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CDM – Executive Board

**View of project participant towards the contribution of the project activity to sustainable development.**

The project activity will lead to sustainable development and promote sustainable Industrial growth by conserving natural resources like coal and producing green power which is the most important requirement for growth of economy.

**Economic well being:**

The project activity is green field project and hence investment of 385.9 million Rupees mainly involves capital equipments (354.1 million Rupees<sup>4</sup>) hence will lead to growth of capital equipment manufacturer adding employment opportunities to professionals and workers. Project activity will generate electricity which country is deficit. Project activity will result addition of electricity supply capacity of the regional grid and grid further meet the requirement of electricity of the connected industries and agriculture sector. Due to better energy security in these sectors will contributed more to the national economy.

**Social well being:**

The project activity creates direct and indirect ways of employments, which leads to overall development of society in the way of economy, health, education etc.

The project activity shall provide direct employment to many temporary workers during project execution. After commissioning also, it will provide employment to a few skilled workers and to professionals.

**Environmental well-being:**

The Power generation in India is mainly fossil fuel coal based, this project activity will help to reduce the fossil fuel based power generation, hence helps to improve environment.

The Project activity is based on generation of power from the solar energy thus is clean, silent and timeless. Power generation from solar energy through Photo voltaic cell do not releases CO<sub>2</sub>.SO<sub>2</sub>.NO<sub>2</sub> and which are normally associated with burning of fossil fuel (which is the main source of power generation in host country India). Thus project activity effectively saving environment from emission of CO<sub>2</sub>; NO<sub>x</sub>; CH<sub>4</sub> gases and reduces solid waste generation due to fossil fuel based power generation, which would otherwise have been generated in absence of the project activity.

**Technological well-being**

The project activity uses the latest technology in the equipment design construction and specifications. The Photo voltaic is proven technology. Solar power shall augment the needs of peak hours, The CDM project activity will encourage similar type of projects to be implemented which would lead to reduction of GHG emission and would help to conserve the natural resources