

*Any data highlighted in red below is data that has been added or updated in the last release of the project

Capital PEC Report

Project ID: 1012663



Project Name FREEPORT GRASSROOT PETROLEUM REFINERY

Industry Code 06 Petroleum Refining (HPI)

Project Type Grassroot

[PEC Activity Diagram](#)

TIV (USD) 20,000,000,000

SIC Code 2911 Petroleum Refining

SIC Product 2911*0020 Jet Fuel-mfg, Naphtha Type (JP4)

Status Cancelled

Last Update 02-Aug-2010

Initial Release 12-Nov-2008

Environmental Air (A) Land (L) Water (W)

Construction Labor Preference Unconfirmed

Operations Labor Preference Unconfirmed



Plant Owner Hunton Energy

Plant Parent Hunton Group, Inc

Plant Name Freeport Refinery

Unit Name Crude

Plant ID 1081444

Phone +1 713 328 3727

Location Highway 332

Zone/County TX*07, Brazoria

City/State Freeport, Texas 77541 U.S.A.

Project Responsibility Project Company

Project Manager Hunton Energy

Project Contact

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Specification and Reliability

Hunton Energy

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U.S.A.

PEC® Timing

P1
Project Probability Low (0-69%)

PEC® Activity

Site Study

Scope OWNER is conducting Site Study for a Grassroot Petroleum Refinery. DETAILS: Construct a 340,000 BBL/d Refinery to process Canadian bitumen crude oil to produce jet and diesel fuels plus integrate Synthetic N/G Plt (01012169) & Cogen (01011319). REQUIRES: Pileings, Reactors, Distillation Columns, Heat Exchangers, Pumps, Compressors (Air & Gas), Tanks, Motors, Pumps, Bldgs, Heaters, Electric Utilities, Controls (DCS). ENVIRONMENTAL: (A) CEMS, Flares; (L) Containment Area; (W) Wastewater Treatment Unit.

Schedule OWNER expects to finalize agreements with Partners by 1Q09 (Jan). OWNER selects Tech Vendors to complete Process Design by 4Q09 (Oct). Upon Full Funding, OWNER selects E&C FIRM to release RFQ's & Sub Bid Documents 1Q10 (Jan)-4Q11. Construction Kick-Off 4Q10 (May). Project Completion 4Q14.

Engineering Civil	Electrical	Environmental HVAC	Instrumentation	Mechanical	Structural	Process
Contracting Civil	Electrical	Environmental HVAC	Instrumentation	Mechanical	Structural	General [G/C]

Project Key Needs	Civil/Site	Structural	Architectural	Control Room	Process Equip	Heat Transfer
	Instrumentation	Electrical	Mechanical	HVAC	Storage	NDE
	Piping/Fittings	Insulation/Coatings	Environmental	Utilities	Valves	Pumps
	Communications	Feedstock		Continuous Process		

Matter Phase Gas	Liquid	Solid	Vapor
Energy	Boiler		Incinerator
Buy Electricity	Fuel	Steam	
Sell			

Historical Reports

Project Name	Report Date	TIV	Phase
FREEPORT GRASSROOT PETROLEUM REFINERY	12-Nov-2008	20,000,000,000 USD	Site Study (P1 - 02)
FREEPORT GRASSROOT PETROLEUM REFINERY	06-Oct-2009	20,000,000,000 USD	Site Study (P1 - 02)
FREEPORT GRASSROOT PETROLEUM REFINERY	02-Aug-2010	20,000,000,000 USD	Site Study (P1 - 02)