

4/1/2016

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in, www.seiaaup.com

Uploaded on
www.seiaaup.in

To,

Dr. N.J. Singh,
Whole Time Director (EHS),
M/s DCM Shriram Ltd.,
5th Floor, Kanchenjunga Building,
18 Barakhamba Road,
New Delhi-110001.

Ref. No. 1931/Parya/SEAC/2764/2014/ AD(H)

Date: 15 January, 2016

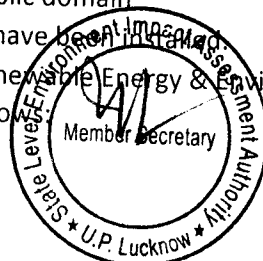
Sub: Environmental Clearance for environmental clearance for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

Dear Sir,

Please refer to your application/letters dated 12-01-2015, 26-03-2015, 16-04-2015, 04-05-2015 & 09-10-2015 addressed to the Secretary, State Level Expert Appraisal Committee (SEAC) and Director, Directorate of Environment Govt. of UP on the subject as above. A presentation was made by the representative of the project proponent along with their consultant M/s J.M. Enviro Net Pvt. Ltd in the SEAC meeting dated 27-11-2015.

The Project proponent, through documents (submitted to SEAC) and presentation made during meeting, has informed to the SEAC that:-

1. The environmental clearance is sought for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar.
2. DSCL Sugar - Ajbapur, a Division of DCM Shriram Ltd. is proposing for Modernization and Technical Up-gradation of Steam Generation accompanied by Enhancement in Co-generation capacity of Power Plant from 38MW to 55MW (Bagasse based) within the existing Sugar and Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, State: Uttar Pradesh.
3. As per EIA notification dated 14th Sept., 2006 & its subsequent amendments, this project falls under Category "B" S. No. 1(d) (4) Thermal Power Plants.
4. The project proponent also informed that:
 - No Additional Land is required for the proposed modernization.
 - No Additional Water is required.
 - No Additional Fuel is required for the proposed modernization.
 - No Increase In Pollution Load after the proposed modernization.
 - No Effluent Discharge in public domain
 - Online Monitoring Systems have been installed.
 - The proposed project is a Renewable Energy & Environment Friendly Project
5. Proposed expansion is as follows



E C for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

- Phase out old low pressure boilers & install new high pressure boiler

S.N	Particulars	Existing Capacity		Proposed Modification		Capacity after Modernization
		Flow	Pressure	Flow	Pressure	
1.	Texmaco Boiler	Flow	75 TPH	New Boiler		135 TPH
		Pressure	45 kg/cm ²	Flow	135 TPH	
		Temp.	425 Deg	Pressure	110 kg/cm ²	
2.	WIL Boiler	Flow	60 TPH	Temp.	540 Deg	
		Pressure	45 kg/cm ²			
		Temp.	425 Deg			
3.	IJT Boiler-1	Flow	60 TPH	No change (60 TPH)		60 TPH
		Pressure	88 kg/cm ²			
		Temp.	515 Deg			
4.	IJT Boiler-2	Flow	60 TPH	No change (60 TPH)		60 TPH
		Pressure	88 kg/cm ²			
		Temp.	515 Deg			
Total		255 TPH		255 TPH		255TPH

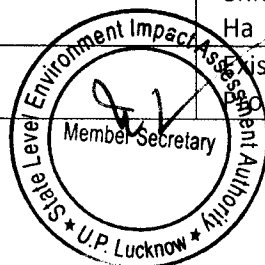
- Phase out inefficient TG Sets and install New/additional TG set

S.N.	Particulars	Existing Capacity	Proposed Modification	Capacity after Modernization
1.	Turbo Generator Set	3 MW x 3Units = 9MW	27.5MW (New)*	27.5MW
		1.5MW x 1Unit = 1.5 MW		
		7.5 MW Unit	7.5MW (To be replaced with efficient turbine)	7.5MW
		20 MW Unit	Unchanged	20MW
Total		38 MW	17 MW	55 MW

