



Contribution ID: 125

Type: **Oral Presenter**

## **Power Production Dynamics of China Pakistan Economic Corridor in Pakistan**

*Monday 2 April 2018 13:40 (20 minutes)*

The major projects of the China Pakistan Economic Corridor CPEC are Energy focus based projects, approximately \$ 33 Billion are expected to be invested in this sector. As per China Pakistan Economic Corridor (CPEC) Early Harvest scheme 10,400MW of the electricity will be added to National Grid of Pakistan by March 2018. Power production projects under CPEC power production dynamic cover both renewable and nonrenewable realm. The renewable power production projects under CPEC are Qaid-e-Azam solar park (1000MW), UEP100MW wind Farm (Jhimpir, Thatta), Sachal wind Farm 50 MW, Dawood Wind Farm 50MW, Suki Kinary Hydropower station (870MW), Kohat Hydro power project (720MW) and Three Gorges second and third wind power project of the 100MW. Besides renewable energy projects the nonrenewable projects under CPEC in the country are Port Qasim coal-Fired power station (1320MW), Sahiwal coal-Fired power plant (1320MW), CPHGC Coal-Fired power plant (1320MW) and Thar First and Thar second each of the capacity of 1320MW. The current transmission lines capacity of the Pakistan is 15500MW to extend its capacity HVDC transmission lines of 660Kv from Matiari to Lahore and Matiari to Faisalabad is the part of Energy projects under CPEC in Pakistan.

**Authors:** Mr MUHAMMAD, Fazal (BUITEMS); Mr RAZA, Muhammad Waleed (BUITEMS)

**Co-authors:** Dr KHAN, Surat (BUITEMS); Mr AHMED, Aziz (BUITEMS)

**Presenter:** Mr MUHAMMAD, Fazal (BUITEMS)

**Session Classification:** Interdisciplinary

**Track Classification:** Environmental Management