



## Power

Ref: APL/APRL/EMD/EC/MoEFCC/284/05/24  
Date: 22/05/2024

To,

**Additional Principal Chief Conservator of Forest**  
**Ministry of Environment, Forest and Climate Change**  
Integrated Regional Office, Jaipur  
Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area.  
Jaipur – 302004, Rajasthan

**Sub: Six Monthly Compliance Status reports on Environment Clearance of Residential Complex for Phase I & II of Kawai Thermal Power Plant along with Environmental Monitoring reports- reg.**

**Ref:** 1) Environmental clearance letter no. F1 (4) SEIAA/SEAC-RAJ/SECTT/ PROJECT/ CAT.8 (a) B/ (444)/12-13, dated- 30/11/2012 and  
2) Environmental clearance letter no. F1 (4) SEIAA/SEAC-RAJ/SECTT/ PROJECT/CAT. 8(a) B2 (444)/13-14, dated- 22/01/2016

Dear Sir,

With reference to above subject, please find enclosed herewith Six-Monthly Environment Clearances (EC) compliance status report for **Residential Complex** (Phase I & Phase II) along with environmental monitoring reports etc. for the period of **October'2023 to March'2024** in soft (e-mail).

This is for your kind information & record please.

Thanking You,  
Yours faithfully,  
for **Adani Power Limited, Kawai**

**(R N Shukla)**  
**Head Env. & Forest**

**Encl:** as above

**CC:**

Member Secretary  
**Central Pollution control Board**  
Parivesh Bhavan, East Arjun Nagar  
Kendriya Paryavaran Bhawan  
New Delhi- 110 032.

Member Secretary,  
**Rajasthan State Pollution Control Board**  
4, Institutional Area, Jaipur - 302 004

Member Secretary  
**State Level Environment Impact Assessment Authority (SLEIAA),**  
4, Jhalana Institutional Area, Jhalana Doongri,  
Jaipur, Rajasthan  
Regional Officer,  
**Rajasthan State Pollution Control Board**  
Jhalawad, Rajasthan

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**SIX MONTHLY COMPLIANCE REPORT OF  
ENVIRONMENTAL CLEARANCE (EC)**

**RESIDENTIAL COMPLEX**

**For**

**Kawai Thermal Power Station (Phase I & II)**

**At**

**KAWAI VILLAGE, ATRU TEHSIL,  
DISTRICT BARAN  
RAJASTHAN**

*Submitted to:*

**Integrated Regional Office, Jaipur  
Ministry of Environment, Forest & Climate Change  
State Level Environment Impact Assessment Authority  
Central Pollution Control Board, New Delhi  
Rajasthan State Pollution Control Board, Jaipur**



*Submitted By:*

**Environment Management Department  
Adani Power Limited  
Village Kawai, Tehsil Atru,  
District Baran, Rajasthan**

**Period: October'2023 to March'2024**

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## Adani Power Limited, Kawai

### Introduction

Adani Power Limited, Kawai has constructed Residential Complex for 1320 (2x660) MW Coal-based Supercritical Thermal Power Plant at village: Kawai Tehsil: Atru District: Baran, Rajasthan.

Environmental Clearances & Consent to Operate for the Residential Complex has been granted by State Level Environmental Impact Assessment Authority and Rajasthan State Pollution Control Board respectively.

APL, Kawai has obtained environment clearance from State Level Environment Impact Assessment Authority, Rajasthan dated 30.11.2012 followed by amendment in EC vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.8 (a) (444)/2019-20 dated 16<sup>th</sup> July 2020 and transfer of environment clearance is obtained from Adani Power Rajasthan Limited to Adani Power Limited on 14.06.2023. Compliance of additional conditions mentioned in the amended EC is being complied with & status is updated in the half yearly compliance.

Environment Clearance (EC) was granted for expansion of Residential Complex as Phase – II Vide letter No. F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a)B2/(444)13-14 dated- 22.1.2016 and Amendment in Phase – II EC vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 8(a\_B2 (444)/13-14 dated 26th July 2019.

The Environment Quality Monitoring is being carried out by NABL accredited Environment Laboratory inside the plant premises and in nearby villages by M/s IRCLASS System and Solutions Pvt. Ltd. Jaipur.

Point wise compliance to the conditions stipulated in Environmental Clearance of Residential Complex for Kawai Thermal Power Station of APL is being furnished herewith.

**Construction activities of Residential Complex under Phase II project not started.**

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### **COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE** **For Residential Complex for Kawai Thermal Power Plant**

Vide letter No. F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a) B/ (444)12-13  
dated 30.11.2012, 16.07.2020 & 14.06.2023.

Sl. No	CONDITIONS	COMPLIANCE STATUS																										
<b>PART A: SPECIFIC CONDITION</b>																												
<b>I. Construction Phase</b>																												
i.	"Consent To Establish" shall be obtained from RPCB before start of any construction work at the site	Complied Both "Consent to Establish" (CTE) and 'Consent to Operate' (CTO) obtained from RSPCB. Renewed 'Consent to Operate' (CTO) has been obtained vide file no. F(CPM)/Baran (Atru)/1027(1)/2012-2013/1491-1493 and order no. 2020-2021/CPM/5648 dated 22.06.2020, CTO is valid up to 31.08.2024.																										
ii.	No mobile tower shall be installed	Complied. Mobile tower is not installed.																										
iii.	As envisaged, the PP shall earmark an amount of Rs. 567.50 lacs as initial capital cost and Rs.20.50 Lacs as annual recurring cost for implementing various environmental protection measures under the Environmental Management Plan	Complied. EMP Expenditure during construction phase: <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Item</th> <th style="width: 30%;">Capital Cost (Rs. Lakhs)</th> </tr> </thead> <tbody> <tr> <td>Sanitation facilities for construction workers</td> <td style="text-align: center;">10.0</td> </tr> <tr> <td>Curtain Wall around Project Boundary</td> <td style="text-align: center;">5.0</td> </tr> <tr> <td>Covered Storage for Construction Material</td> <td style="text-align: center;">7.0</td> </tr> <tr> <td>Sedimentation Trap for construction wastewater</td> <td style="text-align: center;">5.0</td> </tr> <tr> <td>Sewage Treatment Plant</td> <td style="text-align: center;">300.0</td> </tr> <tr> <td>DG Stacks</td> <td style="text-align: center;">5.0</td> </tr> <tr> <td>DG room acoustic treatment</td> <td style="text-align: center;">1.5</td> </tr> <tr> <td>Soild waste management</td> <td style="text-align: center;">15.0</td> </tr> <tr> <td>Rainwater harvesting</td> <td style="text-align: center;">4.0</td> </tr> <tr> <td>Landscaping</td> <td style="text-align: center;">65.0</td> </tr> <tr> <td>Solar lighting &amp; solar heating</td> <td style="text-align: center;">150.0</td> </tr> <tr> <td style="text-align: center;"><b>Total</b></td> <td style="text-align: center;"><b>567.5</b></td> </tr> </tbody> </table>	Item	Capital Cost (Rs. Lakhs)	Sanitation facilities for construction workers	10.0	Curtain Wall around Project Boundary	5.0	Covered Storage for Construction Material	7.0	Sedimentation Trap for construction wastewater	5.0	Sewage Treatment Plant	300.0	DG Stacks	5.0	DG room acoustic treatment	1.5	Soild waste management	15.0	Rainwater harvesting	4.0	Landscaping	65.0	Solar lighting & solar heating	150.0	<b>Total</b>	<b>567.5</b>
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<b>Total</b>	<b>567.5</b>																											
iv.	As committed, the PP shall invest an amount of Rs. 1.00 Crores in the first and Rs. 50.00 Lacs every year subsequently under CSR for School Education of Children, Anganwadi Services & Nutrition, Health & Sanitation, Livestock in the villages, Adult education & Youth Development, Income Generation Activities & Infrastructure support.	CSR activities are being carried out by Adani Foundation. Implementation / achievement of CSR activities is enclosed as <b>Annexure-II</b> .																										

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v.	That the grant of this EC is issued from the environmental angle only and does not absolved the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent	Noted & agreed.
vi.	The PP shall comply with the guideline of High-Rise Buildings as per office Memorandum no. 21-270/2008-IA.III dt. 07.02.2012	There are no high rises building in the Residential Complex.
vii.	For the conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33KV to 11KV and distributed at this level and finally brought to 440 volts	Complied Dedicated transformer for the Residential Complex is provided for conservation of electricity.
viii.	The PP shall obtain approval of drawing of laying of electrical lines from the concerned SE of RVUNL	Approval of drawing for lying of electrical lines is obtained from RVUNL-Chhabra.
ix.	The PP shall fulfill the requirement of energy regulatory commissions	Being followed the guidelines of Regulatory commissions.
x.	Feasibility of underground wiring maybe examined and followed	Underground wiring provided.
xi.	Open land may be earmarked for laying 132 KV Lines	Underground line provided for the Residential complex.
xii.	Road width and bench should be of adequate for easy movement of fire fighting vehicles	Standard Road width is provided for easy movement of vehicles
xiii.	The drain should be of adequate capacity and be lined till the final disposal point.	300mm to 900mm width lined drain are constructed from primary collection to final discharge point.
xiv.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities and such fuel for cooking, mobile toilets, mobile STP, safe drinking water, Medical Health Care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Labour for Construction activities were hired from local villages. Mobile toilets, STP drinking water and medical care facilities were provided during construction phase.
xv.	All required sanitary and hygienic measure shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the construction phase shall be ensured	Labor/ workers for Construction activities hired from local villages. Mobile toilet STP facility was provided during construction.
xvi.	Adequate drinking water facilities shall be provided for construction workers at the site	Drinking water supplied adequately in water dispenser from RO plant during construction phase.
xvii.	Provision shall be made for the supply of fuel (Kerosene or cooking gas); utensils such as pressure cookers etc. to the laborers	Not Applicable. All the labors hired from local villages.
xviii.	All the laborers engaged for construction shall be screened for the health and adequately treated before engaging them to work at site	Complied. Gate pass to labors have been issued only after thorough health checkup.
xix.	For disinfection of wastewater	For disinfection of wastewater, an inbuilt

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	appropriate tertiary treatment may be given	tertiary arrangement in STP (such as Filtration, disinfection by chlorination and holding tank) is provided.
xx.	All the top soil excavated during the construction shall be stored for use in horticulture / landscape development within the project site	Complied. Excavated soil during the construction period has been used for landscaping, horticulture, and greenbelt development within the premises of residential complex.
xxi.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of the people, only in approved site with the approval of competent authority	Complied Muck including other construction waste during construction phase was used as area grading and land filling within the project premises in such a way that they have no adverse effects on the neighboring communities and special precautions had taken for general safety and health aspects.
xxii.	Soil and ground water samples will be tested to ascertain that, there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants	Being Complied Environmental Monitoring including Soil and ground water sampling and analysis are being carried out. Monitoring report is enclosed as <b>Annexure-I.</b>
xxiii.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump site for such material must be secured so that they do not leach into the ground water	Complied Construction spoil was used for ground levelling. No hazardous material was used in the construction area. Ground water contaminations will not take place as the complex area is a part of rocky hard sandstone.
xxiv.	Diesel generator sets to be used during the construction phase shall be low-sulphur-diesel type and shall conform to Environment (Protection) Rules for air and noise emission standards	Power for Residential Complex was supplied from Kawai Power Plant.
xxv.	Vehicles hired for construction material and laborers to the site shall be in good conditions and shall conform to applicable air and noise emission standards and shall be approved during non-peak/approved hours	Only certified vehicle with valid PUC are allowed for Gate pass entry inside the Residential Complex as well as Kawai TPP.
xxvi.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase	Complied NABL accredited consultant has been appointed for Environmental monitoring of Ambient Air Quality, Water Quality and Noise Level monitoring etc. Monitoring reports for construction phase had been submitted.
xxvii.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September,1999 and amended as on August, 2003 (The above condition is applicable only if the project is within 100 km of Thermal Power Station)	Complied Fly Ash based Bricks and Paver block has been used for construction purpose.
xxviii	Ready mix concrete shall be used in building Construction	Complied
xxix.	Storm water control and its re-use as per CGWA and BIS standards for various	The storm water of the project area is routed to a rainwater harvesting pond.

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	applications.	
xxx.	The responsibility of water supply to the occupants would be that of the PP and the PP should ensure supply of water to occupants before occupancy from a legal source.	The required quantity of water is supplied from Parvan River for power plant as well as Residential Complex after treatment.
xxxi.	Water demand during construction shall be reduced by the use of pre-mix concrete, curing agents and other best practices	APL has used pre-mix concrete and fly ash bricks and adopted conservative measures for curing
xxxii	Total domestic water requirement shall not exceed 240 KLD. The PP shall source of water from Parvan Irrigation Project. The PP should ensure availability of required quantity of water from Parvan Irrigation Project and disposal of sewage in an environmentally safe manner	Being Complied It is ensured that the water required for domestic purpose is within 240 KLD. Treated sewage water is used for Greenbelt development & Horticulture.
xxxiii	Separation of grey and black water shall be done by the use of the dual plumbing line for separation of grey and black water	Complied Separate sewerage system for Black Water (from a toilet or urinal) and Grey Water (wastewater from sinks, showers, washing machines, dish washers and etc.) are provided.
xxxiv	Treatment of 100% grey water by decentralized treatment shall be done	Decentralized treatment facilities as modular STP of different capacities (3 Nos. of 10KLD, 2 Nos. of 45KLD and 2 Nos. of 60KLD) are provided for the treatment of Wastewater.
xxxv.	Building plan from the competent Authority shall be got approved and position cleared with reference to Master Plan	Complied.
xxxvi	Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits	Complied, maintained during construction. Monitoring reports for construction phase had been submitted.
xxxvii	A First Aid Room will be provided in the project both during construction and operation of the project	Dedicated Health Centre is available and working within the Residential Complex.
xxxviii	Any hazardous waste generated during construction phase shall be disposed off as per applicable rules and norms with necessary authorization of the RPCB	Complied during Construction Phase.
xxxix.	The approval of the competent authority shall be obtained from structural safety of the building due to earth quack, adequacy of the Fire Fighting equipment, etc. as per National Building Code 2005 including protection measures from lightening etc.	Complied Building structural design & safety design plan was prepared by competent architect and approved by Chartered Civil Engineer. Structural Stability Certificate had already been submitted.
xl.	Regular and periodic mock-up drills shall be undertaken by the fire department at least once in a year	Fire drill conducted twice in a year.
xli.	NOC shall be obtained from National State Disaster Management Authority, wherever applicable	Not applicable
xlii.	Regular supervision of the above and other measures for monitoring shall be in place through the construction phase, so as to avoid nuisance to the surroundings	Regular supervision was carried out by experienced professionals during construction period.
xliii.	Guidelines issued by concern Ministry for water scares areas may be followed	Being followed



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xliv.	Composting of biodegradable waste shall be carried out within the campus	Biodegradable waste is being composted at designated place within the plant premises through Organic Waste Converter (OWC) installed for the purpose
xlv.	STP sludge will be used for composting and compost will be used as manure	Disinfected Sludge is being used for composting & used as manure.
xlvi.	Provision of solar water heating/chilling/street lighting shall be explored	Solar street lighting has been provided.
xlvii.	Review and revise the DG set capacities for 100% power backup through optimization of power backup in case of power failure and emergency	Power Supply from station Transformer of TPP, with a backup facility for critical equipment's and Residential complex in Case of grid failure/blackout.
xlviii.	During construction and post construction / operation phase of the project, the proponent shall be responsible for implementation of EIA/EMP. Commitment of the proponent in this regard shall be submitted to RPCB at the time of applying for CTE	Complied CTE has been issued by RSPCB after submission of EMP and APL is committed to implement as suggested under EIA/EMP report.
xlix.	The project proponent shall fulfill in letter and spirit, all the commitments given/submitted to the SEAC office	Being complied and followed.
i.	The PP will ensure that the STP of 230 KLD as proposed performs as desired efficiency. Scheme of arrangement for disposal of treated sewage in a scientific manner should be submitted after approval from an expert before completion of the project	Being complied It is ensured that the desired efficiency of STP will always be maintained. Scheme of arrangement for disposal of treated sewage in a scientific manner is prepared by expert engineers. Decentralized modular STPs have been installed to fulfil desired efficiency.
ii.	After construction and handing of the project, the Resident Welfare Association or the maintenance agency shall be responsible for the EIA/EMP implementation. In this regard a suitable clause shall be put by the PP in the Maintenance agreement	Complied A full-fledged administrative and environmental management cell is dedicated for implementation of EMP.
<b>II. Operational Phase</b>		
i.	An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation discharge of treated sewage shall conform to the norms & standards of the RSPCB.	STP details submitted to RSPCB and CTO granted after evaluations of the same.
ii.	For conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33 KV and distributed at this level and finally brought to 440 Volts.	Noted Electrical voltage brought down from 33 KV to 11 KV for conservation and reduce losses.
iii.	Rain Water harvesting (RWH) for roof top run-off, as planned shall be implemented.	Complied Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system collect roof top & paved area.
iv.	Before recharging the surface run off, pre -	Siltation chamber is provided for Pre-

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	treatment must be done to remove the suspended matter, oil & grease.	treatment for removal of suspended matter. Oil & grease will be done before recharging.
v.	The rain water harvesting plan shall be as per Gol Manual.	Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system to collect run off, roof top & paved area.
vi.	The solid waste generated shall be properly collected & segregated before disposal to the City Municipal facility. The in-vessel bio-conversion technique may be used for composting the organic waste.	Being Complied Biodegradable waste is being composted at designated place within the plant premises through Organic Waste Converter (OWC) installed for the purpose.
vii.	Any hazardous waste including biomedical waste shall be disposed of as per applicable rules & norms with necessary approvals of the RSPCB.	The generated Bio-medical waste is being collected by an authorized vendor (M/s Hoswin Incinerator) on regular basis from dedicated Health Centre for Residential Complex.
viii.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day & night noise standards prescribed for residential land use. The open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.	Being Complied Vegetation developed all along the periphery of residential area is for noise attenuation
ix.	The D.G sets to be operate with stack height as per CPCB norms.	Not Applicable
x.	Incremental pollution loads on the ambient air quality noise and water quality shall be periodically monitored after commissioning of the project.	Being Complied. Monthly monitoring of Ambient Air Quality, Noise Level & Water Quality carried out. Monitoring report is enclosed as <b>Annexure-I</b> .
xi.	Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Complied. Low flow fixtures provided
xii.	Use of glass may be reduced by up to 40% to reduce the electric consumption and load in air- conditioning, if necessary, use the high quality double glass with special reflective coating windows.	Complied. Glass provided only in windows. The glass area in less than 40%.
xiii.	Roof shall meet prescriptive requirement as per Energy Conservation building code by using the appropriate thermal insulation material to fulfil the requirement.	Complied. RCC Roof provided with adequate thermal insulation.
xiv.	Opaque walls shall meet prescriptive requirement as per Energy Conservation building code for all air- conditioning spaces, whereas, for non-air- conditioner spaces, by use of appropriate thermal Insulation material to fulfil the requirement.	Complied. Opaque walls provided in the entire residential complex.
xv.	Application of solar energy shall be incorporated for illumination of common area, lighting for gardens and street lighting in addition to provision of solar water heating. A hybrid system or fully solar system for a portion of the apartments shall be provided	Solar street lighting provided.

