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Special Report (Combined)

Deople's Republic of China

PPIB'S EFFORTS IN POWER SECTOR THROUGH CPEC



Shah Jahan Mirza

Managing Director PPIB ery soon after foun of the People's Rep of China in 1949, Pakistan established its Pakistan established its diplomatic pakistan diplomatic pakistonialpis in the year 1951. Ever seece, both countries are not only enjoying anextmooflanty friendship but during the past six decades have energed as trusted partners in all weathers. Genuine efforts are being made by the both governments to eliminate the hardles in economic development. The cooperation includes all fields of mutual interests such as enemy,

includes all fields of mutual interests such as energy, infrastructure, agriculture, infrastructure, agriculture, infrastructure, agriculture, depth, mutual respect and maturity of the relationship constructed over the last 69 years. The Private Power and Infrastructure Board (PPIB) working as a "One Stop Organization", on behalf of Government of Pakistan is muking its all-out efforts for adding reliable and efficient power generation to the national

adding renante and efficient power generation to the national grid through both private and public sectors' investment. There are currently, fourty(40) commissioned IPPsbeing commissioned IPPsbeing administered by PPIB, with a

electricity being fed into the national grid. PPIB, having a experience of facilitating large z a rich national grid. PPIB, having a rich experience of facilitating large number of investors in setting up power generation and related infrastructure projects since its inception has been accorded a pivotal role in implementing power projects included in the CPEC. experience of ficilitating lings manned of invectors in steining uping manned of invectors in steining upin power generation and clusted attracturation groups are considered and interacturation groups are considered and interacturation of the product of the implementing power projects included on the PGFEC.

CHECK. The production of the proposed and designed efforts of proposed under CPELT, Pull your disciplination of the proposed under CPELT and the proposed under



again enbased the gigantic challenge of himping in investment through CPEC to challenge of himping in investment through CPEC to cover the major electricity shortful florough private sector power poises. Currently, PPIII's share for CPEC projects includes the control of the control of the control of the district multiple find based of the control of the 4,000 MW load transmitting 1,000 MW l

project in private sector (660 MW Thar coal based MW Thar coal based EngroPowergen, 1,320 MW Sahiwal, 1,320 MW at Port Qasim and 1,320 MW at Hub) being developed under CPEC regime have achieved commercial operations andsupplying reliable and affordable electricity to the

attordable electricity to the national grid. The completion of these large scale baseload coal power plants is not only helping in bridging electricity demand supply gap but also setting trend for attracting future FDI through secure and

cenance and attordable new generating capacity to the national grid and becominga major source of FDI in the Country. The CPEC projects being implemented by PPIB are spread all across the country, by giving the investment transparent poncy trameworksor GoPbeing implemented by PPIB.All these projects are being developed in strict compliance with the International

standards of World Bank/IFC

are presently under construction

based on most availed Thar could. The next you constructed and under construction imported could under construction imported to all under construction imported to all under construction imported to all under constructions are constructed in the processing of feed and the processing of feed and the processing of the processing of the processing under the public the public the public the processing under the public the pu

are also giving due importance on their Corporate Social Responsibility (CSR) activities. These companies are liaising with various NGOs, UN agencie revivate and government sector with various . . . private and government sector entities to mobilize resources and enuties to mobilize resources an facilitate its CSR activities in Thar region with special focus of education, health, livelihoods an skill development.

education, health, livelihoods and skill development. Hydropower is a clean, cheap and renewable power generation resource. Four (4) hydropower projects with cumulative capacity of 3,428 MW are being developed by PPIB underthe CPEC, of which 884MW Suki Kinari and 720 MW Karot HPPs are presently under construction.

PPIB is a leading institution of the Government of Pakistan in implementing the game changer China Pakistan Economic Corridor (CPEC) initiative for developing the power sector, under which it is currently handling nine coal power projects of 8,220 MW, four hydropower projects of 3,428 MW and a + HVDCTransmission Line

whereas 1,124 MW Kohalaand 700 MW Azad Pattan HPPs are being pursued by PPHS for achievement of Financial Close at earliest. Through active involvement of both Chinese and Pakistani government. both Chinese and Pakistani governments, and to transform a

dream to construct Pakistar's first transmission line project in private sector into reality, an HVDC transmission line project which is approximately 900 km long is also being undertaken under CPEC and is targeted to be completed during 2021. The Project is in construction phase after achieving Financial Close in February 2019. This project will not only strengthen Pakistaris transmission line infrastructure but will also connect major Thar

transmission line infrastructure but will also connect major Than coal based projects under CPEC to the national grid. Completion of this project is likely to further enhance confidence of both national and international

investors to invest in transmission line projects in addition to power generation

utilitations are projects are also projects. CFEC energy projects are also projects. CFEC energy projects are also projects are also provide the project of the project of the providing energial project of the providing energial project of the providing energial project of the providing the providing energial project of the providing the energy project of the providing the energy project of the energy project of the energy project of the energy providing the energy providing the energy providing the energy providing the energy project of the ene

