



ROLE OF PPPIB IN THE DEVELOPMENT OF POWER SECTOR OF PAKISTAN

PPPIB bringing the generation adequacy

NTDC – committed to meet the mammoth tasks



conduct 30 independent power projects (IPPs) totaling 7,410 MW with cumulative investment of around US\$ 8.5 billion, which is an accomplishment that makes PPPIB stand out in the country's power sector. Subsequently, HES, MWKAPCO, a public sector entity, joined the league of IPPs after being privatized, currently more than 50% of electricity is fed into national grid by these IPPs.

PPPIB achieved a major landmark with the commissioning of 84 MW New Bony Escape Hydro Power Project in July 2013, which is the first ever hydro IPP established in the country. This commissioning of this project showed confidence of investors on power sector. Subsequently, HES, MWKAPCO and other public sector entities joined the league of IPPs after being privatized, currently more than 50% of electricity is fed into national grid by these IPPs.



intermittent energy crisis from the country. In a bid to increase power generation, the government has incorporated the advanced generation projects into the national grid. NTDC is committed to be the business role model for the public sector in Pakistan. NTDC is committed to be the business role model for the public sector in Pakistan. NTDC is committed to be the business role model for the public sector in Pakistan.

The Hub Power Company Limited

The Hub Power Company Limited is a joint venture with China Power International Holding Co., Ltd. (CPIH) and China Power Engineering Consulting Group Co., Ltd. (CPEC). The company is committed to providing reliable and affordable energy to the nation.

Hub: 1292 MW, 225 MW, 84 MW
Narawal: 1,300 MW
Alk: 1,300 MW

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Functions of PPPIB

economic goal and electricity the universally recognized an engine for economic growth.

PPPIB is working as a front line institution of government to bring additional power generating capacity with the aim to improve energy mix in power generation through blend of imported and indigenous fuel resources. This is evident from the fact that currently PPPIB is handling large portfolios in its portfolio. It has a total capacity of 11,200 MW consisting of 12 projects.

role of PPPIB in the development of power sector in Pakistan. PPPIB is committed to providing reliable and affordable energy to the nation.

to implement the power projects, award projects to sponsors or private power companies, prepare all necessary regulatory documents, ensure any such document in compliance with private power companies, their sponsors, lenders and other interested parties.

to promote and facilitate private sector participation in the Pakistan Power Sector in an efficient, fair and transparent manner, with coherent efforts of key stakeholders, in line with the Private Power Policy of GOP and the electricity demand/supply projections after taking into account the planned public sector power projects.

PPPIB 1994-2016

22 years of dedicated services to the Pakistan Power Sector

Track Record

- Facilitated over 9000 MW worth US\$ 110 billion FDI
- Implementation of first hydro IPP
- 47% of country's total installed capacity in private sector

Flagship CPEC Initiative

- Eight coal based IPPs of 7920 MW
- Three hydro IPPs of 2714 MW
- Over US\$ 17 billion FDI
- First IPP on Thar Coal started construction
- First High Voltage DC Transmission Line

Future Commitments

- Commissioning of 14000 MW in next five years
- Committed to develop affordable energy mix
- Coal 5093 MW, Hydro 1099 MW, R/LNG 5633 MW

PRIVATE POWER & INFRASTRUCTURE BOARD

Ministry of Water & Power, Government of Pakistan

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National Transmission and Despatch Company Ltd.

Striving for Reliable Grid

Proud to Build and Operate Bulk Transmission System in Most Part of the Country

Projects Completed (Last 3 year) 26 Projects Under Execution 41

Description	500 KV		220 KV		Generation MW	
	Start	Complete	Start	Complete		
up to 2014-15	13	36,900	1,517	37	23,194	18,000
2015-16	3	2,874	84	2	2,139	321
2016-17	-	-	-	-	-	-
2017-18	-	-	-	-	-	-
2018-19	1	1,300	881	7	5,670	578
Total	18	41,074	1,757	50	33,873	18,799

Latest updates of NTDC Projects:

- 300 KV Transmission Lines for Evacuation of Power from 1320 MW Ring Road and 1320 MW Sahawal Coal Power Plant Completed in Nov 2016.
- 220 KV Dera Gokul Transmission completed in Sep 2016.
- 415 220 KV Dera Gokul Station - Chishtian Transmission completed in Sep 2016.
- 2 Line Sets of 220 KV grid station Sahawal completed in Sep 2016.
- 300 KV Sahawal grid station completed in May 2016.
- 415 220 KV Dera Gokul Station - Chishtian Transmission completed in Sep 2016.
- 200 KV grid station Sahawal will be ready in Jan 2017.
- 300 KV grid station Sahawal will be completed in Dec 2017.
- 500 KV grid station Sahawal will be completed in Nov 2017.
- Construction of 220 KV Dera Gokul Station will be completed in March 2017.
- 7 Hub Power Plants with capacity of 500 MW have been connected with national grid through 132 KV Sahawal line in Thar Block, whereas 220 KV transmission line Sahawal - Dera Gokul will be completed in March 2017.
- 220 KV Sahawal grid station will be ready in Sep 2017.
- For evacuation of power from Guad-4-Atom Power Plant, 220 KV grid station and 45 km transmission line in ready for commissioning by mid of Nov 2017.
- Grid station and 35 km transmission line in ready for commissioning by mid of Nov 2017.
- Construction of 220 KV Dera Gokul Station will be completed in Sep 2017.
- Transmission line for Evacuation of power from 800 MW Engro Thar Coal power plant will be ready in Sep 2017.
- Construction line for Evacuation of power from 1320 MW Hub Coal power plant will be ready in Dec 2018.

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Government of Sindh is developing of Sindh to develop a coal mine at Thar which has the seventh largest reserves of coal in the world. Utilization of coal in the field. Utilization of coal in the field. Utilization of coal in the field.

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