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xvi.	Traffic congestion near the entry and exit points from the roads adjoining from the proposed project site must be avoided. Parking shall be fully internalized, and no public space shall be utilized	The construction of internal roads and approach roads has been planned for smooth control of traffic movement within the residential complex. Adequate parking provisions are made to cater to the occupants as well as visitors. Adequate parking for 4 wheelers, 2 wheelers and bicycle has been provided.
xvii.	A report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R&U factors, etc. Quantify energy saving measures.	Potential energy saving measures are provided with latest technology conforming to energy conservation norms of Bureau of Energy Efficiency.
xviii.	Proper system of channelizing excess storm water shall be provided	Excess storm water, if any, is channelized to the rainwater harvesting pond and outfall.
xix.	The power factor shall be maintained near unity	Compliance Assured
xx.	Trees and shrubs of local species shall be planted to allow habitats for birds with appropriate distance from the boundary	About 12422 trees and shrubs are planted within the Residential Complex area.
xxi.	Polyalthia longifolia (Ashok), Cassia fistula (Amaltas) and Ficus infectoria (Pilkhan) shall be planted	The respective species are already planted & plantation is being continued.
xxii.	Re-cycled water to match standards for cooling water system. MPN should be less than 5/100 ml in case of reuse of water of landscaping and flushing	Environmental Monitoring report is enclosed as <b>Annexure-I</b>
xxiii.	Adequate measures shall be taken to prevent odor from solid waste processing and STP	Biodegradable waste is being composted at designated place within the premises, Organic Waste Converter (OWC) installed for this purpose.
xxiv.	The SEIAA, Rajasthan reserves the right to add new condition, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA Rajasthan & RPCB	Noted & agreed.

**PART – B. GENERAL CONDITIONS**

i	The environmental safeguards contained in Form I-A shall be implemented in letter and spirit	Noted
ii	Six monthly compliance reports shall be submitted to Ministry of Environment & Forest, Govt. of India, Regional Office, Ministry of Environment & Forest, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow, SEIAA, Rajasthan and Rajasthan State Pollution Control Board	Being Complied Six monthly compliance report on the Environmental Clearance is being submitted to MoEFCC, RO, CPCB & RSPCB regularly. Compliance status updated on Company's website. Compliance reports for the period of April-2023 to September-2023 had been

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		submitted vide letter no.: APL/Kawai/EMD/EC/MoEFCC/215/11/23 dated 26.11.2023.
iii	Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full co-operation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Rajasthan and Rajasthan State Pollution Control Board	Noted Full co-operation shall be extended at all the time.
iv	In case of any changes in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan	Noted
v	The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Noted
vi	All the statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation department, Forest Conservation Act, 1980 and The Wildlife (Protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority	Not Applicable for Residential Complex.
vii	The PP shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and Rajasthan State Pollution Control Board and may also be seen on the web site of the Board at <a href="http://www.rpcb.nic.in">www.rpcb.nic.in</a> . The advertisement shall be made within 7 (Seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur (S) of the Board	Complied Advertised in local newspaper 'Dainik Bhaskar and Rajasthan Patrika' on 15th December'2012.
viii	These stipulations would also be enforced amongst the other under the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification '06	Noted
ix	Under the provision of Environment (Protection) Act, 1986, legal action shall be	Noted

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	initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.	
x	Environment clearance is subject to final order of the Honb'le Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of the year 2004 as may be applicable to this project	Noted

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Additional conditions in Environmental Clearance (EC amendment for residential complex (Phase-I) Vide letter No. F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a) (444)/2019-20 dated- 16.07.2020		
I Statutory compliance		
i	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Agreed. We have already obtained all necessary clearance/permission from concern authority.
ii	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Compliance assured.
iii	The project proponent shall obtain forest clearance under the provision of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable Forest clearance is not required as there is no diversion of forest land for non-forest purpose.
iv	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable.
v	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from concerned State Pollution Control Board/Committee.	Complied Both "Consent to Establish" (CTE) and 'Consent to Operate' (CTO) obtained from RSPCB.
Vi	The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.	There is no extraction of ground water. The required quantity of water is supplied from Parvan River for power plant as well as Residential Complex after treatment.
vii	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Power for Residential Complex is being supplied from Adani Power Limited -Kawai TPP.
viii	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	Not Applicable for Residential Complex.
ix	The provisions of Solid Waste (Management) Rules, 2016, e-waste (Management) Rules,2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Being complied.

## Adani Power Limited, Kawai

x	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Being followed.
<b>ii Air quality monitoring and preservation</b>		
i	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and demolition Activities for projects requiring Environmental Clearance shall be complied with.	The project is in operation phase.
ii	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	NABL accredited laboratory (M/s IRCLASS Systems and Solutions Pvt. Ltd., Jaipur) has been appointed for Environmental monitoring of Ambient Air Quality at the site.
iii	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion relevant to the main pollutants released (e.g., PM10 and PM 2.5) covering upwind and downwind directions during the construction period.	NABL accredited laboratory (M/s IRCLASS Systems and Solutions Pvt. Ltd., Jaipur) has been appointed for Environmental monitoring of Ambient Air Quality at the site. The project is in operation phase.
iv	Diesel power generating sets proposed as source of back up power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to height needed for the combined capacity of all DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Diesel power generating sets are not installed at the project site. Power for Residential Complex is being supplied from Adani Power Ltd., Kawai.
v	Construction site shall be adequately barricaded before the construction begins. Dust smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction material prone to causing dust pollution at site as well as taking out debris from the site.	Same was compiled during construction phase now the project is in operation phase.
vi	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution,	The Residential Township is in operation phase.
vii	Wet jet shall be provided for grinding and stone cutting.	The Residential Township is in operation phase.
viii	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	The Residential Township is in operation phase.

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ix	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	Same was followed during construction phase.																				
x	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environment (Protection) prescribed for air and noise emission standards.	Diesel power generating sets are not installed at the project site.																				
xi	The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Diesel power generating sets are not installed at the project site.																				
xii	For indoor air quality the ventilation provisions as per National Building Code of India.	Being complied. Provision of proper ventilation is provided.																				
<b>iii Water quality monitoring and preservation</b>																						
i	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Natural drainage system is not disturbed due to construction of project.																				
ii	Building shall be designed to follow the natural topography as much as possible, minimum cutting and filling should be done.	There is no adverse impact on natural topography. The project is in operation phase.																				
iii	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Agreed. Fresh water consumption is not exceeding more than prescribed norms.																				
iv	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Quantity of freshwater consumption and water recycling is being measured, details of the same is mentioned below: <table border="1" data-bbox="965 1731 1489 2011"> <thead> <tr> <th>Sr. No.</th> <th>Month</th> <th>Recycled Water (KL)</th> <th>Fresh Water (KL)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Oct-23</td> <td>2669</td> <td>6480</td> </tr> <tr> <td>2.</td> <td>Nov-23</td> <td>2916</td> <td>6789</td> </tr> <tr> <td>3.</td> <td>Dec-23</td> <td>2696</td> <td>6390</td> </tr> <tr> <td>4.</td> <td>Jan-24</td> <td>2301</td> <td>6510</td> </tr> </tbody> </table>	Sr. No.	Month	Recycled Water (KL)	Fresh Water (KL)	1.	Oct-23	2669	6480	2.	Nov-23	2916	6789	3.	Dec-23	2696	6390	4.	Jan-24	2301	6510
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		5.	Feb-24	2229	6090
		6.	Mar-24	3397	6495
v	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	The required quantity of water for residential complex is being supplied by Adani Power Limited -Kawai TPP.			
vi	At least 20% of the open spaces as required by local building bye-laws shall be pervious. Use of grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Complied.			
vii	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking, and bathing etc. and other for supply of recycled water for flushing, landscape irrigation etc. car washing. Thermal cooling conditioning etc. shall be done.	Dual pipe plumbing is provided for water supply one is for drinking, cooking and bathing and another for supply of recycled water.			
viii	Use of water saving devices/fixtures (viz. low flow flushing systems, use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.	Low flow fixtures are provided.			
ix	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Separate sewerage system for Black Water (from a toilet or urinal) and Grey Water (wastewater from sinks, showers, washing machines, dish washers and etc.) are provided.			
x	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practice referred.	Noted			
xi	The local bye-laws provisions rain water harvesting should be followed if local byelaws provisions is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system to collect roof top & paved area.			
xii	A rain water harvesting plan needs to be designed where the bores of minimum one recharge bore per 5000 square meter of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In area where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water	Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system collect roof top & paved area. There is no extraction of ground			

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	shall not be withdrawn without approval from Competent Authority.	water.																												
xiii	All recharge should be limited to shallow aquifer.	Being complied.																												
xiv	No ground water shall be used during construction phase of the project.	There was no use of ground water during construction phase.																												
xv	Any ground water dewatering should be properly managed and shall conform to the approval and guideline of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	There is no extraction of ground water.																												
xvi	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as project by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Quantity of freshwater consumption and water recycling is being measured, details of the same is mentioned below: <table border="1" data-bbox="965 763 1485 1126"> <thead> <tr> <th>Sr. No.</th> <th>Month</th> <th>Recycled Water (KL)</th> <th>Fresh Water (KL)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Oct-23</td> <td>2669</td> <td>6480</td> </tr> <tr> <td>2.</td> <td>Nov-23</td> <td>2916</td> <td>6789</td> </tr> <tr> <td>3.</td> <td>Dec-23</td> <td>2696</td> <td>6390</td> </tr> <tr> <td>4.</td> <td>Jan-24</td> <td>2301</td> <td>6510</td> </tr> <tr> <td>5.</td> <td>Feb-24</td> <td>2229</td> <td>6090</td> </tr> <tr> <td>6.</td> <td>Mar-24</td> <td>3397</td> <td>6495</td> </tr> </tbody> </table>	Sr. No.	Month	Recycled Water (KL)	Fresh Water (KL)	1.	Oct-23	2669	6480	2.	Nov-23	2916	6789	3.	Dec-23	2696	6390	4.	Jan-24	2301	6510	5.	Feb-24	2229	6090	6.	Mar-24	3397	6495
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xvii	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Decentralized treatment facilities as modular STP of different capacities (3 Nos. of 10 KLD, 2 Nos. of 45 KLD and 2 Nos. of 60 KLD) are provided for the treatment of Wastewater.																												
xviii	No sewage or untreated effluent water would be discharged through storm water drains.	Being complied. wastewater is being treated through STP and reusing for plantation.																												
xix	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower and other end uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest, and Climate Change. Natural Treatment systems shall be promoted.	Decentralized treatment facilities as modular STP of different capacities (3 Nos. of 10KLD, 2 Nos. of 45KLD and 2 Nos. of 60KLD) are provided for the treatment of Wastewater.																												
xx	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from	Environmental Monitoring of treated water being carried out. Monitoring report is enclosed as <b>Annexure-I</b>																												

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	STP.	
xxi	Sludge from the onsite sewage treatment including septic tanks shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems,2013.	Noted Compliance Assured.
<b>iv</b>	<b>Noise monitoring and prevention</b>	
i	Ambient noise levels shall conform to residential area/commercial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000.increamental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	The project is in operation phase. Environmental Monitoring including ambient air and noise is being carried out. Monitoring report is enclosed as <b>Annexure-I</b>
ii	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Monitoring report is enclosed as <b>Annexure-I</b>
iii	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	DG sets are not installed.
<b>v</b>	<b>Energy Conservation measures</b>	
i	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured in the States which have notified their own ECBC, shall comply with the State ECBC.	Being complied.
ii	Outdoor and common area lighting shall be LED.	Solar streetlights are installed at outdoor and common area.
iii	Concept for passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design wall, window, and roof u-values shall be as per ECBC specifications.	Solar streetlights are installed at outdoor and common area.
iv	Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	LED lighting is installed for energy conservation.

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v	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-laws requirement, whichever is higher.	Solar streetlights are installed at outdoor and common area.
vi	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement to meet its hot water demand from solar water heaters, as far as possible.	Solar streetlights are installed at outdoor and common area.
<b>vi</b>	<b>Waste Management</b>	
i	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	The township is an integrated part of Adani Power Limited. Solid waste is being handled as per environmental guidelines.
ii	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Muck including other construction waste during construction phase was used as area grading and land filling within the project premises in such a way that they have no adverse effects on the neighboring communities and special precautions had taken for general safety and health aspects.
iii	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Separate wet and dry bins are provided for segregation of Bio & Non-Bio- degradable waste.
iv	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed.	Being Complied Biodegradable waste is being composted at designated place within the plant premises through Organic Waste Converter (OWC) installed for the purpose.
v	All non-biodegradable waste shall be handed over to authorized recycler for which a written tie up must be done with the authorized recyclers.	Agreed.
vi	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Complied during Construction Phase.
vii	Use of environment friendly materials in bricks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	Fly Ash based Bricks and Paver block has been used for construction purpose.

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viii	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September,1999 and amended as on 27 <sup>th</sup> August 2003 and 25 <sup>th</sup> January, 2016, Ready mixed concrete must be used in building construction.	Fly Ash based Bricks and Paver block has been used for construction purpose.
ix	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016	Waste from construction activities during construction phase was used as area grading and land filling within the project premises in such a way that they have no adverse effects.
x	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Used CFLs and TFLs is being collected properly and disposed of properly as per guidelines/rules to avoid mercury contamination.
<b>viii</b>	<b>Green Cover</b>	
i	No tree can be felled/transplant unless exigencies demand where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantation to be ensured species (cut) to species (planted)	Complied during construction phase.
ii	A minimum of 1 tree for every 80 sq.m. of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, board leaves and wide canopy are desirable. Water intensive and/or invasive species should not be used for landscaping.	Plantation/ greenbelt all along the periphery of residential complex is provided.
iii	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	No tree cutting required for the project construction.
iv	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Noted and compliance assured
<b>viii</b>	<b>Transport</b>	
I	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private	Complied. Internal roads are designed to considering environment and safety of

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	<p>networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ol style="list-style-type: none"> <li>a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.</li> <li>b. Traffic calming measures.</li> <li>c. Proper design of entry and exit points.</li> <li>d. Parking norms as per local regulation.</li> </ol>	users. Traffic calming measures along with proper entry and exit points are in place and parking space is provided.
ii	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Only certified vehicles with valid PUC are allowed for Gate pass entry inside the Residential Complex.
iii	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact on all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 kms radius of the site in different scenarios of space and time and the traffic management plan shall be dully validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Township is situated in rural area and not effecting traffic to nearby area, Traffic calming measures along with proper entry and exit points are in place and parking space is provided.
<b>ix</b>	<b>Human health issues</b>	
i	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Labour for Construction activities were hired from local villages. Dust masks were provided during construction phase.
ii	For indoor air quality the ventilation provisions as per National Building Code of India.	Being complied. Provision of proper ventilation is provided.
iii	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan is prepared.
iv	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water,	Labour for Construction activities were hired from local villages. Mobile toilets, STP drinking water and medical care facilities were provided

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	medical health care, creche etc. The housing may be in the form of temporary structures to be removed after completion of the project.	during construction phase.
v	Occupational health surveillance of the workers shall be done on regular basis.	Gate pass to labors have been issued only after health checkup.
vi	A first Aid Room shall be provided in the project both during construction and operations of the project.	Dedicated Health Centre is available and working within the Residential Complex.
<b>X</b>	<b>Corporate Environment Responsibility</b>	
i	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable regarding Corporate Environment Responsibility.	CSR activities are being carried out by Adani Foundation.
ii	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper check and balances and to bring focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Corporate level Environmental Policy has been developed to implement EMS (Environmental Management System) as per ISO 14001-2015.  Environmental Management System as per EMS ISO 14001 implemented Integrated Management System (IMS) is also Implemented.  Wildlife conservation plan is prepared.
iii	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	A full-fledged environmental management cell of Adani Power Limited-Kawai TPP is dedicated for implementation of EMP.
iv	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by component authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with Six Monthly Compliance Report.	Compliance assured.
<b>XI</b>	<b>Miscellaneous</b>	
i	The project proponent shall prominently advertise it at least in two local newspaper of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environmental clearance	Complied.

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	and the details of MoEFCC/SEIAA website where it is displayed.	
ii	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied.
iii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Being complied.
iv	The project proponent shall submit six monthly reports on the status of the compliance on the stipulated environmental conditions on the website of the ministry of Environment, Forest, and Climate Change at environmental portal.	Noted compliance assured.
v	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986 as amended subsequently and put on the website of the company.	The township is integrated part of Kawai Thermal Power Plant it is taken care by environment management department.
vi	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	The project is in operation phase.
vii	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted for compliance.
viii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Being complied.
ix	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)	Noted.
x	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.



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xi	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
xiii	The regional Office of this Ministry shall monitor compliance of stipulated conditions. The project authorities should extend cooperation to officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted, full cooperation shall be extended.
xiv	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of pollution) Act, 1974 the Air (Prevention & Control of pollution ) Act, 1981, the Environment (Protection) Act 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.	Noted.
xv	Any appeal against this EC shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

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**COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE  
For Residential Complex (Phase II) for Kawai Thermal Power Plant**

Vide letter No. F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a)B2/(444)13-14 dated- 22.1.2016

**(The construction for Expansion of Residential Complex is yet to start)**

Sl. No.	CONDITIONS	COMPLIANCE STATUS																																								
<b>PART A: SPECIFIC CONDITION</b>																																										
<b>1. Construction Phase</b>																																										
i.	<p>This Environment Clearance is granted for Expansion in Residential Complex for Kawai Thermal Power Plant as follows-</p> <table border="1"> <thead> <tr> <th>Si. No.</th> <th>Particulars</th> <th>Existing</th> <th>Proposed</th> <th>After Exp (Total)</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Total Plot Area</td> <td>176500 m2</td> <td></td> <td>176500 m</td> </tr> <tr> <td>ii.</td> <td>Gross Built up Area</td> <td>49799.32 m2</td> <td>25200.68 m2</td> <td>75000 m2</td> </tr> <tr> <td>iii.</td> <td>Built up Area</td> <td>49799.32 m2</td> <td>25200.68 m2</td> <td>75000 m2</td> </tr> <tr> <td>iv.</td> <td>Proposed Green Area</td> <td>6800 m2</td> <td>5300 m2</td> <td>12100 m2</td> </tr> <tr> <td>v.</td> <td>Parking Total E.C.U</td> <td>315</td> <td>172</td> <td>487</td> </tr> <tr> <td>vi.</td> <td>Project Cost</td> <td>Rs. 100 Crore</td> <td>Rs. 54 Crore</td> <td>Rs. 154 Cr</td> </tr> <tr> <td>vii.</td> <td>STP</td> <td>155 KLD</td> <td>90 KLD</td> <td>245 KLD</td> </tr> </tbody> </table>	Si. No.	Particulars	Existing	Proposed	After Exp (Total)	i.	Total Plot Area	176500 m2		176500 m	ii.	Gross Built up Area	49799.32 m2	25200.68 m2	75000 m2	iii.	Built up Area	49799.32 m2	25200.68 m2	75000 m2	iv.	Proposed Green Area	6800 m2	5300 m2	12100 m2	v.	Parking Total E.C.U	315	172	487	vi.	Project Cost	Rs. 100 Crore	Rs. 54 Crore	Rs. 154 Cr	vii.	STP	155 KLD	90 KLD	245 KLD	<p>Noted, Construction of expansion project <b>not yet started.</b></p>
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ii.	"Consent to Establish" shall be obtained from RPCB before start of any construction work at the site,	Noted, Already applied																																								
iii.	No Mobile tower shall be installed.	Noted & agreed																																								
iv.	As envisaged, the PP shall earmark an amount of Rs. 369.50 lacs as initial capital cost and Rs. 69.00 Lacs as. Annual recurring cost for implementing various environmental protection measures under the Environmental Management Plan.	Compliance Assured Separate budget has already been earmarked for environmental protection measures.																																								
v.	Green belt/Landscaping should be developed in 12,100 Sq. m. as proposed.	Compliance Assured Three tier plantation/ greenbelt all along the periphery of residential area is proposed.																																								
vi.	As committed the PP shall invest an amount of Rs. 100,00,000 under CSR spread over for 3 years as Rs.3220000 for 1st year, Rs.3770000 for 2nd year and Rs.301 0000 for 3rd year for School Education of Children, Anganwadi Services & Nutrition, Health & Sanitation, and Livestock in the Villages, Adult Education & Youth Development, and Income Generation Activities & Infrastructure Support.	<p>CSR activities are being carried out by our Adani Foundation.</p> <p>Budget will be provided at the time of start of construction.</p>																																								
vii.	That the grant of this E.C. is issued from the	Noted and agreed.																																								

