## Recent JICA Projects in Power Sector



#### **Transmission Line Project (Punjab)**

# Punjab Transmission Lines and Grid Stations Project (on going) (JPY 12B)

Provide support to strengthen transmission systems in Punjab province to improve reliability and quality of power supply through the reduction of outages and voltage fluctuations and to meet the fast growing load demand. (2008-2022)

#### **Transmission Line Project (Islamabad)**

Transmission System Network Reinforcement Project in Islamabad and Burhan (on going) (JPY 2.6B) Provide support to strength existing transmission line in Islamabad and Burhan to be able to supply stable electricity. (2017-2025)

#### **Strengthening Training Center (Lahore)**

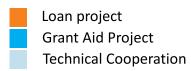
The Project for Strengthening Training Center on Grid System Operations and Maintenance. (JPY 990M) Provide to support training simulator and facility maintenance in training center to improve the skills of operation and supply stable electricity. (2016-2018)

#### Capacity building for NTDC (Punjab)

The Project for Enhancing Grid System Operation and Maintenance Capacities through Strengthening National Transmission and Despatch Company (NTDC) Technical Services Group (TSG) Training Center (on going) Provide support to improve the capacity of grid system operation and maintenance to improve quality of power supply. (2021-2023)

#### **Support Energy Standard & Labeling Regime (Nationwide)**

The Project for Developing Effective Phasing Out Strategy/Program of Inefficient Appliances to Support Energy Standards & Labeling Regime Provide support to implement the Energy Standards & labeling Regime to exclude inefficient products. (2019-2022)



SINDH

Karachi

### **Thematic Focus in Power Sector**



#### Issues

- Circular debt
- Demand and supply gap
- Transmission network destabilization
- Energy suppression of consumption through cost reduction of power generation fuel and promotion of renewable energy introduction

#### **Our direction**

- Based on the concept of low-decarbonization, support to planning and operation of capacity building, considering to generation and system stabilization, in order to promote renewable energy introduction.
- Support to transmission and substation maintenance and strengthening system operation to solve supply and demand gap
- Support to development of energy conservational institutions in order to improve energy efficiency of demand side.





Faisalabad West Grid Station under the PK-P58

TSG Training center, Lahore

220/132 kV Model Grid Station at TSG training center