USAID ENERGY POLICY PROGRAM

SUCCESS STORY

REGAINING LOST GENERATION CAPACITY

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SUCCESS STORY

Regaining Lost Generation Capacity

USAID extended US $ $19.32 million for rehabilitation of Jamshoro Thermal Power Station

Pakistan's neglected energy and power sector has not only thrust the country into darkness but has also contributed to its political and economic turn down. Key factors responsible for the country's year-long energy crisis owe it to poor management practices, aging equipment, wastage of energy, transmission and line losses, high cost of fuel, absence of renewable energy, and lack of efficient energy planning, to name a few.

In an effort to help the Government of Pakistan in its endeavors to pull the country out of this quagmire, the United States Agency for International Development (USAID), through a Government-to-Government (G2G) mechanism, is assisting in the repair and rehabilitation of the Jamshoro Thermal Power Station (JTPS). JTPS is located on the right bank of the Indus River, northwest of Jamshoro village and approximately 18 kilometers away from Hyderabad in the Sindh province.

Owned and operated by the Jamshoro Power Generation Company Limited (JPCL), the power station has a generation capacity of 850 MW; however, this capacity has considerably degraded over time. USAID support is helping JTPS regain its lost capacity. To this effect, the Energy Policy Program of USAID is reintegrating major components of the thermal power station. The rehabilitation effort is restored up to 270 MW of generation capacity, enough to supply electricity to more than 2.5 million people or 6,357,210 households.

To support G2G improvements, EPP is committed to improving cost and management efficiency through pilot policy programs including revision of the NEPRA tariff through heat rate testing, executing Power Purchase Agreement and determining fuel supply agreements. While the boilers, control systems, super heaters tubes, air pre-heater elements, ID fans, economizers, and other ancillary equipment are some of the major components restored at the JTPS that has helped EPP exceed targeted megawatts, remaining rehabilitation work at the power station is underway with more promising results in the future. All interventions will lead to improved energy services supplied to the economy and stability for consumers.