

FRAMING OF ISSUES

TARIFF PETITION FILED FOR 50 MW WIND POWER PROJECT AT GHARODISTRICT THATTA SINDH BY ZEPHYR POWER (PVT) LIMITED

In the light of submissions of the petitioner, the following issues have been framed for hearing of the petition:

- i. Whether the proposed change in technology of plant and machinery along with increase in project cost and Operations cost, as requested by the petitioner is justifiable?
- ii. Whether, the stipulation of grid code regarding integration of wind power plants up to 5% of the total grid connected installed power capacity is being complied with and whether the consent from power purchaser for power evacuation arrangement for the proposed power plant is in place?
- iii. Whether the assumption / request of the petitioner regarding wind risk to be borne by the power purchaser is justifiable?
- iv. Whether the petitioner holds a valid LOI/LOS from AEDB??
- v. Whether or not the benchmark annual energy generation, 174.3 GWh (39.79%) is justified and whether the petitioner has any certification/ confirmation of energy numbers from any independent consultant (such as RISOE)?
- vi. Whether the Construction period of the project (24 months) for a 50 MW project, as claimed by the petitioner is justified?
- vii. Whether the project cost of US\$ 150.672 million (US\$ 3.013/MW) as claimed by petitioner for a 50.00 MW size project is justifiable?
- viii. Whether Sind Sales Tax US\$ 17.880 million (@ 15%) as claimed by the petitioner is justifiable
- ix. Whether the debt profile (50% foreign and 50% local) and other debt terms (such as Spread of 525 basis point on foreign financing), without any definite documents such as term sheet is justified?
- x. Whether the O & M costs of Rs. 2.0628/kWh are justified?
- xi. Whether the request of the petitioner for insurance during operations @ 1.35% of EPC cost and additional insurance, through subsequent revision, to cover political risk in Pakistan on requirement of international bankers is acceptable?
- xii. Any other matters with the approval of the Authority