## Adani Power Limited, Kawai

	environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and 'complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent.	
viii.	The PP shall obtain approval of drawings of laying electrical lines from the concerned SE of AVVNL.	Residential complex is an integrated project of Kawai Thermal Power Station, and the required electrical power will be supplied from power plant itself.
ix.	The PP shall full fill the requirements of energy regulatory commission.	Noted and agreed.
x.	Feasibility of underground wiring may be examined and followed.	Underground wiring is proposed.
xi.	Open land may be earmarked for laying 132 kV line.	11 KV underground line provided for the residential complex.
xii.	Road width and bench should be adequate for easy movement of fire fighting vehicles.	7.5m width road is proposed for easy movement of fire fighting vehicles.
xiii.	The wastewater drains should be of adequate capacity and be lined till the final disposal points.	300mm to 900mm width lined drain will be constructed from primary collection to final discharge point.
xiv.	The P.P. shall ensure taking necessary steps on urgent basis to improve the living conditions of the labour at site. The proposed Budgetary provision of Rs. 2.00 Lacs shall be made for the housing of Construction labour within the site with all necessary infrastructure and facilities such as health facility, sanitation facility, fuel/LPG for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants. The housing may be in the form of temporary structures to be removed after the completion of the project. Details of provisions should be submitted to RPCB at the time of obtaining CTE.	Labour for Construction activities will be hired from local villages, Hence, provision of housing facilities to the construction labour does not arise. Health facility, sanitation facility, fuel /LPG for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants will be provided during construction period.
xv.	All required sanitary and hygienic measures shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.	Mobile toilet facility will be provided during construction.
xvi.	All the labours engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.	Compliance Assured Gate pass to labours will be issued only after health checkup.
xvii.	All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.	Noted and compliance assured

**Adani Power Limited, Kawai**

xviii.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of the people, only in approved sites with the approval of competent authority.	Noted and compliance assured
xix.	Soil and ground water samples will be tested to ascertain that, there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants.	Environmental Monitoring including Soil and ground water sampling and analysis is being carried out.
xx.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they do not leach into the ground water	Noted & Compliance Assured
xxi.	The diesel generator sets to be used during the construction phase shall be low-sulphur-diesel type and shall conform to Environment (Protection) Rules for air and noise emission standards.	Electrical power will be supply form Kawai Power Plant.
xxii.	Vehicles hired for bringing construction material and labours to the site shall be in good conditions and shall conform to applicable air and noise emission standards and shall be operated during nonpeak/ approved hours	Noted & Compliance Assured. Only pollution (PUC) certified vehicle will be hired for construction activities.
xxiii.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase.	NABL accredited agency M/s IRCLASS Systems and Solutions Pvt. Ltd., Jaipur has been engaged for the environmental monitoring.
xxiv.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash notification of September, 1999 and amended as on August, 2003 (The above condition is applicable only if the project is within 100 km of Thermal Power Station).	It is proposed to use ash-based bricks for construction purpose
xxv.	Ready mixed concrete shall be used in building Construction.	Noted & Compliance Assured
xxvi.	Storm water control and its re-use as per CGWA and BIS standards for various applications.	It is proposed to collect the storm water of the project area in to a rainwater harvesting pond through storm water channel.
xxvii.	The responsibility of water supply to the occupants would be that of the P.P. and the PP', should ensure supply of water to occupants before occupancy from a legal source	The required quantity of water for residential complex will be supplied from water treatment plant of integrated Power Plant.
xxviii.	Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices	It is proposed to use concrete and fly ash bricks and adopt conservative measures for curing

**Adani Power Limited, Kawai**

xxix.	Total domestic water requirement shall not exceed during construction phase 59.05 KLD and during operational phase 234 KLD. As proposed, the P.P. should ensure availability of required quantity of water from Pravan Irrigation Project and disposal of sewage in an environmentally safe manner.	Noted.
xxx.	Separation of grey and black water shall be done by the use of dual plumbing line for separation of grey and black water.	Noted & Compliance Assured
xxxi.	Treatment of 100% grey water by decentralized treatment shall be done.	Decentralized treatment facilities as modular STP of different capacity has been installed are proposed for the treatment of wastewater from Kitchen and Bathroom (i.e., wastewater from sinks, showers, washing machines, dish washers and etc.).
xxxii.	Building Plan from the competent Authority shall be got approved and position cleared with reference to Master Plan.	Compliance assured
xxxiii.	Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	Noted & Compliance Assured
xxxiv.	A First Aid Room will be provided in the project both during construction and operation of the project	Noted & Compliance Assured
xxxv.	Any hazardous waste generated during construction phase shall be disposed off as per applicable rules and norms with necessary authorization of the RPCB.	Noted & Compliance Assured
xxxvi.	The approval of the competent authority shall be obtained. for structural safety of-the building due to earthquake, adequacy of firefighting equipment's, etc. as per National Building Code 2005 including protection measures from lightening etc.	Compliance assured
xxxvii.	Regular and periodic mock-up drills shall be undertaken by the fire department at least once in a year.	Noted Fire drills are being conducted twice in a year.
xxxviii.	NOC shall be obtained from National State Disaster Management Authority, wherever applicable.	Not Applicable
xxxix.	Regular supervision of the above and other measures for monitoring shall be in place throughout the Construction phase, so as to avoid nuisance to the surroundings.	Noted & Compliance Assured
xl.	Guidelines issued by concerned Ministry for water scarce areas may be followed	Compliance Assured
xli.	Provision of solar water heating/chilling/ street lighting etc shall be explored.	Compliance Assured
xlii.	Review and revise the requirement of DG set capacities for 100% power back up through	Noted Power supply will be through Station

**Adani Power Limited, Kawai**

	optimization of power back up in case of power failure and emergency	Transformer of Kawai TPP.
xliii.	During construction phase and Post construction/operation phase of the project, the proponent shall be responsible for implementation of EIA/EMP. Commitment of proponent in this regard shall be submitted to RPCB at the time of applying for CTE.	Environment Management Plan as suggested in EIA/EMP will be implemented once the project takes off.
xliv.	The project proponent shall fulfil in letter and spirit, all the commitments given/ submitted to the SEAC office.	Noted & Compliance Assured
xlv.	The P.P. will ensure that the STP of 180 KLD as proposed performs as desired efficiency. Scheme for arrangement for disposal of treated sewage in a scientific manner should be submitted after approval from an expert before completion of the project.	Noted. STP will be installed along with construction of Residential Complex.
xlvi.	Fixtures for showers, toilet flushing, and drinking shall be of low flow either by use of aerators of pressure reducing devices or sensor based control.	Noted Low flow fixtures will be provided.
xlvii.	Use of glass may be reduced by up to 40% to reduce the electricity consumption and load in air conditioning. If necessary, use high quality double glass with special reflective coating windows.	Noted Uses of glass will be less than 40%.
xlviii.	Roof shall meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted.
xlix.	Opaque walls shall meet prescriptive requirement as per Energy Conservation Building Code for all air-conditioned spaces, whereas, for non-air-conditioned spaces, by use of appropriate thermal insulation material to fulfil the requirement.	Noted Opaque wall will be provided
i.	Application of solar' energy shall be' incorporated for illumination of common areas, lighting for gardens and street lighting. In addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the apartments shall be provided.	Noted The entry and exit are already developed for phase I, Avoiding congestion.
ii.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking shall be fully internalized and no public space shall be utilized.	Noted & Compliance Assured.
iii.	Proper system of channelizing excess storm water shall be provided.	Noted Proper storm water system is proposed.
liii.	Trees and shrubs of local species shall be planted to allow habitat for birds with appropriate distance from the boundary.	Noted Local trees and shrubs are proposed along the periphery of residential

**Adani Power Limited, Kawai**

		complex.
<b>PART A: SPECIFIC CONDITION</b>		
<b>2. Operation Phase</b>		
i.	An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation discharge of treated sewage shall conform to the norms & standards of the RSPCB.	Noted & Compliance Assured
ii.	Composting of biodegradable waste shall be carried out within the campus.	Biodegradable waste will be composted at designated place within the plant premises through Organic Waste Converter (OWC).
iii.	STP sludge will be used for composting and compost will be used as manure	Noted & Compliance Assured
iv.	Rain Water harvesting (RWH) for roof top run-off and surface run-off, as planned shall be implemented. The rain water harvesting plan shall be as per Gol Manual.	Roof top rainwater harvesting is proposed. Recharge pits for deep and shallow depth is planned for project to conserve maximum runoff from site Excess rainwater from project area will be diverted to Rainwater Harvesting pond at designated place for reuse.
v.	Before recharging the surface run off, pre-treatment must be done to remove the suspended matter, oil & grease.	Pre-treatment for removal of suspended matter. Oil & grease will be removed before recharging.
vi.	The solid waste generated An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation shall be properly collected & segregated before disposal to the City Municipal Facility. The in-vessel bio-conversion technique may be used for composting the organic waste.	Noted, Will be submitted during/ after installation & commissioning of STP.  Once the project takes off.
vii.	Any hazardous waste including biomedical waste shall be disposed of as per applicable Rules & norms with necessary approvals of the Rajasthan State Pollution Control Board.	Noted, Once the project takes off.
viii.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day & night noise standards prescribed for residential land use. The open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.	Being Complied Three tier vegetation all along the periphery of residential complex phase I area is proposed for noise attenuation.
ix.	The D.G sets to be operate with stack height as per CPCB norms.	Noted & Compliance Assured

**Adani Power Limited, Kawai**

x.	Incremental pollution loads on the ambient air quality noise and water quality shall be periodically monitored after commissioning of the project.	Noted & Compliance Assured
xi.	A report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R&U factors, etc. Quantify energy saving measures	Noted, Once the project takes off.
xii.	The power factor shall be maintained near unity	Compliance Assured
xiii.	Polyalthia longifolia (Ashok), Cassia fistula (Amaltas) and Ficus infectoria (Pilkhan) shall be planted.	The respective species are already included in the list of plant species recommended by local forest department for project area.
xiv.	Re-cycled water to match standards for cooling water system. MPN should be less than 5/100 ml in case of reuse of water of landscaping and flushing	Noted, once the project takes off.
xv.	Adequate measures shall be taken to prevent odor from solid waste processing and STP	Compliance Assured
xvi.	The SEIAA, Rajasthan reserves the right to add new condition, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA Rajasthan & RPCB	Noted & agreed.
<b>PART B : GENERAL CONDITION</b>		
i.	The environmental safeguards contained in Form I-A shall be implemented in letter and spirit.	Noted
ii.	Six monthly compliance reports shall be submitted to Ministry of Environment & Forest, Govt. of India, Regional Office, Ministry of Environment & Forest, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow, SEIAA, Rajasthan and Rajasthan State Pollution Control Board	Being Complied
iii.	Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full co-operation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Rajasthan and Rajasthan State Pollution Control Board	Noted Full co-operation will be extended.
iv.	In case of any changes in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC,	Noted



## Adani Power Limited, Kawai

	Rajasthan	
v.	The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Noted
vi.	All the statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation department, Forest Conservation Act, 1980 and The Wildlife (Protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority	Not Applicable for Residential Complex.
vii.	The PP shall ensure advertising in at least two local news-papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and Rajasthan State Pollution Control Board and may also be seen on the web site of the Board at <a href="http://www.rpcb.nic.in">www.rpcb.nic.in</a> . The advertisement shall be made within 7 (Seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur (S) of the Board	Complied, Advertised in local newspaper 'Dainik Navjyoti, Dainik Bhaskar on 15 <sup>th</sup> February '2016 and 'Chambal Sandesh' on 16 <sup>th</sup> February '2016.
viii.	These stipulations would also be enforced amongst the other under the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification '06	Noted
ix.	Under the provision of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.	Noted
<b>Condition Amended in Environmental Clearance</b>		
xiv.	The PP will ensure that the STP of 90 KLD as proposed performs as desired efficiency. Scheme for arrangement for disposal of treated sewage in scientific manner should be submitted after approval from an expert before completion of the project.	Noted & compliance assured once the project takes off. STP will be installed along with construction of Residential Complex. STP of capacity 90 KLD is proposed for expansion of Residential complex (Phase II)

**SIX MONTHLY ENVIRONMENTAL MONITORING**  
**Reports of**  
**AMBIENT AIR QUALITY**  
**WATER QUALITY, SOIL QUALITY AND NOISE LEVEL**  
**for**



**Adani Power Limited**

**(2x660 MW- SUPERCRITICAL THERMAL POWER STATION)**

**Village - Kawai, Tehsil - Atru, District -Baran, Rajasthan**

PREPARED BY:

**IRCLASS SYSTEMS AND SOLUTIONS PVT LTD**  
**B-11G CEG TOWER,1<sup>ST</sup> AND 2<sup>ND</sup> FLOOR**  
**INDUSTRIAL AREA, MALVIYA NAGAR**  
**JAIPUR, RAJASTHAN-302017**

Approved by Ministry of Environment & Forest (Govt. of India)  
And Rajasthan State Pollution Control Board  
Accredited by National Accreditation Board for Testing & Calibration Laboratories  
Certified by ISO 9001: 2008

**Period: October'2023 to March'2024**

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## 1 EXECUTIVE SUMMARY

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ADANI group has constructed 2 units of 660 MW Supercritical Thermal Power Station at Village- Kawai, Tehsil- Atru, District- Baran, Rajasthan. The plant is designed to generate 2x660 MW electricity. The site is located Near Salpura Railway Station in district Baran, Rajasthan. The plant is well connected by Road and Rail network with different part of Rajasthan and adjoining states, at present both units are in operation.

M/s Adani Power Rajasthan Limited (amalgamated with Adani Power Limited) has awarded environmental monitoring job work to **M/s IRCLASS Systems and Solutions Pvt. Ltd.** vide Service Order No 5700323105 dated 29/03/2023 for Sampling/Monitoring and Testing of Environmental parameters on quarterly basis for the period 01/04/2023 to 31/03/2025.

The samples for determination of quality of Ambient Air analysis, Ground Water, Soil, Source Emission, Noise, etc. are collected from Site and analyzed at IRCLASS Systems and Solutions Pvt. Ltd., Jaipur.

The overall results for the third and fourth quarters are found to be satisfactory. The plant was performing well during the monitoring and environmental parameters in each segment like Ambient air, source emission, soil, Water, wastewater, and noise are found to be within the permissible limits.

## **2 BRIEF DESCRIPTION OF ADANI POWER AND KAWAI THERMAL POWER STATION**

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### **2.1 ADANI THERMAL POWER STATION**

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Adani, a conglomerate with a formidable presence in multiple businesses across the globe, has entered the power sector to harbingers a 'Power Full' India, by generating 20,000 MW of power by 2020. Comprehension of the criticality in meeting the power requirement and its crucial role in ensuring the energy security of India, spurs us to build India's largest and one of the world top 5 single location thermal power plant in Mundra.

Adani Power Limited has commissioned the first supercritical 660 MW unit in the country. Mundra is also the WORLD'S FIRST supercritical technology project to have received 'CLEAN DEVELOPMENT MECHANISM (CDM) Project' certification from United Nations Framework Convention on Climate Change (UNFCCC).

### **2.2 KAWAI THERMAL POWER STATION**

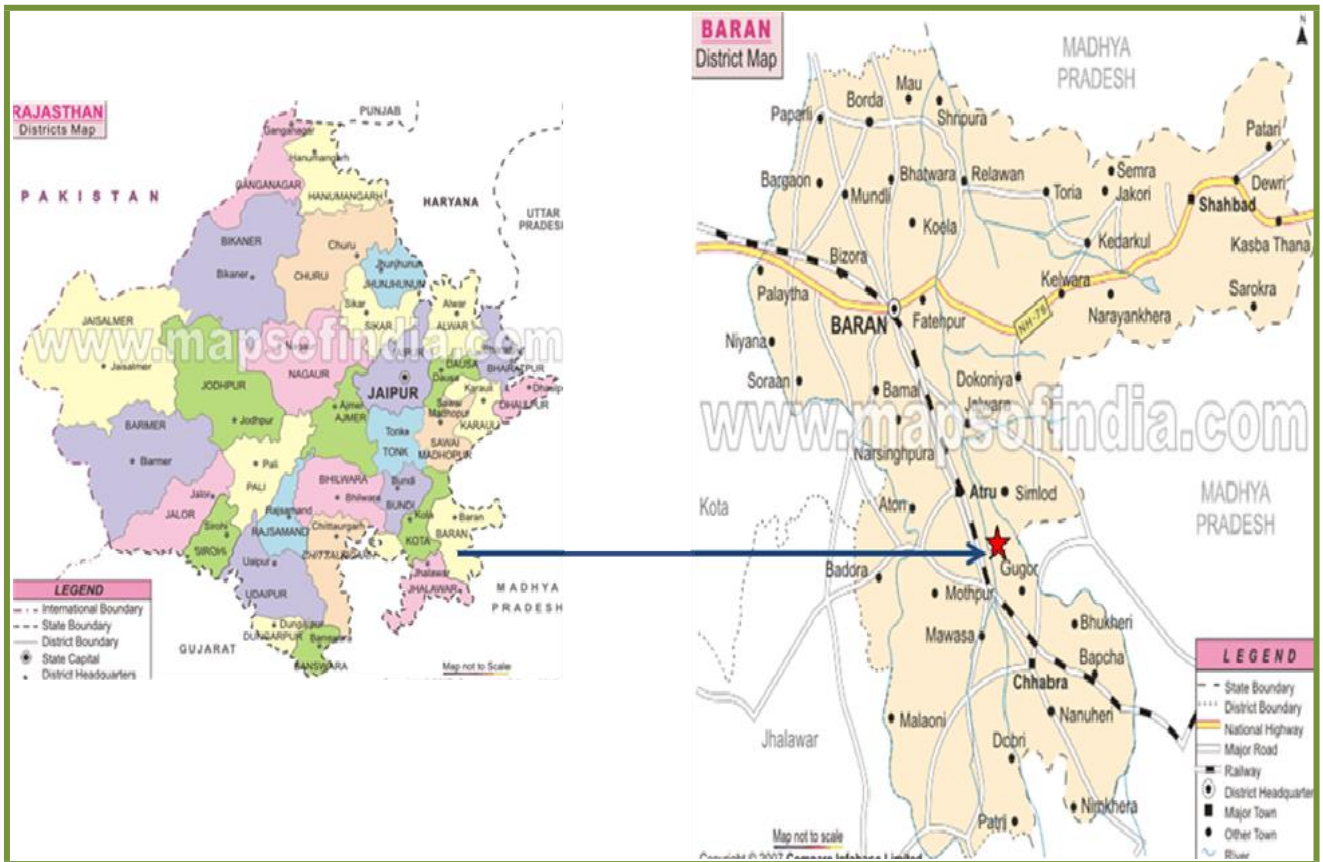
Adani Enterprises Limited (AEL) have signed MoU with Energy Department, Government of Rajasthan on 20<sup>th</sup> March 2008 for developing a Thermal Power Project of 1320 MW capacity at Kawai, District Baran, Rajasthan. For this purpose, Adani Enterprises Limited (AEL) has registered Adani Power Rajasthan Limited, amalgamated with Adani Power Limited. The site is approximately 120 km from Kota and 40 Kms from Baran.

The plant is covered in around 350 Ha. area. The possession of 350 Ha has already been given to APL by Govt. of Rajasthan. The coal and water requirement of the plant is 5.6 MTPA and 34 MCM respectively.

Both imported and domestic coal is being used. Water is drawn through a dedicated pipeline from the PARWAN River located about 15 km from the plant.

### 2.3 LOCATIONS OF THE PLANT

State	Rajasthan
District	Baran
Villages	Kawai
Land type	Barren and Stony Waste Land
Geographical Co-ordinates	24° 46' 14.62" N & 76° 44' 28.60" E.