Pakistanis. PPIB, while playing an importan

projectsthrough active participation and support of both national and international

PPIB's Recent Landmark Achievements in CPEC

- COD of 660 MW Thar coal based Power

- COD of 1,320 MW Hub imported Coal based Power Project, August 2019 - COD of 1,320 MW Port Qasim imported Coal - COD of 1,320 MW Sahiwal Imported Col based Project, April 2018. - COD of 1,320 MW Sahiwal Imported Coal based Project, October 2017.

based Project, October 2017.

- Construction start of ±660 kV Matiari-Lahore HVDC Transmission Line Project after achievement of Financial Close in February 2019.

- Financial Close of 720 MW Karot HPP, February 2017 - Financial Close of 884 MW Suki Kinari, the largest Hydro IPP, December 2016.
- Signing of project agreements for 1124 MW
Kohala in June 2020 and 700 MW Azad Pattan

in July 2020 - Financial Close of 330 MW That coal based power project, January 2020.

- Construction start of 1,320 MW Thar Coal

based Project by Shanghai Electric.
- Launching of new Power Generation Policy
2015

- Launching of Policy Framework for Private Sector Transmission Line Projects 2015.

generations. This will not only boost economy of our country but will also help in preventing the slowdown of economic growth which was developed in the past due to load shedding an acute power shortages. investors including organizations from public sector is putting its untiring and unparalleled efforts in turning the government's ambitious plans into reality. The dream of both the countries in successful implementation of

Private Power and Infrastructure

Our Vision Our Destination

An Energy-Sufficient **Pakistan**

PPIB is the leading institution of the GoP for implementing the game changer China Pakistan Economic Corridor (CPEC) initiative for developing the power sector.



FUTURE PRIVATE POWER PROJECTS

PRIVATE POWER

PROJECTS UNDER CPEC INITIATIVE

- ▶ 17 IPPs of 6030 MW under 1994 Power Policy with an investment of around 6.6 billion US\$
- ▶ 15 IPPs of around 3,200 MW completed under 2002 Power Policy with an investment of around 4 billion US\$
- 7 IPPs of 8,253 MW completed under 2015 power policy with an investment of around more than 9 billion US\$
- 3 hydro IPPs of 333 MW with an investment of around 900 million
- 22 IPPs of more than 12,000 MW cumulative power generation capacity
- 14 hydro IPPs of 6,175 MW, 6 Thar coal fired IPPs of 4,290 MW, one imported coal fired IPP of 300 MW and one RLNG based IPP of 1,263 MW under process by PPIB
- 2 hydro IPPs of 1,604 MW, 4 Thar coal fired IPPs of 2,640 MW and one RLNG based IPP of 1,263 MW are under construction
- ▶ +660 kV HVDC Matiari-Lahore Transmission Line project of 4000 MW
- 9 coal fired and 4 hydro IPPs of 11,648 MW under CPEC
- HISTORIC BREAKTHROUGH: Country's first Thar coal based Pov Project of 660 MW (Engro Powergen) achieved COD in July 2019
- Three imported coal fired IPPs of 3,960 MW achieved COD tan's first +660 kV Matiari-Lahore Transmission Line Pro
 - (4000 MW load transmitting capacity) which is also the first HVDC transmission line achieved Financial Close in February 2019 and started construction



Private Power and Infrastructure Board stry of Energy (Power Division), Government of Pakistan, nd and 2nd Floor, Emigration Tower, Maure Area, G-8/1, Islamabad - Pakistan 92(51) 9264034-41 | Fax: +92(51) 9264030-31 | Email: ppib@ppib.gov.pk



UAN: +92 42 111-007-555 | Tel: +92 42 35320643 | Fax: +92 42 35320563 | Email: info@guardrice.com | www.guardrice.com