



NSL *SUGARS*

Sustainable Food, Fuel & Power

NSL Sugars Limited, Unit-III, Jaymahesh



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BASIC INFORMATION	
Title of the project activity	Carbon Credit Generation Project by NSL Sugars Ltd. at Pawarwadi, Maharashtra, India.
Scale of the project activity	Large Scale
Completion date of the PCN	15/12/2024
Project participants	NSL Sugars Ltd Unit III, Jay Mahesh
Host Party	India
Applied methodologies and standardized baselines	<p>CDM Methodologies:</p> <ol style="list-style-type: none"> 1) ACM0006: Electricity and heat generation from biomass, version 16.0 2) ACM0017: Large-scale Consolidated Methodology: Production of biofuel, version 04.0 <p>Standardized baseline: Not applicable.</p>
Sectoral scopes	<p>Scopes specific to ACM0006: 01 Energy industries (Renewable/Non-Renewable Sources)</p> <p>Scopes specific to ACM0017: 01, 05, 07 and 15</p>



Picture 1: Cane carrier transports cane from the yard to the crusher



Picture 2: Mill house where the cane is crushed to extract juice and (b) Boiling house where impurities are removed from sugarcane juice



Picture 3: (a) Falling-film evaporators (FFEs) are used to concentrate juice through evaporation (b) Sugar house-processes sugarcane into sugar

Cogeneration Section



Picture 4: (a) Boiler house produce steam that's used in many stages of sugar manufacturing, (b) ESP, filtration device used in sugar factories to remove sugar dust and other fine particulate matter from a plant's flue gas stream



Picture 5: (a) Evaporation and distillation sections of Distillery and (b) Panorama view of Distillery unit



Picture 6: spray pond cools warm water from condensers and then pumps it back to the condensers and (b) Effluent treatment plant

THANK
YOU

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