Location Map

## METEROLOGICAL DATA

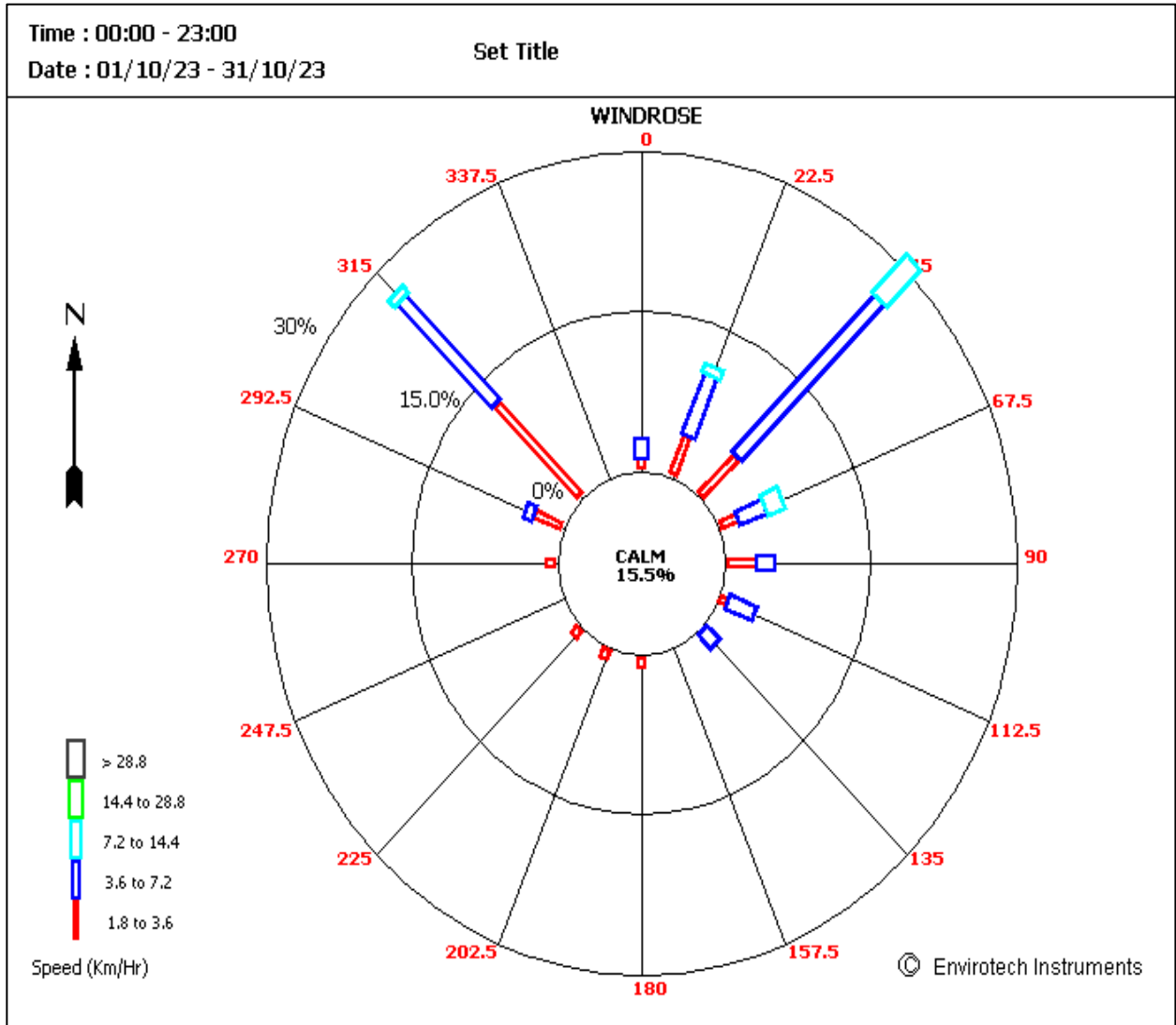
### AVERAGE DAILY METEROLOGICAL DATA OF OCTOBER -2023

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2023-10-01	24.2	37.0	30.2	77.2	0
2023-10-02	24.2	38.1	23.4	77.1	0
2023-10-03	23.3	37.6	22.4	74.6	0
2023-10-04	23.1	37.3	21.5	71.2	0
2023-10-05	23.1	38.1	21.2	66.4	0
2023-10-06	23.0	38.2	25.2	74.4	0
2023-10-07	24.1	37.3	27.3	70.2	0
2023-10-08	24.2	37.5	28.3	76.0	0
2023-10-09	25.1	38.1	24.2	77.2	0
2023-10-10	24.3	37.6	26.4	82.1	0
2023-10-11	23.2	37.2	22.1	79.2	0
2023-10-12	23.1	38.3	24.1	71.1	0
2023-10-13	24.2	37.5	25.1	62.2	0
2023-10-14	25.2	37.1	26.6	58.2	0
2023-10-15	24.0	37.2	25.0	63.3	0
2023-10-16	25.1	37.2	25.0	63.1	0
2023-10-17	23.5	34.3	36.4	75.2	0
2023-10-18	23.2	34.4	35.3	80.2	0
2023-10-19	23.2	35.5	26.2	75.1	0
2023-10-20	22.0	35.4	24.2	67.0	0
2023-10-21	22.1	36.4	19.6	66.0	0
2023-10-22	22.3	35.3	28.0	63.2	0
2023-10-23	22.2	34.4	28.0	68.1	0
2023-10-24	21.1	34.3	21.2	71.3	0
2023-10-25	20.2	34.3	25.1	68.1	0
2023-10-26	20.3	34.1	25.1	63.0	0
2023-10-27	19.1	34.5	19.3	72.1	0
2023-10-28	20.2	34.3	23.0	55.2	0
2023-10-29	21.4	35.5	23.1	56.2	0
2023-10-30	22.0	35.3	26.1	59.3	0
2023-10-31	23.0	34.4	25.2	57.2	0
<b>Min</b>	<b>19.1</b>	<b>34.1</b>	<b>19.3</b>	<b>55.2</b>	<b>0.0</b>
<b>Max</b>	<b>25.2</b>	<b>38.3</b>	<b>36.4</b>	<b>82.1</b>	

Time : 00:00 - 23:00

Set Title

Date : 01/10/23 - 31/10/23





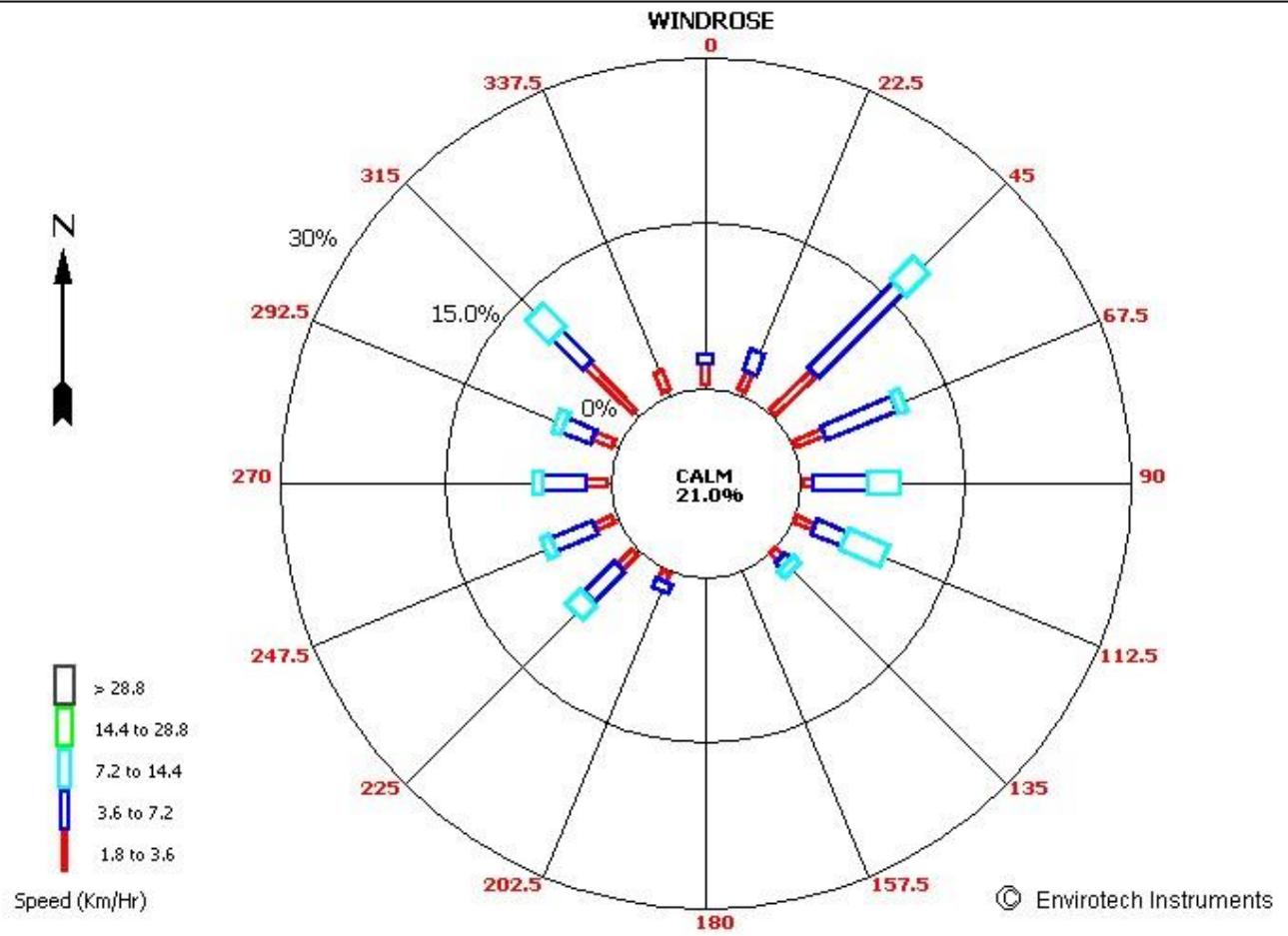
### AVERAGE DAILY METEROLOGICAL DATA OF NOVEMBER-2023

Date	Temp		Relative Humidity		Rainfall
	Min	Max	Min	Max	Total
2023-11-01	21.2	34.2	24.1	66.0	0
2023-11-02	20.0	33.5	28.3	70.2	0
2023-11-03	20.1	33.5	23.2	65.4	0
2023-11-04	20.5	35.5	21.2	62.0	0
2023-11-05	20.1	35.0	22.2	58.2	0
2023-11-06	20.2	35.1	24.0	64.1	0
2023-11-07	21.0	34.4	26.2	65.4	0
2023-11-08	21.1	34.6	28.0	66.1	0
2023-11-09	21.0	34.5	27.3	67.1	0
2023-11-10	22.0	34.6	30.1	63.3	0
2023-11-11	22.0	31.2	29.0	80.3	0
2023-11-12	18.1	30.6	36.0	90.4	0
2023-11-13	18.2	31.5	31.4	73.2	0
2023-11-14	19.0	27.4	42.3	69.4	0
2023-11-15	18.1	30.0	34.1	68.0	0
2023-11-16	18.0	29.6	34.0	69.4	0
2023-11-17	18.2	29.3	37.2	69.3	0
2023-11-18	17.2	30.2	34.1	77.1	0
2023-11-19	18.1	31.4	36.2	76.0	0
2023-11-20	20.0	30.2	41.0	82.1	0
2023-11-21	20.1	30.6	38.1	80.0	0
2023-11-22	17.0	30.4	27.6	88.2	0
2023-11-23	16.1	31.3	26.2	76.0	0
2023-11-24	18.1	29.5	33.3	73.5	0
2023-11-25	16.2	30.0	28.0	63.6	0
2023-11-26	16.0	27.5	38.1	75.0	0
2023-11-27	18.0	25.4	63.2	94.3	3.5
2023-11-28	18.0	25.1	62.0	94.2	0
2023-11-29	16.1	25.3	69.2	97.4	0
2023-11-30	19.0	27.4	65.2	97.5	0
<b>Min</b>	<b>16.0</b>	<b>25.1</b>	<b>21.2</b>	<b>58.2</b>	<b>3.5</b>
<b>Max</b>	<b>22.0</b>	<b>35.5</b>	<b>69.2</b>	<b>97.5</b>	

Time : 00:00 - 23:00

Date : 01/11/23 - 30/11/23

Set Title



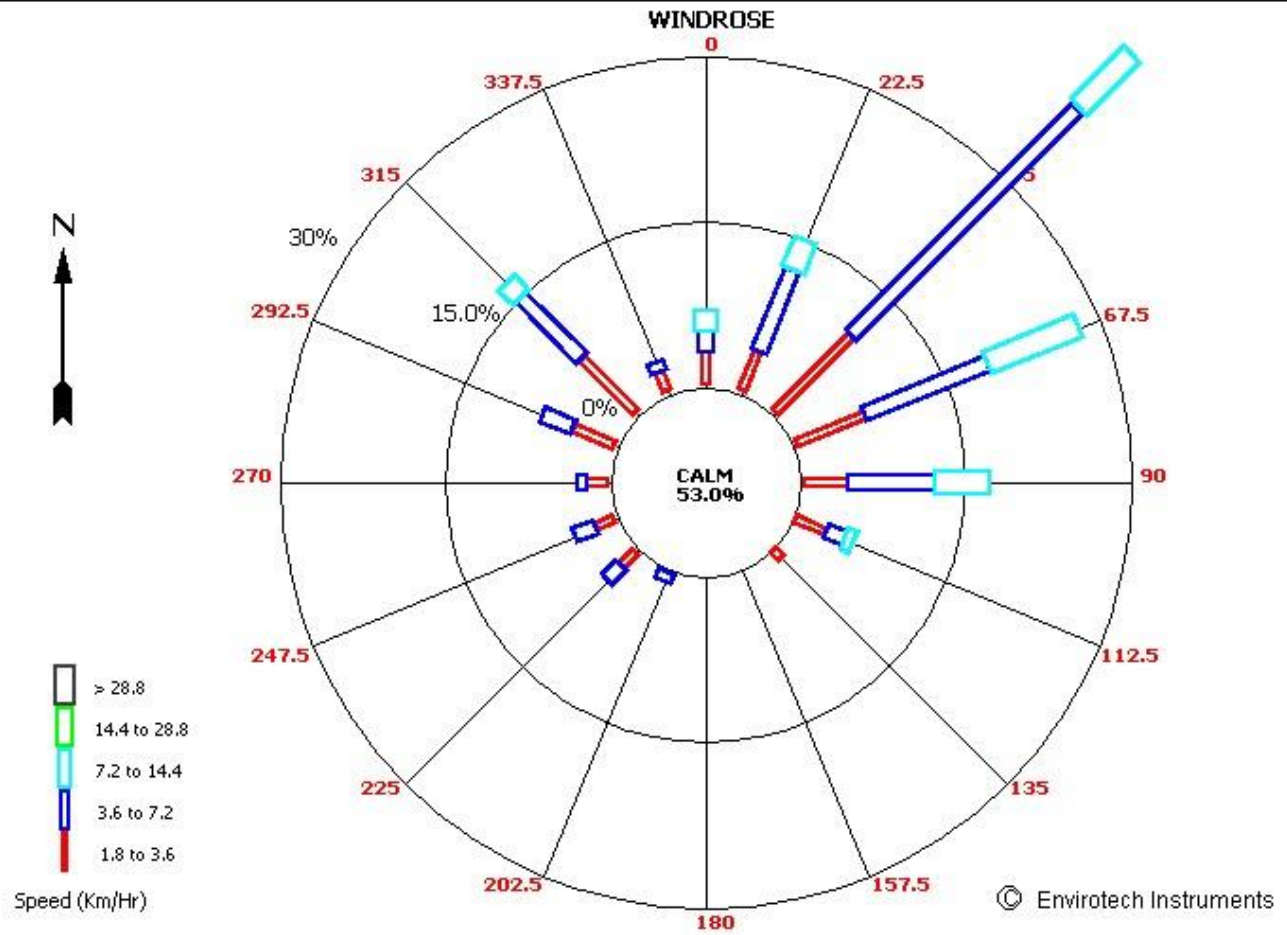
## AVERAGE DAILY METEROLOGICAL DATA OF DECEMBER -2023

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2023-12-01	20.3	22.5	89.2	96.1	2.5
2023-12-02	20.2	25.0	74.0	95.6	0
2023-12-03	19.0	23.4	84.3	97.4	0
2023-12-04	19.0	22.4	87.2	97.5	26.5
2023-12-05	18.0	24.5	67.1	97.2	0
2023-12-06	18.1	25.5	64.2	94.5	0
2023-12-07	18.3	25.6	63.5	86.5	0
2023-12-08	17.2	26.5	55.0	97.1	0
2023-12-09	18.0	28.3	41.0	96.6	0
2023-12-10	15.0	26.2	45.5	93.2	0
2023-12-11	14.0	27.3	33.1	93.2	0
2023-12-12	14.0	26.5	36.0	87.0	0
2023-12-13	14.4	27.1	33.1	90.4	0
2023-12-14	14.1	27.3	29.3	82.0	0
2023-12-15	13.1	27.4	34.6	79.4	0
2023-12-16	15.1	27.4	43.1	82.1	0
2023-12-17	14.1	26.4	34.1	89.2	0
2023-12-18	13.6	25.5	36.6	82.6	0
2023-12-19	13.0	23.5	31.4	85.0	0
2023-12-20	11.6	15.4	68.3	83.2	0
2023-12-21	18.1	25.4	34.5	67.2	0
2023-12-22	14.2	24.4	40.1	80.2	0
2023-12-23	12.0	26.6	43.6	88.0	0
2023-12-24	13.0	26.6	45.1	94.6	0
2023-12-25	12.2	26.5	42.4	96.4	0
2023-12-26	12.0	28.1	38.2	96.6	0
2023-12-27	13.0	28.2	39.0	91.6	0
2023-12-28	13.1	27.2	36.0	90.1	0
2023-12-29	12.1	24.5	49.1	96.5	0
2023-12-30	14.0	25.4	57.0	93.6	0
2023-12-31	14.0	23.4	67.0	95.5	0
<b>Min.</b>	<b>11.6</b>	<b>15.4</b>	<b>29.3</b>	<b>67.2</b>	<b>29.0</b>
<b>Max.</b>	<b>20.3</b>	<b>28.3</b>	<b>89.2</b>	<b>97.5</b>	

