

MAWANA SUGARS COMMITMENT TO A GREENER PLANET

Mawana Sugars as a responsible corporate citizen understands its responsibility towards the environment and thus is committed to the cause of a '**GREENER PLANET**'. Mawana contributes to this cause by reducing the carbon footprints. The initiatives taken by Mawana Sugars in this area are mentioned as under:

Generating green power from Bagasse

- Saves generation of the same amount of power in grid-connected, fossil fuel dominated power plants.
- Reduces GHG (Green House Gases) emissions due to reduced usage of conventional fossil fuels like coal, oil, natural gas; thereby helps conserve these finite natural resources.
- Truly carbon-neutral, since CO₂ emission due to combustion of bagasse is more than offset by its absorption, thanks to the surrounding cane fields.
- Efficient utilisation of locally available bagasse gives sustainable competitive advantage to the cultivation of sugarcane.
- Sets an example for other sugar mills by making bagasse-based cogeneration seem more attractive due to its revenue potential.
- Increased power availability due to distributed electricity generation improves the quality of life in the surrounding villages.

CDM projects at Mawana Sugars - Commitment to sustainable development.

CDM projects at Mawana Sugars entail increasing the efficiency of bagasse (a renewable fuel source, produced as residue from sugarcane processing) based cogeneration units at the three plants of the company. These plants sell electricity to the regional grid, thereby substituting the power generated by carbon-intensive northern grid, to which the state of Uttar Pradesh is connected. The power plants connected to the northern grid use conventional fossil fuels like coal, diesel/ oil, natural gas, among others. Thus, the project activity would reduce CO₂ emissions and also conserve finite fossil fuels to that extent.

Mawana Sugars and ADB – A green partnership

- Four registered CDM projects to generate over 1.5 million Certified Emission Reduction Units (CERs) till 2016.
- ADB has an agreement with Mawana Sugars to buy 0.308 million CERs.
- ADB selected Mawana Sugars as a partner after rigorous due diligence.