



Legend

International Boundary
 Provincial Boundary
 River
 Main City
 Other City

Energy Reserves
 Gas Field, Developed
 Gas Field, Undeveloped
 Oil Field
 Coal Field

Gas Consumption
 Gas consumption volumes converted at 950 Btu/cf

Concession Blocks
 Exploration or Mining/D&P Block

Oil & Gas Pipelines
 SNGPL
 SSGCL
 Dedicated Gas
 Oil
 Diameter in Inches

Oil Refineries
 > 100,000 BPSD
 < 100,000 BPSD

Oil Storages
 > 100,000 MT
 10,000 MT - 100,000 MT
 1,000 MT - 10,000 MT
 < 1,000 MT

Power Stations
 Hydel (WAPDA)
 Thermal (WAPDA)
 Thermal (KESC)
 Thermal (IPP)
 Nuclear (PAEC)

Compressor Stations
 < 10,000 hp
 10,000 - 20,000 hp
 > 20,000 hp
 Horsepower shown in 1000s

Pumping Stations
 PARCO Pumping/Terminal Station

Conversion Units
 1 Ton of Oil Equivalent (TOE) = 7,454 barrels
 = 41,895 MMBtu
 = 2,236 ton of coal

Primary data source: Pakistan Energy Yearbook, FY2003
 Hydrocarbon Development Institute of Pakistan
 Ministry of Petroleum & Natural Resources
 Government of Pakistan

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Amendments					
No.	Date	Incl.	Description	Appr.	Date
1.	Apr. 03	AL	Final Draft FY01	AT	Apr. 03
2.	July 04	AL	Final Draft for FY03	AT	July 04
3.					
4.					
5.					

Revision: 00

km 50 25 0 50 100 150 200 km

Pakistan Energy Infrastructure

Drawing W4PEIEMP
 Date July 2004

Hagler Bailly Pakistan