Time : 00:00 - 23:00

Date : 01/12/23 - 31/12/23

Set Title



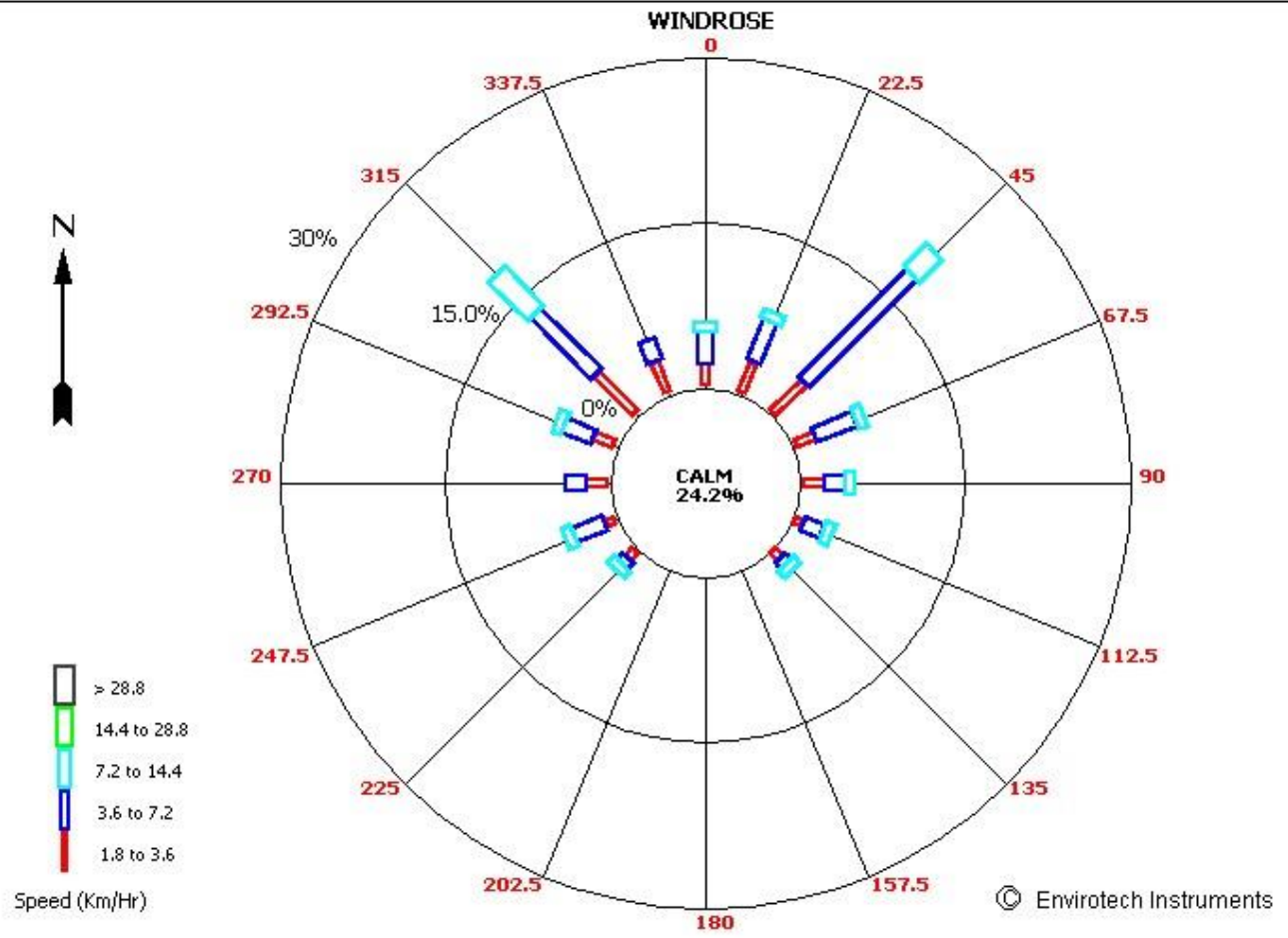
## AVERAGE DAILY METEROLOGICAL DATA OF JANUARY-2024

<i>Date</i>	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-01-01	15.0	20.0	81.0	96.4	0
2024-01-02	14.0	18.3	87.1	96.6	0
2024-01-03	15.1	18.3	90.1	97.0	0
2024-01-04	14.2	18.6	85.2	97.0	0
2024-01-05	13.1	17.5	91.1	96.5	0
2024-01-06	13.1	18.3	83.2	96.6	0
2024-01-07	10.2	19.0	84.0	96.6	0
2024-01-08	14.0	22.4	74.1	97.1	0
2024-01-09	15.0	21.0	84.0	97.0	0
2024-01-10	14.2	22.1	61.5	97.0	0
2024-01-11	10.1	25.5	41.0	96.6	0
2024-01-12	10.0	26.2	38.0	96.2	0
2024-01-13	12.2	28.0	47.3	93.3	0
2024-01-14	15.2	28.0	43.0	88.4	0
2024-01-15	13.1	26.3	34.3	86.2	0
2024-01-16	12.0	26.0	40.4	91.4	0
2024-01-17	12.1	26.6	45.3	88.1	0
2024-01-18	11.5	24.5	36.4	92.5	0
2024-01-19	9.3	24.6	28.3	93.1	0
2024-01-20	8.0	18.6	58.1	96.1	0
2024-01-21	6.1	22.4	39.5	96.2	0
2024-01-22	9.1	25.6	24.2	92.5	0
2024-01-23	10.1	25.1	27.2	89.1	0
2024-01-24	10.0	25.3	25.4	71.0	0
2024-01-25	10.3	26.2	29.3	83.2	0
2024-01-26	12.1	26.4	33.3	90.0	0
2024-01-27	12.1	26.5	33.0	87.2	0
2024-01-28	13.0	28.2	31.5	88.0	0
2024-01-29	13.1	25.5	49.3	85.1	0
2024-01-30	15.2	22.3	42.4	98.0	0
2024-01-31	16.4	28.4	37.2	84.3	0
<b>Min.</b>	<b>6.1</b>	<b>17.5</b>	<b>24.2</b>	<b>71.0</b>	<b>0.0</b>
<b>Max.</b>	<b>16.4</b>	<b>28.4</b>	<b>91.1</b>	<b>97.1</b>	

Time : 00:00 - 23:00

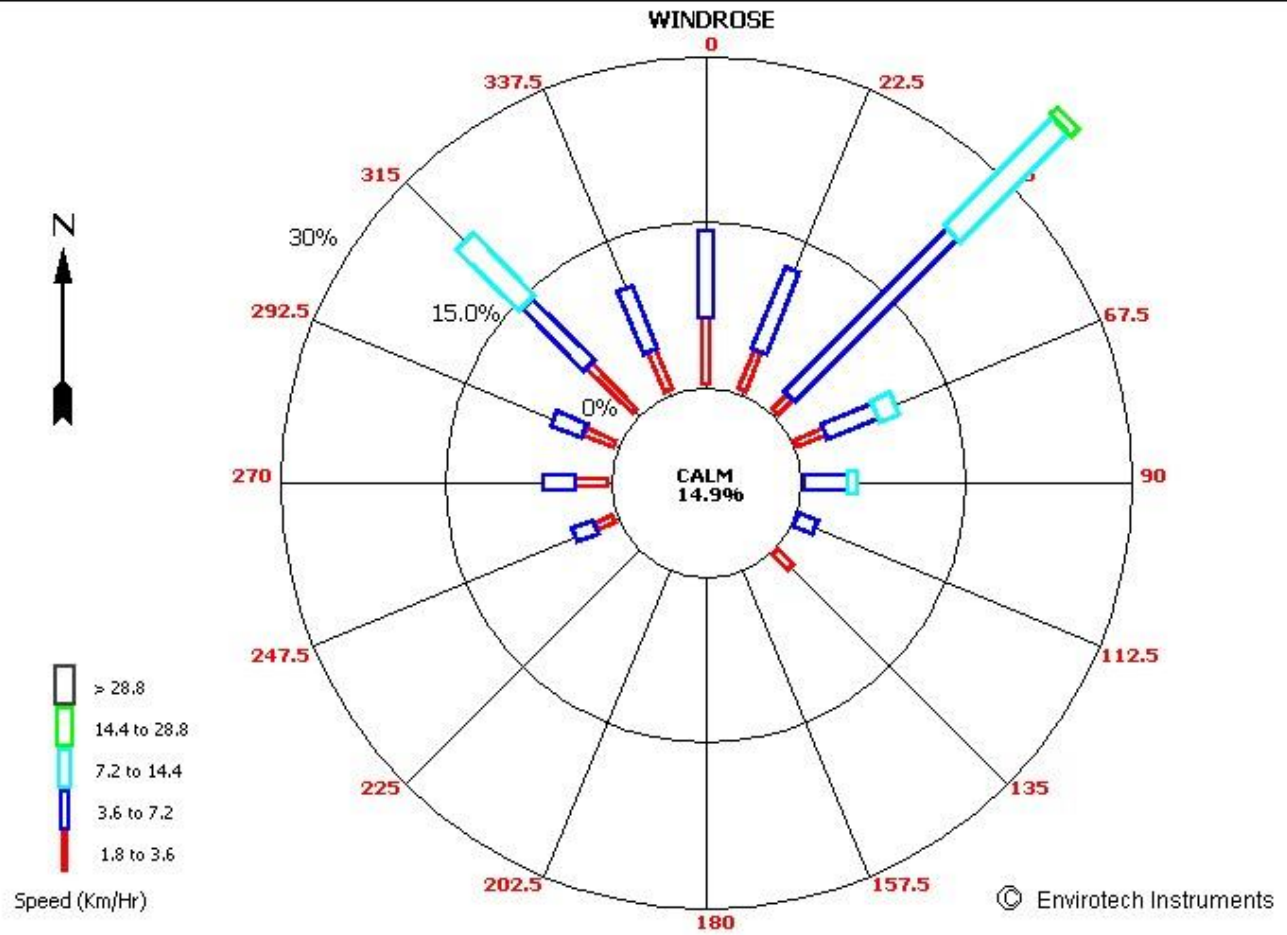
Date : 01/01/24 - 31/01/24

Set Title



## AVERAGE DAILY METEROLOGICAL DATA OF FEBRUARY- 2024

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-02-01	15.1	27.5	47.2	80.0	0
2024-02-02	15.2	27.3	48.2	93.0	0
2024-02-03	14.2	30.2	36.6	93.1	0
2024-02-04	18.2	29.4	43.0	90.0	0
2024-02-05	18.0	27.3	56.2	96.0	0
2024-02-06	17.0	25.5	46.5	96.4	0
2024-02-07	15.0	25.5	37.0	85.5	0
2024-02-08	13.1	24.6	19.1	67.2	0
2024-02-09	9.0	26.5	22.4	78.6	0
2024-02-10	12.2	26.5	24.2	77.0	0
2024-02-11	13.1	26.4	28.1	74.0	0
2024-02-12	13.2	28.3	39.3	79.3	0
2024-02-13	15.3	28.5	43.2	84.5	0
2024-02-14	18.0	28.4	37.3	83.4	0
2024-02-15	15.1	28.6	30.2	83.5	0
2024-02-16	14.6	31.4	23.4	83.5	0
2024-02-17	15.2	31.3	27.0	81.3	0
2024-02-18	16.0	33.5	24.0	68.0	0
2024-02-19	18.0	33.5	21.4	63.3	0
2024-02-20	19.1	33.1	27.2	61.3	0
2024-02-21	19.4	30.3	38.0	71.3	0
2024-02-22	17.3	29.5	26.3	84.5	0
2024-02-23	16.2	28.4	24.2	76.0	0
2024-02-24	17.0	30.3	24.1	67.4	0
2024-02-25	17.0	27.6	26.2	56.1	0
2024-02-26	17.2	27.4	28.3	50.2	0
2024-02-27	18.1	25.4	38.0	53.5	0
2024-02-28	15.0	30.4	27.3	75.3	0
2024-02-29	15.1	33.4	23.2	72.1	0
<b>Min.</b>	<b>9.0</b>	<b>24.6</b>	<b>19.1</b>	<b>50.2</b>	<b>0.0</b>
<b>Max.</b>	<b>19.4</b>	<b>33.5</b>	<b>56.2</b>	<b>96.4</b>	



### AVERAGE DAILY METEROLOGICAL DATA OF MARCH- 2024

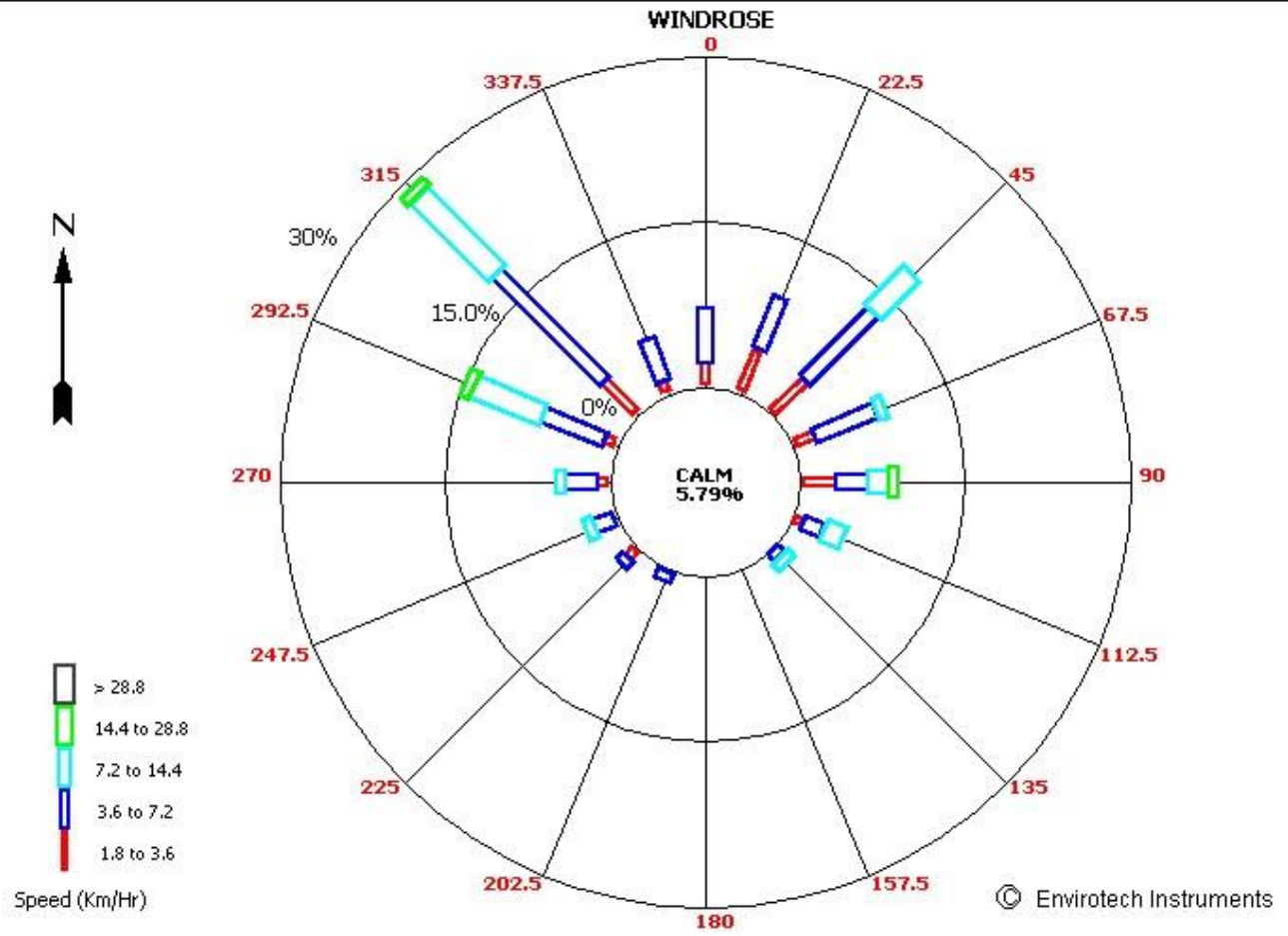


Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-03-01	19.1	37.2	23.5	77.2	1.6
2024-03-02	20.0	31.4	45.0	89.3	1
2024-03-03	19.1	28.5	22.4	95.4	0
2024-03-04	15.0	27.5	23.3	62.0	0
2024-03-05	14.0	29.4	22.2	70.4	0
2024-03-06	15.1	31.2	23.3	63.5	0
2024-03-07	16.0	31.5	22.3	75.4	0
2024-03-08	17.0	32.5	20.0	66.4	0
2024-03-09	18.0	32.3	23.0	61.3	0
2024-03-10	18.0	34.4	22.1	66.6	0
2024-03-11	21.3	35.6	23.2	62.3	0
2024-03-12	21.2	35.2	20.1	61.3	0
2024-03-13	19.6	35.4	17.3	59.0	0
2024-03-14	21.0	33.5	23.2	49.1	0
2024-03-15	21.1	34.1	21.2	56.1	0
2024-03-16	20.0	33.5	19.3	57.0	0
2024-03-17	20.2	35	18	45.2	0
2024-03-18	21.1	34.4	17.1	45.3	0
2024-03-19	20.2	34.5	14.1	44.5	0
2024-03-20	19.3	35.3	15	47	0
2024-03-21	20	36	14.3	54.3	0
2024-03-22	21.1	38	15	61	0
2024-03-23	22.1	39.2	12.1	41.3	0
2024-03-24	24	37.5	19.2	34.1	0
2024-03-25	23.2	38.6	20.1	48.2	0
2024-03-26	23.2	37.3	19	47.6	0
2024-03-27	25.1	41.4	15.1	39.2	0
2024-03-28	27.2	41.5	17	40.4	0
2024-03-29	26	40.4	17.2	42.1	0
2024-03-30	28	40.2	17.6	41.6	0
2024-03-31	26.4	38.3	13.1	36.2	0
<b>Min.</b>	<b>14.0</b>	<b>27.5</b>	<b>12.1</b>	<b>34.1</b>	<b>2.6</b>
<b>Max.</b>	<b>28.0</b>	<b>41.5</b>	<b>45.0</b>	<b>95.4</b>	

Time : 11:00 - 23:00

Date : 01/03/24 - 31/03/24

Set Title



#### 4 AMBIENT AIR QUALITY

Air quality monitoring is carried out to assess the extent of pollution, ensure compliance with national legislation, evaluate control options, and provide data for air quality modeling. There are a number of different methods to measure any given pollutant, varying in complexity, reliability, and detail of data.

The locations for monitoring stations depend on the purpose of the monitoring. Most monitoring networks are designed with human health objectives in mind, and monitoring stations are therefore established in population center.

The measurements were conducted during the period of **October-2023 to March-2024**

The air samples were analyzed as per the standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring are given in table as below:

**TABLE 4.1 TECHNICAL PROTOCOLS USED FOR AMBIENT AIR QUALITY MONITORING.**

S. No.	Parameter	Protocol Followed
1	Particulate Matter, PM <sub>10</sub> , µg/m <sup>3</sup>	IS: 5182 (P-23)
2	Particulate Matter, PM <sub>2.5</sub> , µg/m <sup>3</sup>	CPCB Guidelines (Gravimetric Method)
3	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	IS: 5182 (P-6)
4	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	IS: 5182 (P-2)
5	Carbon Monoxide, µg/m <sup>3</sup>	IS: 5182 (P-10)
6	Ammonia, µg/m <sup>3</sup>	CPCB Guidelines
7	Ozone, µg/m <sup>3</sup>	APHA 1977, Part819
8	Lead, µg/m <sup>3</sup>	IS: 5182 (P-22)
9	Arsenic, ng/m <sup>3</sup>	IS: 5182 (P-22)
10	Nickel, ng/m <sup>3</sup>	IS: 5182 (P-22)
11	Benzene, µg/m <sup>3</sup>	IS: 5182 (P-11)
12	Benzo-alfa-pyrene, ng/m <sup>3</sup>	CPCB Guidelines
13	Mercury (Hg), ng/m <sup>3</sup>	APHA 2012: 3112 B

## 4.1 AMBIENT AIR QUALITY RESULTS

The detailed on-site monitoring results of ambient air quality are presented in table as given below:

**TABLE 4.2: AMBIENT AIR QUALITY MONITORING RESULTS**

Quarter III (October 2023 to December 2023)					
S. No.	Parameter	Sidni	Kawai	Mukhandpura	NAAQ Standard
1	Particulate Matter, PM <sub>10</sub> , µg/m <sup>3</sup>	76.2	73.8	78.3	100
2	Particulate Matter, PM <sub>2.5</sub> , µg/m <sup>3</sup>	35.0	39.4	32.4	60
3	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	19.40	21.23	18.6	80
4	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	7.46	6.84	6.24	80
5	Carbon Monoxide, mg/m <sup>3</sup>	0.7	0.6	0.8	4
6	Ammonia, µg/m <sup>3</sup>	2.70	2.20	3.21	400
7	Ozone, µg/m <sup>3</sup>	3.46	3.08	3.60	100
8	Lead, µg/m <sup>3</sup>	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	1.0
9	Arsenic, ng/m <sup>3</sup>	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	6.0
10	Nickel, ng/m <sup>3</sup>	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	20
11	Benzene, µg/m <sup>3</sup>	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	5.0
12	Benzo-alfa-pyrene, ng/m <sup>3</sup>	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	1.0
13	Mercury (Hg), ng/m <sup>3</sup>	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	-

Quarter IV (January-2024 to March-2024)					
S. No.	Parameter	Sidni	Kawai	Mukundpura	NAAQ Standard
1	Particulate Matter, PM <sub>10</sub> , µg/m <sup>3</sup>	68.76	70.89	71.46	100
2	Particulate Matter, PM <sub>2.5</sub> , µg/m <sup>3</sup>	29.54	32.21	31.29	60
3	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	22.30	21.51	22.82	80
4	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	7.25	6.90	8.08	80
5	Carbon Monoxide, µg/m <sup>3</sup>	0.8	0.6	0.4	4
6	Ammonia, µg/m <sup>3</sup>	3.38	5.06	2.55	400
7	Ozone, µg/m <sup>3</sup>	2.95	4.84	3.39	180
8	Lead, µg/m <sup>3</sup>	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)	1.0
9	Arsenic, ng/m <sup>3</sup>	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	6.0
10	Nickel, ng/m <sup>3</sup>	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	20
11	Benzene, µg/m <sup>3</sup>	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	5.0
12	Benzo-alfa-pyrene, ng/m <sup>3</sup>	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	1.0
13	Mercury (Hg), ng/m <sup>3</sup>	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	-

## 5 AMBIENT NOISE LEVEL

The measurements are done using the sound level meter. The results of the same are provided below. [Note: (i) The value is the Leq of ten readings taken in Day time and Nighttime.]

