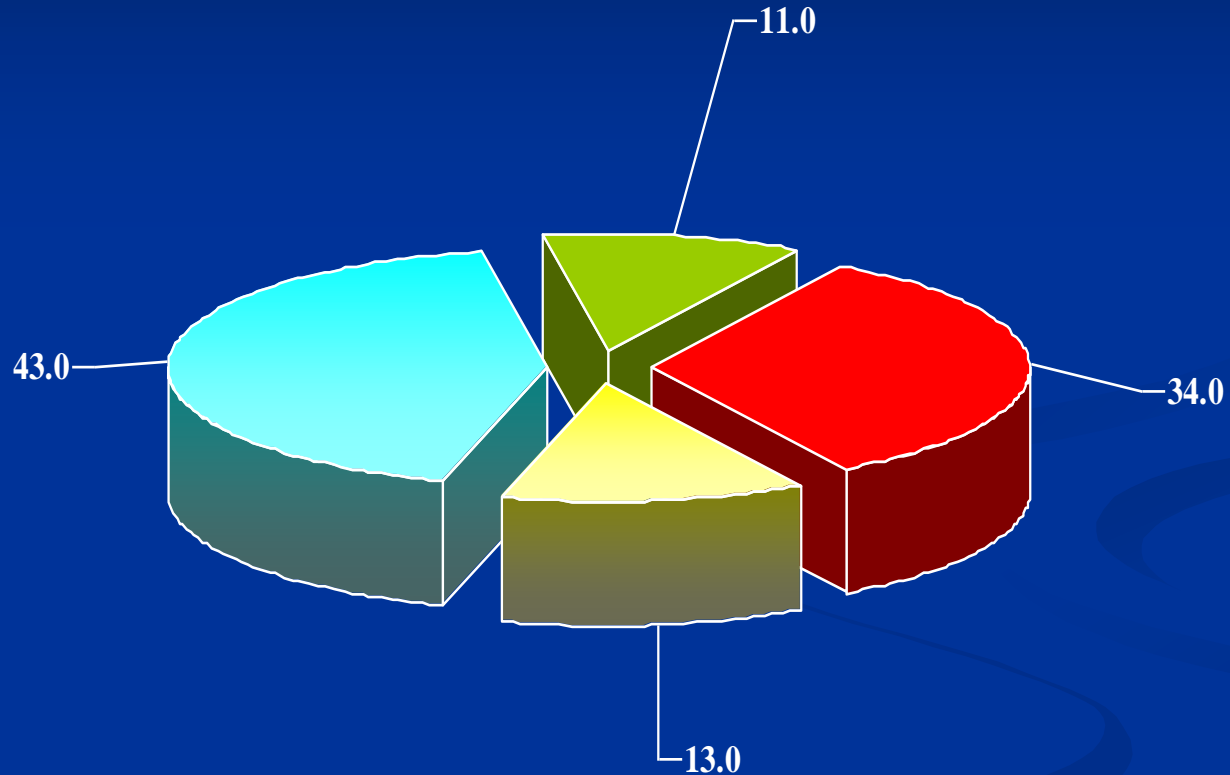
- Volume**

Expenses 26 46 76 100

- Net Operating**

Margin 331 450 880 980

Contribution to Refinery Margin %



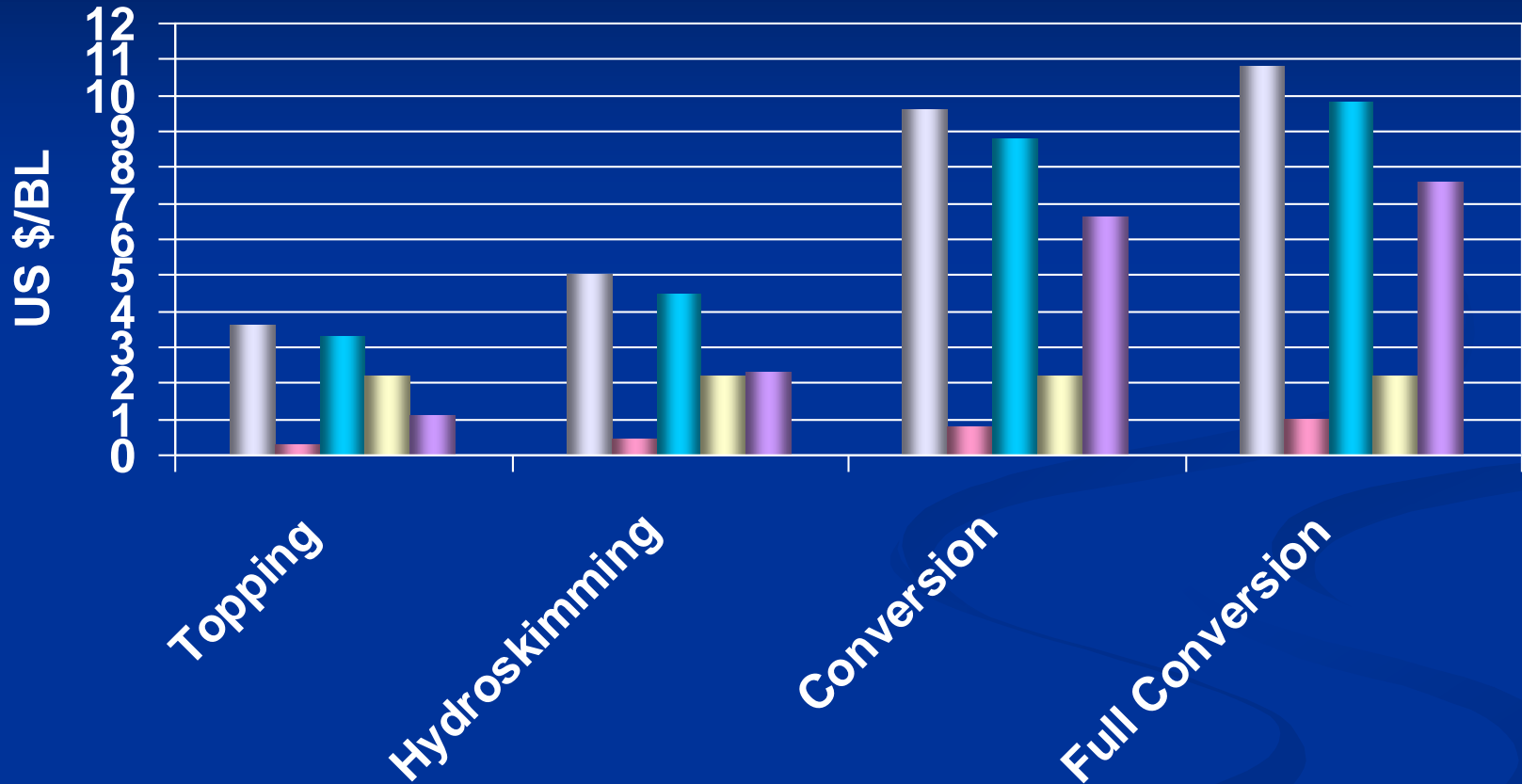
 Topping

 Hydroskimming (Nap)

 Conversion (HCR)

 Full Conversion (CKR)

Gross ,Opt and Net Margins MIDOR REFINERY



■ Gross Margin

■ Vol-EXP

■ OPT Margin

■ Non-Vol EXP

■ Net Margin

Hydrocracker is the heart Of MIDOR Refinery

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