(The existing TG sets of capacity 3 MW x 3 TG sets & 1.5 MW TG set will be removed)

6. Salient features of the project is as follows:

S. N.	PARTICULARS	DETAILS
B.	Location Details	
	Village	Ajbapur
	PO	Mullapur
	Tehsil	Mohammadi
	District	Lakhimpur Kheri
	State	Uttar Pradesh
	Latitude	27°46'47.37"N to 27°47'20.53"N
	Longitude	80°11'46.64"E to 80°12'13.74"E
	Gol Toposheet No.	63A1, 63A2, 63A5, 63A6
C.	Area Details	
	Total Plant Area	No additional land is required for the proposed enhancement and the existing plant area is 46.891 Ha
	Greenbelt/Plantation Area (ha)	Existing: 12.0 Ha Proposed: 3.61 Ha



E C for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

7. Project water, power and etc. requirement details is as follows:

S. N.	PARTICULARS	REQUIREMENT DETAILS			
		No additional water is required for the proposed enhancement/modernization project.			
1.	Water Requirement (KLD)	Purpose	Existing	Additional for proposed Modernization project	Total after proposed Modernization/ Enhancement
		Industrial Use			
		Cooling Water	800	NIL	800
		Boiler	200	NIL	200
		Washing	100	NIL	100
		Domestic Use	200	NIL	200
		Total	1300	NIL	1300
		Source: Existing Tube well			
2.	Power Requirement (MW)	Nil. No additional power is required for the proposed expansion.			
3.	Man Power Requirement	Particulars	Existing	Additional for Proposed Modernization project	Total After Modernization/ Enhancement
		Management Employee	6	Nil	6
		Skilled	40	4	44
		Semi-Skilled	14	Nil	14
		Unskilled (Contract Labour)	As per site requirement	Nil	Nil
		Total	60	4	64

8. Fuel details is as follows:

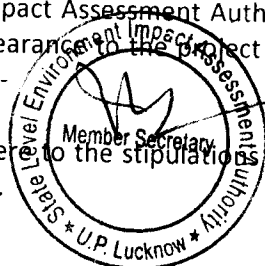
S. N.	Fuel	Requirement (Million Ton Per Annum)			Source	Distance & Mode of Transportation
		Existing	Additional for Proposed expansion	Total after proposed expansion		
1.	Bagasse	0.465	Nil	0.465	Existing Sugar plant	Within the plant through Conveyor Belt

9. Wastewater generated from the DM plant is being/will be neutralized and will be reused for greenbelt development/plantation.
10. ETP is/will be used for treatment of waste water.
11. Domestic & office waste water generated is/will be discharged in soak pits via septic tanks.
12. Bagasse ash is/will be used for making roads, as land fill, soil amendment and brick manufacturing, etc.
13. Spent oil and grease generated from the equipment, will be partly used in oiling & greasing for lubrication of external parts of machinery & balance will be sold to the CPCB authorized vendors.
14. The project proposals are covered under category 1 "d" of EIA Notification, 2006.

Based on the recommendations of the State Level Expert Appraisal Committee Meeting (SEAC) held on 27-11-2015 the State Level Environment Impact Assessment Authority (SEIAA) in its Meeting held on 02-01-2016 decided to grant the Environmental Clearance to the project subject to the effective implementation of the following general and specific conditions:-

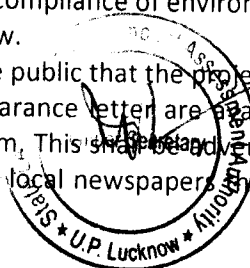
General Conditions:

1. The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board and the State Government.



E C for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

2. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, UP.
3. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
4. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to UPPCB/CPCB and Regional Office, of MoEF at Lucknow once in six months.
5. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be recycled in the plant and there shall not be any discharge of industrial waste water as committed by the project proponent during the presentation.
6. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night times).
7. Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
8. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
9. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
10. As proposed, budget shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by SEIAA as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of MoEF at Lucknow. The funds so provided shall not be diverted for any other purpose.
11. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
12. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely; PM₁₀, PM_{2.5}, SO₂, NO_x (ambient levels as well as stack emissions) for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
13. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, CPCB and UPPCB. The Regional Office of MoEF at Lucknow / CPCB / SPCB shall monitor the stipulated conditions.
14. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MoEF at Lucknow.
15. The Project Proponent shall inform the public that the project has been accorded Environmental Clearance by the SEIAAUP and copies of the clearance letter are available with the SPCB and may also be seen at Website of the SEIAAUP at seiaaup.com. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which



E C for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.