1. Day time shall mean from 6:00 am to 10:00 pm
2. Nighttime shall mean from 10:00 pm to 6:00 am.

**TABLE 5.1: NOISE MONITORING RESULTS [INDUSTRIAL AREA]**

Quarter III (October-2023 to December-2023)		
Location	Day Time Leq in dB(A)	Night-time Leq in dB(A)
Sidni (Near Labour Colony)	53.8	40.6
Kawai Village	54.6	42.1
Mukhandpura	52.1	41.6

Quarter IV (January -2024 to March- 2024)		
Location	Day Time Leq in dB(A)	Night-time Leq in dB(A)
Sidni (Near Labour Colony)	51.8	42.4
Kawai Village	52.6	41.3
Mukhandpura	53.9	41.5

## 6 STP WATER

The measurements were conducted during the period of October-2023 to march-2024. The parameters covered in the monitoring are depict below:

**TABLE 6.1 : RESULTS OF STP WATER**

Quarter III (October-2023 to December-2023)								
S. No	Parameter	45 KLD Adani Vidhayala New	45 KLD STP near Adani Vidhayala (Old)	60 KLD Township New	10 KLD SN III Guest House	10KLD 3 BHK	60KLD STP in Township (Old)	10KLD Health centre
1	pH (at 25° C)	7.36	7.38	7.22	7.42	7.36	7.22	7.35
2	Total Suspended Solid (TSS) mg/l	31.2	45.0	27.3	35.0	<5.0	23.2	28.3
3	Nitrate Nitrogen mg/l	3.81	4.93	5.82	2.8	6.0	6.12	4.21
4	Ammonical Nitrogen (as NH <sub>3</sub> -N) mg/l	8.71	13.5	7.13	12.3	6.4	6.72	13.1
5	Biochemical Oxygen Demand (BOD) mg/l	12.0	12.1	11.8	10.5	8.0	4.3	8.3
6	Chemical Oxygen Demand (COD) mg/l	39.1	46.2	35.1	58.0	18.0	15.2	23.8
7	Sulphide (as S) mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
8	Total Kjeldahl Nitrogen mg/l	12.4	15.1	14.2	17.5	15.8	13.1	15.3
9	Oil & Grease mg/l	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
10	Free Available Chlorine mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11	Bioassay Test	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent

Quarter IV (January-2024 to March-2024)								
S. No	Parameter	45 KLD Adani Vidhayala New	45 KLD STP near Adani Vidhayala (Old)	60 KLD Township New	10 KLD SN III Guest House	10KLD 3 BHK	60KLD STP in Township (Old)	10KLD Health centre
1	pH (at 25°C)	7.39	7.19	7.34	7.35	7.16	7.52	7.21
2	Total Suspended Solid (TSS) mg/l	35.3	41.5	29.1	31.0	<5.0	25.6	24.3
3	Nitrate Nitrogen mg/l	3.24	4.66	4.70	2.84	5.36	5.88	4.05
4	Ammonical Nitrogen (as NH <sub>3</sub> -N) mg/l	7.29	12.8	8.51	11.5	5.47	7.90	12.2
5	Biochemical Oxygen Demand (BOD) mg/l	8.25	9.21	9.75	9.67	5.00	3.55	7.17
6	Chemical Oxygen Demand (COD) mg/l	43.5	47.4	39.5	59.3	19.8	15.8	27.7
7	Sulphide (as S) mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
8	Total Kjeldahl Nitrogen mg/l	14.8	12.9	14.8	18.4	16.6	12.9	12.9
9	Oil & Grease mg/l	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
10	Free Available Chlorine mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11	Bioassay Test	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% dilution	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent



## 7 GROUND WATER QUALITY RESULTS

A number of parameters have been monitored in ground water at nearby villages.

The measurements were conducted during the period of October-2023 to March-2024. The parameters covered in the monitoring are depicted below:

**TABLE 7.1 RESULTS OF SURFACE WATER MONITORING**

Quarter III (October-2023 to December-2023)				
	Parameter	Salpura Village	Kawai Village	Nimoda Village
1	pH (at 25 °C)	7.60	7.59	7.62
2	Colour, Hazen	<1.0	<1.0	<1.0
3	Odour	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	<1	<1	<1
5	Total Dissolved Solids, mg/l	338	350	143
6	Total Hardness (as CaCO <sub>3</sub> ), mg/l	112	118	38.2
7	Calcium (as Ca), mg/l	37.0	40.2	8.54
8	Magnesium (as Mg), mg/l	12.0	13.8	5.20
9	Chlorides (as Cl <sup>-</sup> ), mg/l	73.5	73.0	17.3
10	Fluorides (as F) mg/l	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)
11	Sulphate (as SO <sub>4</sub> ), mg/l	8.05	8.10	5.39
12	Free Residual Chlorine mg/l	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)
13	Iron (as Fe), mg/l	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)

14	Total Chromium (as Cr), mg/l	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)
15	Arsenic (as As), mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
16	Lead (as Pb), mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
17	Cyanide (as CN) mg/l	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)
18	Mercury, mg/l	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)
19	Copper mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
20	Manganese (as Mn) mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
21	Nitrate (as NO <sub>3</sub> ) mg/l	1.39	1.82	4.85
22	Zinc (as Zn) mg/l	BLQ(LOQ:0.005)	BLQ(LOQ:0.005)	BLQ(LOQ:0.005)
23	Cadmium (as Cd)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)
24	E coli MPN/100ml	Absent	Absent	Absent
25	Total coliform, MPN/100ml	Absent	Absent	Absent

<b>Quarter IV (January 2024 to March-2024)</b>				
<b>S. No.</b>	<b>Parameter</b>	<b>Salpura Village</b>	<b>Kawai Village</b>	<b>Nimoda Village</b>
1	pH (at 25 °C)	7.49	7.11	7.13
2	Colour, Hazen	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3	Odour	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
5	Total Dissolved Solids, mg/l	327	361	149
6	Total Hardness (as CaCO <sub>3</sub> ), mg/l	118	122	45.1
7	Calcium (as Ca), mg/l	23.6	23.6	8.64
8	Magnesium (as Mg), mg/l	14.3	15.3	5.73
9	Chlorides (as Cl <sup>-</sup> ), mg/l	75.7	72.2	16.5
10	Fluorides (as F) mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
11	Sulphate (as SO <sub>4</sub> ), mg/l	7.17	7.83	4.17
12	Free Residual Chlorine mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
13	Iron (as Fe), mg/l	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)
14	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
15	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
16	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
17	Cyanide (as CN) mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
18	Mercury, mg/l	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)
19	Copper mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
20	Manganese (as Mn) mg/l	0.09	0.02	BLQ (LOQ 0.005)
21	Nitrate (as NO <sub>3</sub> ) mg/l	1.35	1.57	4.70
22	Zinc (as Zn) mg/l	BLQ (LOQ 0.005)	0.01	BLQ (LOQ 0.005)
23	Cadmium (as Cd)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
24	E coli MPN/100ml	Absent	Absent	Absent
25	Total coliform, MPN/100ml	Absent	Absent	Absent

## 8 SOIL

The measurements were conducted during the period of October-2023 to March-2024. The parameters covered in the monitoring are depict below:

**TABLE 8.1: RESULTS OF SOIL MONITORING**

S. No.	Parameter	Quarter III (October-2023 to December-2023)		
		Nimoda Village	Kawai Village	Phulbaroda Village
1	Ammonical Nitrogen (as N)	388 mg/kg	315 mg/kg	305 mg/kg
2	Iron as Fe	2.69 %	3.64 %	2678.84 mg/kg
3	Manganese as Mn	751.89 mg/kg	947.74 mg/kg	990.67 mg/kg
4	Boron (as B) mg/kg	3.57 mg/kg	7.06 mg/kg	7.12 mg/kg
5	Calcium (as Ca)	0.31 %	1.17 %	1.00 %
6	Magnesium (as Mg)	0.33 %	1.02 %	6155.50 mg/kg
7	Potassium (as K)	692.07 mg/kg	0.13 %	1067.40 mg/kg
8	Phosphorus	26.2 kg/ha	27.8 kg/ha	20.2 kg/ha

S. No.	Parameter	Quarter IV (January-2024 to March -2024)		
		Nimoda Village	Kawai Village	Phulbaroda Village
1	Ammonical Nitrogen (as N)	122 mg/kg	128 mg/kg	146 mg/kg
2	Iron as Fe	951.13 mg/kg	406.08 mg/kg	428.27 mg/kg
3	Manganese as Mn	79.66 mg/kg	34.47 mg/kg	106.57 mg/kg
4	Boron (as B)	BLQ (LOQ 5.0) mg/kg	BLQ (LOQ 5.0) mg/kg	BLQ (LOQ 5.0) mg/kg
5	Calcium (as Ca)	0.04 %	0.02 %	0.54 %
6	Magnesium (as Mg)	238.14 mg/kg	90.28 mg/kg	559.49 mg/kg
7	Potassium (as K)	40.51 mg/kg	14.66 mg/kg	52.84 mg/kg
8	Phosphorus	13.86 kg/ha	13.71 kg/ha	12.45 kg/ha

# Annual Progress Report - Kawai



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## Preface

We are going to present 11<sup>th</sup> Annual report of Adani Foundation, Kawai. Adani foundation starts intervention since establishment of Adani power thermal power station at Kawai.

Adani foundation, Kawai is a subsidiary of Adani Power Limited, has undertaken several societal wellbeing and community development programs in vicinity. Covering over 27 villages, 1 town and has engaged positively with over 42,834 people so far.

Under Corporate social responsibility Adani Foundation, Kawai is a planned set of activities taking into consideration the Company's capabilities, expectations of the local community, targeted to have a significant positive impact in the long term.

The aim is to play a vital role in the sustainable development of community, attempting to create an enabling working environment for APRL.

According to vision of AF "accomplish passionate commitment to the social obligations towards communities, fostering sustainable and integrated development, thus improving quality of life".

At Kawai site we planned programs and execute under guidance of head office with systematic approach and prior approval. Since 11-year tenure we served to community nearby to APL for uplift their livelihood with sustainable mode.

Adani foundation undertaken all programs and projects with focused approach towards identified target beneficiaries and provide support to all major aspects with consideration of sustainable development goals and as per schedule VII of CSR section 135 of Companies act 2013. Like-

- Education
- Community Health
- Sustainable Livelihood Development
- Community Infrastructure Development
- We also run a flagship program: UDAAN project.

In concise The Adani foundation Kawai working for society with all aspects of societal development which needful and really impact to nearby community.

With various initiatives we bridge the gap and promote quality education in Govt. schools, provide doorstep health facilities and awareness to 28 villages, with livelihood activities provide sustainable livelihood with focus into women entrepreneurship in vicinity. And intervene to community infrastructure and support to nation building with approach of Growth with Goodness and BHARAT NIRMAN.

## Message from Business Head

I am pleased to share Adani Foundation Annual report 2023- 24 which provides an update on our progress and reaffirms our commitment to social responsibility.

I believe that a business will be considered truly successful only when it takes the society around it towards the path of progress. A critical pillar of our sustainable, long-term growth is the need to ensure that an organization's governance and operations are fully aligned with environmentally and socially responsible practices. In Adani Socially responsible journey is built into our DNA.



As you will see in this report, since last year we have made more efforts to reflect our dedication to improving the Education, Health, Sustainable Livelihood Development, and Infrastructure Development for well-being of our communities, and we embraced several other initiatives to underscore our commitment toward societies.

If we talked about Education Initiatives, we touched the life of thousands of children. On the one hand we put the wings of children's Dream through Project Udaan and on the other hand tried to give them a new direction by giving them coaching for JNV Entrance Exam. To promote sports in rural area and develop the sport talent We extended a hand with the government and supported the Rural Sports, We also aided school' children in order to facilitate to play at District & State level games.

As far as community Health is concerned by covering thousands of Kilometers MHCU helped thousands of peoples throughout the year and provided doorstep medical assistance to every person of society. Not only this but we also collaborated with Health department and conduct awareness workshop for AASHA workers to enable focused health service at ground level in Atru block.

This year proved to be very important for Adani Foundation Kawai as far as sustainable livelihood development concerned. Our KAMDHENU Project for improved Cattle Breeding Services beaten the target. Under the VRUKSH SE VIKAS we developed many orchards. The FPO (HPPCL) now sustainable and provide livelihood to more than 500 women stakeholders of APL vicinity.

Infrastructure Development also did not stay away from us. To provide infrastructure for quality education we constructed 2 classrooms at Govt. school Khedli gaddiyan at just adjoin village of APL.

Our arduous work did not go unnoticed: In FY 2023-24, we were named many awards from Govt and other agencies like District level award under Education domain & several other recognitions.

I want to thank Team Adani Foundation Kawai which is enriching the life of thousands and showing the way to a bright future for underprivileged.

Pramod Saxena

Station Head, APL – Kawai



## Demographic Profile

**Baran district** was part of the princely state of Kota. It was formed on 10<sup>th</sup> April 1991 by carving out Kota district. Baran is located at 25.1°N 76.52°E. It has an average elevation of 262 meters (859 feet). Located in the Kota Plateau of Vindhya range.

Baran district comes under the Jhalawar-Baran parliamentary constituency and is divided into four assembly constituencies - Anta, Baran-Atru, Kishanganj and Chhabra. Eight tehsils come under this district, namely Anta, Baran, Atru, Chhabra, Mangrol, Kishanganj, Shahabad and Chhipabarod. It is spread over an area of 6992 Sq.km but of this only 82.18 Sq. Km is urban. The rest of the district comes under the rural category. As of 2011 India census, Baran had a total population of 12,22,755. Baran district is considered as Aspirational district by Niti Aayog.

**Rivers:** - Kali Sindh, Parvati, Parwan, Andheri, Ban-Ganga are the major rivers.

**Climate:** - The city has a dry climate except in the monsoon seasons. The winter season runs from mid of November to February and summer season runs from March to mid of June. The period from mid of June to September is the monsoon season followed by the months October to mid of November constitute the post monsoon or the retreating monsoon. The average rainfall in the district is 895.2mm.

**Baran Literacy Rate:** - 66.66%

**Baran Sex Ratio:** - 929: 1000

**Atru** is the Nagar Palika, block & tehsil headquarter. Atru tehsil is the biggest tehsil of the Baran district and has 141 villages under its administration. Total area of Atru tehsil is 834 km<sup>2</sup> including 823.70 km<sup>2</sup> rural area and 10.00 km<sup>2</sup> urban area.

**Kawai** is a Gram panchayat in the Atru at Baran district. It is in the southeast of northern Indian state of Rajasthan. It is located around 45 kilometers south of the Baran district.

**Adani Power Limited Kawai** the Adani thermal station is located at village Kawai in Atru Tehsil of Baran district in the state of Rajasthan. It is located at a distance of 16 KM from Atru towards 50 KM south of District headquarter of Baran and 300 KM from State capital, Jaipur.

Adani Power Limited (APL) is the largest power producer plant in Rajasthan at a single location with a generation capacity of 1320 MW (2X660 MW). It is a coal-based thermal power plant on supercritical technology.

- Project land: Kawai village NH 90 Tehsil Atru.
- Water source: Parwan river approx. 25 KM from site.
- Water requirement: 25MCM per annum
- Primary fuel: Domestic coal.
- Coal requirement: 7.14 million metric tons per annum.
- Chimney: 275-meter-high twin flue RCC chimney.

**Adani Foundation, Kawai** At present we are working in 27 villages & 1 towns, 13 Gram Panchayats under district Baran. And Support to 32 Govt. schools, 1 Sub district hospital, 1 CHC, 2 PHC and 9 Sub centers.

all these divided in to 4 clusters for better understanding & monitoring purpose.

Sr. No.	Cluster details	Name of Villages
1	<b>Cluster One</b> (Core zone)	Kawai, Salpura, Kherli Gaddiyan, Nimoda, Dhara, Baldevpura, Chhatrapura and Mukundpura.
2	<b>Cluster Two</b> (Pipeline zone)	Chothya, Maytha, Solahedi, Hathi-Dilod, Kharkhada Ramlothan, Dadwara, Phoolbaroda, Jharkhand and Bamori.
3	<b>Cluster Three</b> (Anicut zone)	Aton, Atru, Kunjar and Baldevpura Anicut.
4	<b>Cluster Four</b> (Buffer zone)	Kherli Bansla, Barla, Hanihera, Seendhani, Bamapura, Aamapura, and Lolaheri.



## Executive Summary

According to vision of Adani Foundation **“accomplish passionate commitment to the social obligations towards communities, fostering sustainable and integrated development, thus improving quality of life”**. At Kawai site we planned activities and executed under guidance of head office with prior approval.

All programmes / Projects undertaken for FY 2023-24 were conceived and implemented through a focused approach towards target beneficiaries for generating maximum impact. Activities are largely focused in the areas of Education, Community Health, Sustainable Livelihood Development, Community Infrastructure Development and Udaan project. Apart from that employee engagement in CSR activities.

The foundation is working in all aspects of community development which needful for core villages of Adani power plant.

With the tagline of Adani group “GROWTH WITH GOODNESS” is the key focus element, we committed to foster development of nearby community as rapid growth of our business.

The all programs / activities of Adani foundation at Kawai closely linked with long-term social development goals and adhere to the practice of sustainable development. The key focus of CSR programs is on facilitating infrastructure provision for qualitative improvement in Education, Community health, Sustainable livelihood, Women empowerment, and Community infrastructure.

**Towards Quality Education:** - Kawai team committed to promote quality education in nearby schools with providing all need-based facilities and gap filling work for Govt. schools. In year 2023-24 under various initiatives like-

- ✓ JNV coaching classes where 83 students taking 5 months free of cost coaching for JNV selection test. This program builds strong foundation in 5<sup>th</sup> class which will benefit in senior classes.
- ✓ AF supported in Sport tournament who organizing by Govt. schools and approx. 2440 players participated in reporting year and 22 state level selection.

**For Health wellbeing of community:** - Kawai team provide doorstep health facilities and awareness to nearby community like-

- ✓ The doorstep medical facilities to 28 villages with Mobile health care unit program; in this year we cured to people with 35625 OPD.
- ✓ In this year we spread awareness and health checkup camp in nearby schools and other identified location where 2700 OPD done. .

