The Project activity achieves the following goals.

- Utilisation of heat energy of waste gas.
- Meet the power requirement without any significant T & D losses.
- Helps to become self-reliant and less dependent on grid supply of electricity.
- Upgraded technology to achieve sustainable Industrial growth in State.
- Conserve natural resources and environment.
- Promotes the sustainable development.

The project activity will lead to sustainable development and promote sustainable Industrial growth by conserving natural resources and preventing the thermal impact even though no such statutory requirement exists.

Social benefit to state

The project activity increases the direct employment within the company for skilled manpower and Professionals as well as indirect employment opportunities outside the company, due to the project activity

Economical Benefits to State

The state will generate revenue out of the manufacturing activities supported by the captive power generation and due to purchase of equipment for execution of project by way of Sales Tax; Excise Duty; Entry Tax etc.

Environmental Benefit

The Project activity uses waste heat recovery based Power Plant by utilizing waste heat from flue gases coming from process and thus effectively saving environment of thermal pollution. The project activity displaces power from fossil fuel based Captive power of the company and hence reduces CO_2 emission

Reduction of T & D Losses of Power

The Power generated by the project activity will be used for in house requirement and consumption without any significant T&D losses. This is significant as grid has more than 32% losses in its T&D.

Reduction in SPM level in the Atmosphere and other additional Economic benefits

The proposed ESP shall remove the ash from Flue Gases which will be collected in ash hopper. This ash will be given free of cost to cement plants & brick manufactures for further Economic benefit and use.

The ash used for production of bricks saves the valuable productive soil; also it reduces the air pollution caused by the conventional brick kilns due to the coal burning.