



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

	Project Name FREEPORT GRASSROOT PETROLEUM REFINERY		Project Type Grassroot			
	Industry Code 06 Petroleum Refining (HPI)					
	TIV (USD) 20,000,000,000					
	SIC Code 2911 Petroleum Refining		Sector Crude Oil Refiners			
	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	
Location Highway 332	Phone +1 713 328 3727
City/State Freeport, Texas 77541 U.S.A.	Zone/County TX*07, Brazoria

Project Responsibility	Project Company	Project Contact
Project Manager	Hunton Energy 10555 Westpark Drive Houston, Texas 77042-5232 U.S.A.	Rocky Sembritzky President [Tel.] +1 713 328 3727 [E-Mail] rocky@huntonenergy.com
	Hunton Energy 10555 Westpark Drive Houston, Texas 77042-5232 U.S.A.	Paul Wallace Vice President & Chief Technology O [Tel.] +1 713 328 3727
Specification and Reliability	Hunton Energy 10555 Westpark Drive Houston, Texas 77042-5232 U.S.A.	Alma Rodarte Vice President Project Development [Tel.] +1 713 328 3727

PEC® Timing P1			PEC® Activity Site Study					
Project Probability Low (0-69%)								
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: Pilings, 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)