16. Project authorities shall inform the Regional Office of MoEF, Lucknow as well as the SEIAA the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.

Specific Conditions:

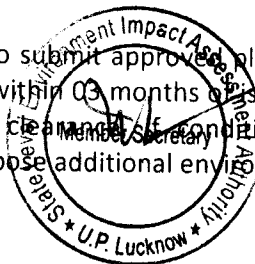
1. Two continuous ambient Air Quality Monitoring Station one in up wind and other in predominant wind direction shall be installed immediately after the plant is in operation.
2. Flow measurement device should be installed at the outlet of ETP.
3. Minimum 33% of total plot area shall be developed as green belt as per norms of MoEF.
4. Water meter shall be installed at the points of effluent generation.
5. Storage of ash and baggasse shall not be left open. Storage places should be on remote sides of the villages.
6. Authorization for hazardous waste shall be obtained as per law.
7. Total project cost is Rs. 118 Cr. Corporate Social Responsibility (CSR) plan along with budgetary provision amounting to minimum Rs. 2.36 Cores as committed by project proponent shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority alongwith list of beneficiaries with their mobile nos./address.
8. SPM level from chimney should be restricted under current norms.
9. No Additional Land, No Additional Water, No Additional Fuel shall be used for the proposed modernization.
10. No Effluent Discharge shall be made in public domain.
11. Online Monitoring Systems for effluent monitoring shall be installed.
12. To reduce the emission of particulate matter and gasses, Electrostatic Precipitator shall be installed and connected with Boiler duct.
13. The Solid waste generated from the process will be mainly bagasse, filter cake (press mud) and boiler ash. 100 % Bagasse shall be reused as fuel in the boiler and excess bagasse, if any, shall be sent to other sugar plants for power generation. Molasses will be sent to the Distillery unit. Filter cake shall be sent for bio-composting in the Distillery.
14. Commitments made during the Public Hearing shall be complied with.
15. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures and to be removed after the completion of the project.
16. All storm water drain and conveyor belt should be covered.
17. Any litigation pending in the Courts of Law it shall be binding on project proponent.
18. Parking facility should be provided within the project premises.
19. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.

No construction/operation is to be started without obtaining Prior Environmental Clearance. Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.

This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Lakhimpur Kheri. In case of violation, it would not be effective and would automatically be stand cancelled.

You are also directed to ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deemed to be cancelled.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issue of the clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones,

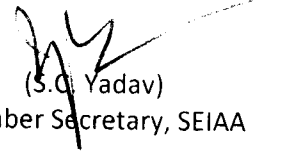


E C for Modernization & Technical Up-gradation of Steam Generation & Accompanying Enhancement in Co-generation Power Plant Capacity for 38 MW to 55 MW with the existing Sugar Co-Gen Plant at Village: Ajbapur, P.O.: Mullapur, Tehsil: Mohammadi, District: Lakhimpur Kheri, Uttar Pradesh, M/s DSCL Sugar, Regarding.

if necessary. Necessary statutory clearances should be obtained and submitted before start of any construction activity.

These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006 including the amendments and rules made thereafter.


This is to request you to take further necessary action in the matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14.9.2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(S.C. Yadav)
Member Secretary, SEIAA

No..... /Parya/SEAC/2764/2014/AD(H) Dated: As above

Copy with enclosure for Information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Chief Conservator, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Lakhimpur Kheri.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Dr. A.A. Khan)
OSD(T)/Nodal officer,
SEIAA, U.P.