**Promote Sustainable livelihood for society:** - Kawai team provide sustainable livelihood with focus on marginalized farmers, women empowerment, social forestry programs like-

- ✓ Provided doorstep artificial insemination service to cattle for breed improvement and dairy development. this year we covered 1251 cattle thru artificial insemination, 2000 cattle vaccination, and 25 village level animal health camps.
- ✓ Provide support to 430 farmers by providing variety of fodder and vegetable seeds.
- ✓ For increase the income of farmers we organized 05 training session with support of animal husbandry and agriculture department and 250 farmers benefitted.
- ✓ Under project VRUKSH SE VIKAS promote improved agriculture techniques; In reporting year benefits reach to 120 farmers with Orchard development, farmers training, and soil test.
- ✓ Under the Capacity building program, we build FPO "HADOTI PRAGEETSHEEL PRODUCER COMPANY LIMITED' with 512 women shareholders and establish milk collection centers at 30 villages with 3000-liter milk per day under dairy development program.

**Quality infrastructure for nearby community:** - In reporting year we do various need-based and prioritize civil projects like-

- ✓ Provide quality infrastructure to promote quality education- we construct 02 Classrooms along with boundary wall at Govt. sr. sec. school Khedli gaddiyan.
- ✓ Installation of 02 borewell at Nimoda village for potable drinking water at core zone village.

**Special program for special purpose:** - To fulfill specific objective we running various initiatives at Kawai like-

- ✓ UDAAN- 1046 students visited to Adani power plant from 20 institutes for industrial exposure.

The all programs as implemented at Kawai in the reporting year were well monitored with focused towards target beneficiaries and fulfill the obligations of schedule 7 under section 135 of Companies act 2013. The all programs are designed as Sustainable development goals of United nations.



# "EDUCATION"

SDG - 4 &amp; 5

## Creating a Strong foundation upon which young India's dreams can be built

### **Beneficiary: - 2675**

Education is the backbone of every society in this world. But what matters the most is the quality of education. Government is taking initiatives to improve the situation but that is not enough because the challenge is huge and not only government, but everyone must take efforts towards imparting quality education as an important part of it. Adani foundation, Kawai support to 32 government schools to aiming basic infrastructure development. Apart from that we are conducting various programs for the improvement of quality of education.

### **The prime focus of education programme includes:**

Creating environment in the school for students through different co-curricular activities which engage students in their integrated development.

### **A. UTTHAN – Coaching: JNV entrance exam:**

SDG - 4/ 4.a/4.7

Since 2016-17 we are running coaching classes every year for preparation of JNV selection test and 20 students selected in preceding years. In last 7 years awareness increased and people more keen towards education of their children. We realize this during interaction with parents and children. But guidance still needs of the hour. Due to lack of educational infrastructure and socioeconomic status of parents focused and student centric education required. We take this situation as opportunity and motivate parents and students for take coaching with Adani competitive coaching classes and participate for JNV selection test. We conduct basic test to evaluate the status of each student. After evaluation and scrutinize process, we got 83 potential and willing students from 21 nearby schools for our 3 centrally located coaching centers e.g.

- ❖ Kawai center- 46 students
- ❖ Kharkhada Ramlothan center- 32 students
- ❖ Adani Vidyalaya centre- 5 students.

We first to strengthen the basic foundation of each student than proceed to preparation of JNV coaching. With the coaching we also facilitate to students with- Study kit, Bag, to all students and Recognition and gift to selected students.



We review performance through previous year model papers, weekly test, examine with subject wise test, then conduct grand test of whole syllabus for proper and focus preparation of JNVST.

During all tests we use prescribed OMR sheet for knowing how to fill the OMR sheet and students will be friendly with examination technique. This is very helpful because our students are only 10 to 12 years old where their parents belongs to deprived section so they do not able understand the all things.

- In this 5-month coaching we conducted traditional classes and utilized designed curriculum with digital content. Conducting 6-day class and 7th day for weekly test.
- Last year 5 students got selected in JNVST. An event organized by Adani power plant and invite to all parents, teachers, and selected students at plant. Senior management of APL Station head, Head O& M, TCD Head, Head HR and CSR head interacted and awarded to students for their achievement.

**Beneficiary - 83 students from 21 schools.**

## **B. Rural sports: Support to Sports tournaments of Govt. schools and local clubs:**

SDG - 3 & 4 /4.1

As the regular interaction and our analysis, we found that people of this area have sports talent but due to lack of supports many time schools and local club fail to organize such tournaments. So, we step-out for it and every year providing support to Govt. schools for district, state, and national level sports tournaments. And encouraging local youth clubs for engage in sports activity and spread healthy environment for betterment of surrounding community.

The sports play a vital role to spread healthy environment and overcome the stress and frustration among youth. It seems that during tournaments players as well as audience enjoy the game with free mind and develop positive vibes and synergy which improve the health and habits among people.

- District level sports tournament organized at Govt. school Ratanpura- Atru.



- 14, 17- and 19-year Volleyball tournament organized by Govt.sec. school Ratanpura.
- Total 66 teams and 792 players participated in tournaments.
- State level Football tournament organized at MG Govt. schools Baran.
- 17- and 19-year Girls Volleyball tournament organized by Mahatma Gandhi Govt School Station road Baran.
- Total 86 teams and 1648 players participated in tournaments.

- Provide support to State level selected players in various games.
  - Support to selected 7 girl players from Govt. school Mukandpura in State level Kho-Kho tournament.
  - Support to selected 5 players (4Girls- Kho-Kho, 1Boy- Kabbadi) from Govt. school Aton in State level tournament.
  - Support to selected 10 girl players from Mahtma gandhi Govt. school Atru in State level Kabbadi tournament.

**Beneficiary = 2462 Participants.**

### C. KHEL MANTHAN :

SDG - 3 & 4 /4.1

- ❖ Organised one day workshop with Physical teacher and selected players from Atru block.

As per regular interaction with community and consistent demand for support to local level sports. And we found that the vicinity people have much sport potential but due to unavailability of resources and facilities they do not perform accordingly.

As we observed and analyzed, sports is a strength of this area, but due to lack of support players do not get proper platform & not show their sports talent. Availability of sports facilities in rural community will help to increase involvement of students in sport activity as well as improve healthy habits. The aim of Manthan: Recognize players and physical teachers for achievement and guide & motivate them for further achievement and build career in field of Sports.

**Beneficiaries – 130**





# "COMMUNITY HEALTH"

## Making better healthcare facilities available and accessible

SDG – 3 &amp; 6

### **Beneficiary: - 37761**

This area of Rajasthan is very backward, poor, living standard is low, and level of awareness & education also at bottom level, necessary facilities, and sanitation practices also far away from local community. Consequently, for spread awareness & to provide basic facilities to every person of vicinity team CSR start work with positive mind set of welfare of society.

We are running various programs in health segment for creating healthy society in vicinity of APRL. Such as Mobile Health care unit is providing doorstep medical service in 28 villages on regular basis, we are conducting various activities for the improvement of health & sanitation practices among community. This year we conducted following activities for the improvement of health and awareness among community.

### **Activities conducted under community Health initiatives: -**

- A. Mobile Health Care Unit.
- B. Health Check-up Camp in Govt. schools
- C. Organized health related awareness programs and day celebrations.
- D. Special health camp on Saturday at new identified locations of Atru & Kawai.

### **A. Mobile Health Care Unit:**

SDG - 3/ 3.5

Mobile Health Care Unit is providing doorstep medical service in 28 villages of surrounding area of APL. Under this we provide free medical treatment & medicine to community at their doorstep.

### **Major Highlights of MHCU: -**

1. Free consultancy & medicine at doorstep.
2. Home visit treatment for bedridden, weak & old age patients who are not able to come at MHCU site.
3. Regular check-up / follow up for treatment.
4. All 28 villages are covered every week.
5. Awareness talk, Day celebrations, prevention & guidance about epidemic / seasonal diseases. Time to time specialist doctors also provide services. Health check-up and sanitation activity for children of Govt. schools.

**Beneficiary- Total OPD – 30901**

Mobile Health Care Unit services during year 2023-24							
Month	Male	Female	Total	Home Visit	Awareness Camp	BP & Sugar Test	Referred Case
Apr-23	1255	1094	2349	7	7	0	0
May-23	1342	1137	2479	7	11	100	5
Jun-23	1333	1116	2449	7	7	36	2
Jul-23	1479	1325	2804	5	7	29	0
Aug-23	1655	1429	3084	7	8	45	0
Sep-23	1262	1139	2401	7	12	20	3
Oct-23	1308	1254	2562	6	7	38	0
Nov-23	1516	1130	2646	7	7	83	4
Dec-23	1694	1205	2899	7	7	136	1
Jan-24	1585	1200	2785	6	8	105	1
Feb-24	1486	1284	2770	7	8	152	0
Mar-24	945	728	1673	4	7	76	1
<b>Total</b>	<b>16860</b>	<b>14041</b>	<b>30901</b>	<b>77</b>	<b>96</b>	<b>820</b>	<b>17</b>

SDG - 3

### B. Health Check-up Camp in Govt. schools:

In regular interval we conduct health checkup and awareness session in all schools of vicinity. In this year we organized 71 health check-up camps in all nearby schools benefited to 4390 children. The School Health Camps aims to conduct health screening of all the children and provide basic medical attention to every child. Along with school camp also conduct awareness and sanitation activity in all nearby govt. schools and spread awareness about health and sanitations. During these sessions we distribute pamphlets and provide iron folic acid and calcium tablets to girl's students as prescription of doctor. This initiative detect sickness in early stage and cure with proper medicine. It impacting to school regularities and improve education level of children.



**Beneficiary - 4654 children.**

### C. Celebrate various awareness Days & Awareness Program:

SDG – 3 / 3.5

Along with ongoing MHCU service we conduct various activities and day celebrations for spread awareness among village community. Under this initiative we cover all 28 villages periodically and spread awareness in villages and conduct several awareness sessions about facts.

Hypertension Day, Thyroid Day, No-Tobacco Day, International Yoga Day, World Hepatitis Day, Nutrition week, Suicide Prevention Day, Arthritis- Gathiya Day, World Osteoporosis Day, World Stroke Day, Antibiotic Medicine, World COPD Day, Cancer awareness day,

Health & hygiene, healthy food habits, seasonal diseases etc. During these sessions we utilize IEC material with awareness session/ meetings.

- Total 96 awareness session organized in 27 villages.



- Conduct awareness session on the occasion of "World Blood Donor Day.
- Conduct awareness session on occasion of "World Heart Day"
- Conduct awareness session about Breast feeding at the occasion of "World Breast feeding Week.

- Celebrate International day of older person at Baba Ramdev Old Age Home Atru. During this activity we discussed healthy lifestyle and honored all old persons.

**Beneficiary-** 27 villages.

### D. Special health camp on Saturday at new identified locations of Atru & Kawai:

During field visit and regular demand of nearby hamlets for providing medical facilities as going on for other 28 villages. With this regard we conduct baseline and meeting of hamlet for identify needs. We found people eagerly wish to health service through our MHCU. And regular MHCU sites are far away from their hamlet so that older person, female, and children not able to avail service and for this reason they regularly urge to start MHCU service in their area. Hence we organizing Saturday special visits to these identified hamlets.

**Beneficiary-** 2206 OPD

### **E. Workshop for ASHA- health workers of vicinity of APL:**

During field visit and our regular interaction with Block CMHO; it's found that Govt. deployed health worker named ASHA in every village.

But there is no provision for strengthening capabilities, capacity building, and also, they suffering for most necessary equipment and facilities which they required to accomplish their day to day level field duties. Hence we take step forward and conduct a workshop where 5 trainer from Health department facilitate and provide training to all 51 ASHAs of nearby 28 villages about different health aspects so that they do better execution of Govt. health schemes and give efficient support to deprived rural community. We also provided them a Health kit containing- Digital thermometer, Water bottle, Umbrella, Registers, stationary and a Bag.

This impactful workshop was organized by Adani foundation in association of health department Baran, National health mission and Adani power limited Kawai.

***Beneficiary- 51 ASHA workers***



# "SUSTAINABLE LIVELIHOOD DEVELOPMENT"

## Empowering community to become self-reliant

**Beneficiary: - 12107**

SDG – 1, 2, 5

The CSR team works towards improving the quality of life of the people by promoting sustainable livelihood activities through participatory, community-based approaches. To dignity and develop self confidence among flip side of our community. Adani foundation take the initiative for transform the life of rural women into the earning member of family. As the know our vicinity is very backward and poor large size of family and only one earning member. Women's role in community is only up to take care of family. For providing support to community and improve living status of women. Accordingly, we planned few activities which can support to community for their income generation.

### **A. KAMDHENU: - Integrated Livestock Development Centre:**

SDG – 1/1.1 & 2/2.5

**Beneficiary: - 8729**

Livestock continue to be an important source of livelihood for small and marginal farmers in rural areas. With the growing demand of milk, dairy, and animal husbandry remains the primary sector for development of small and marginal farmers with major focus on improvement of cattle breeds with use of sex sorted semen for increase milk production.

Considering the scope to strengthen this sector, we successfully running 02 integrated livestock development center at Nimoda and Bamori village for providing breed improvement and cattle management services in vicinity villages.

The main objective of livestock development activities is to upgrade the local indigenous low milk-yielding cows and buffaloes by breeding them through Artificial Insemination (A.I.) with the use of high pedigree frozen semen of indigenous/ exotic breeds. The resulting upgraded progeny with an improved genetic makeup will have a far better milk yielding capacity.





This is achieved through a special program called the "Cattle Breed Improvement and dairy development Program".

ILD center is running though "Pashu-Mitra", who is usually an educated and local rural youngster person. Pashu-Mitra is extensively trained to carry out animal breeding and health and nutrition related services. The Pashu-Mitra is carry out AI service for breed improvement and provide other veterinary services like – veterinary first aid, castration of scrub bulls, deworming, preventive vaccination against various diseases, infertility treatment etc.



All these services are provided at the doorstep of the farmers. Activities of these program operators are supervised and monitored by qualified veterinarians. The entire program is continuing implemented by AF team without support of partner organization.

We are providing following services through ILD Centre:

1. **Artificial Insemination:** ILD center is undertaking the breeding of Cattles. The genetically superior progeny born out of this programme will be better milk yielder. AI service is providing at the doorstep of the farmers with the use of high quality of frozen and sex sorted semen. (Total AI: - 1351)
2. **Pregnancy diagnosis:** ILDC incharge visited cattle owner after 03 month of cattle artificial insemination for diagnosis of cattle pregnancy. After confirmation of pregnancy Pashu mitra guided to cattle owner for take care and supplementary foods.
3. **Organise Calf rally:** We organized a calf rally for create awareness among farmers for create awareness on cattle breed improvement, animal health management and dairy development. Joint director animal husbandry, Plant head Adani power and more than 130 farmers participated in this event.
 
4. **Animal Health Care:** This aspect will be covered by the Pashu-Mitra with the help of qualified veterinarians. (4248 Cattle)
5. **Vaccination:** Preventive vaccination against H.S. & B.Q. will be undertaken every year with the support of Dept. of Animal Husbandry. (Vaccination: - 2000)
6. **Cattle feed supplementary:** We support for calcium and mineral mixture for pregnant and dairy cattle. This will support to milk production and growth of calves. (Total support: - 450 Farmers)
7. **Farmers Training:** Adani foundation organized farmers training for capacity building of farmers on cattle breed improvement, animal health care and fodder cultivation practices. Expert from the department of animal husbandry and BAIF participated in training program. **(Beneficiaries: 250 Farmers)**

8. **Fodder development:** we provided improved variety seed to farmers for ensuring availability of green fodder for cattle and aim of this to increase milk production in cattle. **(Beneficiaries: 430 Farmers)**

**B. FPO- Institution building:**

SDG – 1 / 1.1 & 5

**Beneficiary: - 3378**

There has been an increased emphasis on women's participation in the program. The major activities taken up are promotion of local women groups, income generation activities along with awareness generation about dairy-based livelihoods, agriculture, reproductive health, and development aspects. The income generating activities included livestock management, develop Wadis, vegetable cultivation, vermicomposting etc.

Project implemented with formation a village level group with 25 women in each village, Total 15 village & 152 women FPO 500 women. For better implementation of all activities from FPO with name of "HADOTI PRAGATISHEEL PRODUCER COMPANY LIMITED".

Currently FPO having 512 shareholders and whole shareholders are women. FPO started dairy development program and more than 5000 liter milk collected from 30 villages.

1. **Village level meetings:** For better implementation of sustainable livelihood program, Adani foundation selected 15 village level volunteer for formation of common interest group (CIG) of women, conduct monthly meetings of FPO members and organize capacity building training on improved agriculture and better animal husbandry practices. (155 meetings)
2. **Exposure visit:** We organize exposure visit for Hadoti Pragatisheel producer company Board member and shareholders at NRLM kota, Jaipur Rugs and Saras dairy at Jaipur for capacity building and adopt innovative ideas from other FPO and market linkages of dairy production and agriculture productions.



**(Beneficiaries: 35 Women)**

3. **Training:** on cattle feed and Milk production –Adani foundation organized capacity building training of FPO board directors on role and responsibility of board member, Business development and market linkages of agriculture and dairy products. (Total 4 training with 63 women).

- 4. Celebration of International women day:** Adani foundation and FPO jointly organized an event for recognize to effort of vicinity women during the year for our various CSR initiatives. For this event Station head APL, key stakeholders were present and appreciate to ongoing programs of Adani foundation. During the event we recognize to women who lead and set an example in their villages. Total 180 women participated.



Celebration of international women day

- 5. FPO & Dairy development program visit:** CEO Adani power limited, Board of directors of Adani group and Business excellence group visited to FPO ongoing program, cattle breed improvement project and other CSR activities at vicinity villages and appreciated to CSR Work.



Visit of Board director APL



CEO APL visited to Dairy program



## "COMMUNITY INFRASTRUCTURE DEVELOPMENT"

### Renewing rural India by meeting the infrastructure requirements

**Beneficiary: - 144**

SDG – 9

Basic Infrastructure facilities are very poor in this area. Even Infrastructure facility for Education & Health services is very poor. Adani Foundation improving infrastructure facilities in vicinity villages for create better environment and better utility of community with regular interaction with key stakeholders and focused observation of nearby villages we found many of the works which need to do. We prioritize and take few projects which are most required for community development. As designed procedure we planned and executed few activities for infrastructure development in surrounding area.

The prime objectives of community infrastructure development in the area are facilitates to community with real requirement which is need to basic lives.

#### **A. Need base infrastructure developmen in school:**

**Beneficiary - 144**

SDG – 4.A & 9.1

Adani Foundation Kawai working with 32 vicinity Govt. schools with the vision to improves quality of education with providing support which actual required.

As our regular interaction with Schools, Gram panchayats and Education department it is found that schools require infrastructure support for quality education. With this line and length CSR team taken survey of schools and during our baseline survey, it was observed that school has good strength and enough teaching staff. but due to several gaps related to infrastructure and other impacting badly to educational environment.

During our baseline analysis we found that Govt. sr. sec. school Khedli gaddiyan which is situated in our core zone and located at just near to our Power plant. School has more than 144 strength and it just 2 years back Government upgraded from upper primary to Sr. secondary level. But there is no allocation of any budget for needed infrastructure to maintain proper classes up to 12<sup>th</sup> standard.

Construction of room will be increased the enrollment in school and also develop good environment for education.

## Climate Action - VRUKSH SE VIKAS

**Beneficiary: - 600**

SDG – 2 / 2.3, 2.4,7

**1. Fruit plantation for develop Wadi model:** The “Wadi” model of tribal development is holistic in approach addressing production, processing and marketing of the produce and other livelihood needs. The core of the programme is “Wadi” and other development interventions are built around “Wadi”. The “Wadi” in Gujarati means a 'small orchard' established in one or two acres of land. Two or more fruit crops are selected in the “Wadi” model to minimize the climatic, biological, and marketing risks. Small farmers having less than 5-acre land is given 0.5-acre wadi each for raising 60 fruit plants suitable to local conditions.



