



Japan's Assistance to Pakistan in the Energy Sector



Japan has assisted Pakistan's Energy Sector since 1977 and is willing to continue the efforts in the future.

Bin Qasim Thermal Power Station Extension Project (Loan): In order to meet the increasing demand of electricity in Karachi, Japan provided loan worth JPY15.3 Billion to KESC to install on the Bin Quasim Thermal Power Station. **Japan has contributed to an additional 200MW and 210MW generating capacity of Pakistan.**



Ghazi Barotha Hydropower Project (Loan): Japan provided loan worth JPY35 Billion to construct a barrage at Ghazi with a channel of 52 km, and a power complex at Barotha, with a view to exploiting a renewable energy source and hydropower to meet ever-increasing gap between energy demand and supply. **Japan has contributed to an additional 1450MW generating capacity of Pakistan.**



- (a) Load Dispatch System Upgrade Project (Loan 2005)
- (b) Dadu-Khuzdar Transmission System Project (Loan 2006)
- (c) Punjab Transmission Lines and Grid Stations Project (Loan 2008)
- (d) National transmission lines and grid stations strengthening project (Loan 2010):

Japan provided loan with total worth JPY42.78 Billion to construct additional facilities of transmission lines and grid stations which support the country's effort to achieve higher economic growth. **Japan has contributed to the reduction of power shortage/loss of Pakistan.**



1992,
1994

1996,
1997

2005

2006

2008

2010

Future projects

The project for introduction of clean energy by solar electricity (Grant): Japan provided grant worth JPY480 Million to replace the parts of electric power generating system by fossil fuel and contribute to the climate change policy of Pakistan. Through setting up solar energy panels in the Planning Commission and Pakistan Engineering Council in Islamabad, this project will promote clean energy utilization and will achieve emission reduction by installing the new system connected to the national grid. **Japan has contributed to popularization of this kind of solar power project in Pakistan.**



Hydropower Station Rehabilitation and Enhancement

Coal Power Development Project