Adani foundation has been closely associated with farmers for sustainable livelihoods through orchard-based farming systems. AF laid special emphasis on providing support for holistic development of small and marginal farmers with orchard establishment as the core element. The focus of “wadi model for farm-based development has been acclaimed worldwide

as a sustainable and replicable model for poverty alleviation. The model was presented as a successful replicable model for poverty alleviation in developing countries. The model was also exhibited in the “Basic Needs Pavilion” at the Expo-2000, GmbH, Hanover.” (Small orchard) together with suitable soil conservation, water resource development and other measures for improving the quality of farmers life such as community health & sanitation, women development, institutional development, etc. For develop livelihood of farmers provided vegetable seeds to 20 farmers and income has increased around 12000 to 15000 each family. With this farmers family meet fresh and healthy organic vegetable at their doorstep.

Program Achievements- In these 22 villages, over 50 families covered for develop 'wadis' of mango, orange, Ber, Guava plants. Fruiting started in Guava, Ber and mango.

**2. Farmers training:** We organized Farmers training on cattle breed improvement, improved agriculture and wadi model for ensure sustainable livelihood to marginalized farmers. Under the farmers training department of Animal husbandry, agriculture and horticulture as resource person.

**3. Vegetable seed support:** Adani foundation provided vegetable seed to farmers for increase income in agriculture thru improved technology and growing vegetable with traditional agriculture. (Total 20 Farmers)

## Special Programs – UDAAN

# “UDAAN”

Igniting young minds for Bharat Nirman.

**Beneficiary: - 1046**

SDG - 4 & 5

The project inspired by the life-changing story of Hon'ble chairman Sh. Gautam S. Adani. As a kid, Sh. Adani had visited the Kandla port, Gujarat and after looking at the expanse of the port, he dreamt of having his own port one day.

With inspiring story and success of Adani group it has dreamt that to provide platform with exposure visit at Adani entities to every student for their potential career and future growth prospects.

With this vision and flagship program of Adani foundation named UDAAN flying high since 2015-16.

at Kawai site under Udaan project we had organized industrial exposure visit at Adani Power Ltd. Kawai. Till date we reach to 14012 participants from 233 institutions/ schools. And this year only we conduct visit for 20 institutions / schools with 1046 participants.

With Udaan website we taking all enquiries and formalities through digital mode. With this digital platform we maintain transparency and provide login id & password to each school for details related to their visits like- upload documents, download certificates & photos, share feedback, review visit schedule and payment for visits.

As designed schedule by Head office we provide Bus facilities for pick-up and drop from school, provide T-shirt, Cap, and lunch to all participants.

Once students reach to APRL premises we conduct Auditorium session where we gave induction of power plant, then conduct departments wise session like- Security overview, Safety induction, explain journey of Adani & APL, overview of CSR programs, life changing story of Gautam Adani Sir, Motivational talk by senior leaders of plant and career guidance by HR department. After that we show them Adani power plant Model at service building and explain how electricity is generating in plant. Then arrange plant round, visit to safety park, and photo session for memory. At the end of visit we take feedback and drop back to students in their schools.

With Udaan exposure visit students gain first-hand information regarding functioning of big industry/ enterprises. And it helps participants to understand their own potential and get motivated to work towards the dream career.

To encourage, motivate and presentation of big dream in front of youth is the main motive of UDAAN project. It creates curiosity and actuate to potential of mind to see big dream improve thought process & enhance mentality of rural youth.





Auditorium session for Udaan participants



Address by Station head



Visit @ Service building



Group pictures in various location

## Case stories

### Feel proud and Empowered – Said Shahnaj

- i. Shahnaj bano is living at Khedali village, Kherli village is located near Adani power plant in Atru tehsil of Baran district in Rajasthan, she became a part of the livelihood enhancement camps set up by Adani Foundation in her area. That was where she learnt more about the different ways in which they are planning to empower women primarily in the dairy business because there was no milk collection centre in the village.
- ii. Even people didn't know what to do with the excess milk production by their cattle because of which animal husbandry was not looked at as a profitable business by people. That is when Hadoti Pragatisheel Producer Company Limited - FPO was formed by the Adani foundation and since I had keen interest in the field, I was made a board member of FPO. Hailing from a Muslim minority community, women didn't really go out of their homes for work, but I brought about a change and 50 women of the community to become a part of FPO," Shahnaj shares.
- iii. In August 2022, she and her team started a Milk Collection Centre in her village and slowly more and more women became a part of this movement and the business is scaling new heights.
- iv. "Today, I can proudly say that everyday 200 liters of milk is being collected from my village which has resulted in an earning of Rs 2.5 lakh every month. Today, more than 40 new animals purchased by villager in this tenure. I am a leading example of how as a female I have not only changed my life but also the lives of many women of my community," she says.
- v. Now Shahnaj and villagers giving thanks to Adani foundation for provide platform for selling of surplus milk at village and increase the livelihood of farmers.





## Disability is just a challenge not a hurdle: Chandan Jain

Chandan Jain, a jolly and handicapped student from an underprivileged community, living in Salpura village just adjacent to Adani power plant, has been selected in the Jawahar Navodaya Vidyalaya Selection Test (JNVST) with the support of Adani coaching classes.

Chandan's mother had received stitching training from Adani Foundation's skill development center and was worried about her son's future. She contacted Adani Foundation for coaching classes, and with their support, Chandan was able to prepare for the JNVST and achieve success.

Chandan's father had suffered a paralysis attack a few years back and was working under a contractor at Adani Power Plant Kawai. Despite the challenges faced by the family, Chandan's mother was determined to give her son the opportunity to succeed. With the help of Adani coaching classes, Chandan was able to achieve his dreams and secure a brighter future.

This heartwarming story highlights the importance of education and the role that parents' support can play in helping young people achieve their goals. It is a reminder that with hard work, determination, and support, anything is possible. Chandan's success is a testament to the power of education and the importance of providing opportunities to underprivileged communities.



## Medical health care unit

Name – Bhavar Lal Shariya s/o Kishna Lal Shariya  
Age - 75 Year (Male)

Village – Mukandpura (Cluster – 1)

### Family History:

He is live with her son they take care of him. His son a small farmer his monthly income so less so he unable afford her medicine expenses.



**Medical History:** He is suffering Hypertension and diabetes mellitus type 2 for the past 9 year. Additionally, Bhawar Lal suffered a cerebrovascular accident (CVA) nine years ago, resulting in left-sided paralysis. He resides in a rural area with limited access to specialized healthcare services. He has significant functional limitations on his left side, including difficulty with mobility, activities of daily living, and self-care tasks. His medical condition worse day by day.

**MHCU Intervention:** Doctor gave him Losartan drug once a day, Metformin 500 mg & Glimepiride 2 mg in a day for 1 year. MHCU team had monitored his BP & sugar once in a week for last 1 year. After some day later Doctors reduce his drug. Now he regularly takes Amlodipine & Metformin 500mg & Glimepiride 2mg. Docter suggest him take heathy food & avoid stress do pranayama.

**Current Status:** After taking regular treatment and counseling from MHCU team from last seven year. His Hypertension and diabetes mellitus type 2 has Considerable improvement.

He is happy & satisfied with MHCU treatment and thankful to Adani Foundation for providing quality treatment at village level.

# Employee Volunteer Program

Adani Foundation, Kawai (CSR Department) conduct various activities for our surrounding community under our 4 major verticals and 1 special projects as Education, Community Health, Sustainable livelihood & Community Infrastructure development, and UDAAN.

Every successful activities/ Program has been resulting of joint efforts. Adani Power Rajasthan Limited employees participated in many CSR activities with zeal and passion. The involvement of APRL team energizes to CSR team. Hence Team Kawai performs very well in all aspects of community development.

The employees who contributed under EVP through CSR activities feels happiness and satisfaction for their contribution. Because it was done for needy people of deprived community.

Recognize this contribution and efforts under Employee Volunteer program. Total 582 hour contributed by 61 employees and their family members. And Valuable guidance & support from senior management of APRL.

Vertical	Programs	APRL Employee contribution	Remarks
Education	UDAAN	80 Hours	4 people 1 hour & 20 visits
Community Health	GO RED- Blood donation drive	384 Hours	32 people 12 hour & 1 Day
Sustainable livelihood	FPO strengthen training	08 Hour	4 people 2 hour & 1 day
	Orchard development & other farmers training	40 Hour	20 people 2 hour & 1
<b>TOTAL</b>		582 Hour	









**INN BREAKING NEWS eNEWS**

**अदानी फाउंडेशन के प्रयत्न से 5 का हुआ जवाहर नवादय विद्यालय में हुआ चयन**

अदानी पावर प्लांट से आज प्रतिभा सम्मान कार्यक्रम में जवाहर नवादय विद्यालय में चयनित विद्यार्थियों का अदानी द्वारा सम्मानित किया गया। अदानी फाउंडेशन द्वारा संचालित जवाहर नवादय विद्यालय हेतु संचालित कॉम्पिज में 5 बच्चों का नवादय विद्यालय के कक्षा 6 में प्रवेश हेतु चयन हुआ जिससे क्षेत्र में सुश्री की तरह है। कक्षा 6 प्रवेश से समीक्षा लोभी, चयन जैन, गौरव मीना एवं संधीनी से भूमिका शाक्यवाल व अदरू से मिनिका मीना का चयन हुआ है। सीएसआर हेड गोपाल देवडा ने बताया कि विगत 6 माह तक अदानी द्वारा संचालित कॉम्पिज के मनीदर्शन में विद्यार्थियों के अथक प्रयत्न से चयन हुआ है, और इसी क्रम में अदानी फाउंडेशन द्वारा शिक्षा क्षेत्र में बढ़ावा देने व प्रतिभाओं को प्रोत्साहित करने के उद्देश्य से आयोजन किया गया है। अदरू ने हेड प्रमोद सक्सेना से अपने संतोषजनक में बताया की इसी प्रकार कई मालवणी फाउंडेशन अदानी फाउंडेशन द्वारा चलाये जा रहे हैं जिससे आस पास के क्षेत्र में जागरूकता आये और प्रत्यक्ष से ज्यादा लोगों का मन ही मन में उत्थित हो सकें। अतिथित सभी प्रमुख अधिकारी, एच आर हेड दीपिका शर्मा, एडवोकेट हेड संधीनी शर्मा, टी सी डी हेड जे पी सिंह व अन्य अधिकारियों ने बच्चों व शिक्षक भूषनेन्द्र जैन, जवाहर नवादय व सीएन लाल करण को मिनाई खिला कर मालव पहनाकर शुभकामनाएं दीं।

**अदानी फाउंडेशन के प्रयत्न से 5 बच्चों का जवाहर नवादय विद्यालय में हुआ चयन**

**नवादय में चयनित प्रतिभाओं का अदानी फाउंडेशन ने किया सम्मान**

संघर्ष में बतवा की इस प्रकाश कई मालवणी कॉम्पिज अदानी फाउंडेशन द्वारा चलाये जा रहे हैं जिससे अथक प्रयत्न से चयनित लोभी, चयन जैन, गौरव मीना एवं संधीनी से भूमिका शाक्यवाल व अदरू से मिनिका मीना का चयन हुआ है। सीएसआर हेड गोपाल देवडा ने बताया कि विगत 6 माह तक अदानी द्वारा संचालित कॉम्पिज के मनीदर्शन में विद्यार्थियों के अथक प्रयत्न से चयन हुआ है, और इसी क्रम में अदानी फाउंडेशन द्वारा शिक्षा क्षेत्र में बढ़ावा देने व प्रतिभाओं को प्रोत्साहित करने के उद्देश्य से आयोजन किया गया है। अदरू ने हेड प्रमोद सक्सेना से अपने संतोषजनक में बताया की इसी प्रकार कई मालवणी फाउंडेशन अदानी फाउंडेशन द्वारा चलाये जा रहे हैं जिससे आस पास के क्षेत्र में जागरूकता आये और प्रत्यक्ष से ज्यादा लोगों का मन ही मन में उत्थित हो सकें। अतिथित सभी प्रमुख अधिकारी, एच आर हेड दीपिका शर्मा, एडवोकेट हेड संधीनी शर्मा, टी सी डी हेड जे पी सिंह व अन्य अधिकारियों ने बच्चों व शिक्षक भूषनेन्द्र जैन, जवाहर नवादय व सीएन लाल करण को मिनाई खिला कर मालव पहनाकर शुभकामनाएं दीं।

**जिला स्तरीय वॉलीबॉल मुकाबले शुरू**

पत्रिका सोटर्स कं.सी.एस. पब्लिका.कॉम

जिला स्तरीय वॉलीबॉल मुकाबले शुरू

जिला स्तरीय वॉलीबॉल प्रतियोगिता का शुभारंभ

जिला स्तरीय वॉलीबॉल प्रतियोगिता का शुभारंभ

**अदानी ग्रुप के चेयरमैन गौतम अदानी के जन्मदिन पर रक्तादान शिविर आयोजित**

जयपुर (सीमा सन्देश)। अदानी ग्रुप के चेयरमैन गौतम अदानी के जन्मदिवस के अवसर पर अदानी फाउंडेशन के सामाजिक सरोकार के तहत आज के दिन देश भर में अदानीयों की समस्त इकाइयों एवं संस्थानों पर रक्तदान शिविर आयोजित किया जाता है। इस रक्तदान महादान कार्यक्रम के तहत राजस्थान की व्यावसायिक इकाइयां अदानी ग्रोन एजेंसी लिमिटेड जैसलमेर एवं अदानी पावर लिमिटेड कवाई बारा में रक्तदान शिविर का आयोजन किया गया। इसके अंतर्गत अदानी ग्रोन एजेंसी लिमिटेड के स्टेशन हेड अलोक चव्हाण व शिवा मिश्र ने जैसलमेर जिले में रक्तदान शिविर का आयोजन किया गया। अदानी में बताया कि यह रक्तदान आम जनता के सहयोग के लिए किया जा रहा है जिससे रक्त उपलब्धता सुनिश्चित हो सके। अदानी के क्रम में अदानी फाउंडेशन के राजस्थान हेड गोपाल सिंह देवडा ने बताया कि चेयरमैन सर के जन्मदिवस पर रक्तदान शिविर का आयोजन अदानी फाउंडेशन की अदरू दिनेश मीना तथा ब्लॉक सत्यनारायण आमेठ, एंशडीएम नेतृत्व में प्रो. प्रीति जी अदानी के नेतृत्व में सितार सामाजिक सरोकार के कार्य के तहत किया जाता है। इसी कड़ी में लगातार कई वर्षों से जन्मदिवस के अवसर पर सामाजिक सरोकार के अंतर्गत अदानी की सभी संस्थाओं में अदानी फाउंडेशन के बैनर तले रक्तदान शिविर आयोजित किया जाता रहा है।

**UDAYAM RJ-04-001298**

**V NEWS RAJASTHAN**

संपादक विवेक कुमार शर्मा

विवेक कुमार शर्मा | Wed, 04/10/2023

**\*उदान कार्यक्रम के अंतर्गत केशव महाविद्यालय अदरू ने की अदानी पावर प्लांट में इंडस्ट्री विजिट.....\***

आज दिनांक 4/10/2023 को केशव महाविद्यालय अदरू के छात्र छात्राओं ने बस द्वारा अदानी पावर प्लांट का भ्रमण किया जहाँ अदानी स्टेशन हेड प्रमोद सक्सेना ने महाविद्यालय डल प्रभारी अजय लथारी एवं मीलम सोलंकी को प्रीभा परचन कर स्वागत किया। प्राचार्य डॉ. सीमा राणागत ने बताया कि कार्यक्रम के अंतर्गत सीएसआर हेड गोपाल देवडा, सेप्टी हेड अनूप सर, करियर मैनेजर जयदीप चारण ने शिक्षालय के शिक्षकों जितेंद्र सिंह, शारीरिक शिक्षक रामलीला मीना, उषा मीना का भी गेथे भेट कर स्वागत किया और ऑटोडिग्रीसम में प्लांट व अदानी फाउंडेशन की नमूने

**प्लांट जाकर छात्र-छात्राओं ने जानी बिजली बनाने की प्रकिया**

पत्रिका न्यूज नेटवर्क patrika.com

अदरू, महात्मा गांधी राजकीय विद्यालय की छात्राओं ने प्रोजेक्ट उदान के अंतर्गत अदानी पावर प्लांट कवाई का शैक्षणिक भ्रमण किया। इस दौरान उन्होंने और बिजली उत्पादन से संबंधित सैद्धांतिक और प्रायोगिक जानकारी प्राप्त की। विद्यालय बस को प्रयागराज एंड्रीस कुमार ने हरी झंडी दिखाकर रवाना किया। विजिट ऑटोडिग्रीटर चेतन्य कुमार ने बताया कि प्लांट पहुंचने पर प्रमोद सक्सेना जयदीप चारण ने शिक्षालय के शिक्षकों जितेंद्र सिंह, शारीरिक शिक्षक रामलीला मीना, उषा मीना का भी गेथे भेट कर स्वागत किया और ऑटोडिग्रीसम में प्लांट व अदानी फाउंडेशन की नमूने

**अदानी फाउंडेशन द्वारा ब्लक मिलक कुलर हेतु किया भूमि पूजन**

प्रभात अभिनन्दन न्यून

कवाई, 8 जून (का.सं.)। अदानी पावर लिमिटेड के मुख्य कार्यकारी अधिकारी श्रीमान के बि खालिया द्वारा ब्लक मिलक कुलर हेतु भूमि पूजन किया गया। इस अवसर पर अदानी थर्मल पावर के ऑपरेशन एंड मॉन्टिंग हेड श्रीमान बृजेश सिंह एवं मानव संसाधन विकास विभाग के हेड श्रीमान विनय सिन्हा भूमि पूजन कार्यक्रम में उपस्थित रहे। इस अवसर पर अदानी पावर प्लांट कवाई के प्लांट हेड श्रीमान प्रमोद सक्सेना ने बताया कि अदानी फाउंडेशन द्वारा शिक्षा, स्वास्थ्य, आजीविका विकास, बुनियादी ढांचागत विकास एवं कौशल विकास हेतु विभिन्न गतिविधियों का संचालन किया जाता है।

**कामधेनु परियोजना के तहत काफ रैली आयोजित**

न्यून सविद्युत/नवउत्पत्ति, सार्वत। अदानी फाउंडेशन द्वारा संचालित आजीविका विकास कार्यक्रम अंतर्गत कामधेनु परियोजना से लाभाञ्चित पशुपालकों के साथ वल्ल रैली का आयोजन किया। अदानी पावर प्लांट हेड प्रमोद सक्सेना ने बताया कि अदानी फाउंडेशन द्वारा संचालित पशु नस्ल सुधार कार्यक्रम अंतर्गत स्थानीय नस्ल की बर्छड़ियों में कुटिमगयावाचन से उन्नत एवं दुग्धालू नस्ल की बर्छड़िया पैदा हो रही है एवं डेवरी विकास कार्यक्रम से स्थानीय लोगों को आमदनी बढ़ रही है। वरिष्ठ पशु चिकित्सा अधिकारी डॉ. भरत सिंह मीणा ने बताया कि पशुपालन के लिए पशु की नस्ल, पशु आहार एवं पशु का आवास प्रमुख है देखरेख उचित तरीके से किया जाना अति आवश्यक है क्योंकि आगे जाकर उसके जीवन पर अंतर डालती है। प्लांट से मॉन्टिंग हेड कर्मवीर सिंह ने बताया कि पशुपालन अंतर्गत गाय का उपयोग केवल दुध तक ही सीमित नहीं है गाय के गोचर, गोबर आदि का बहुत महत्व है जो अपनी खेती पर भी देखने को मिलता है। ग्राम पंचायत दड़ा के सरपंच अजय सिंह चौधरी ने बताया कि अदानी फाउंडेशन द्वारा संचालित कामधेनु परियोजना से क्षेत्र के पशुपालकों को फायदा मिल रहा है, डेवरी विकास कार्यक्रम का शुभारंभ जून 2022 में किया था जो की मात्रा 8 लीटर दुध से शुरू हुआ था जो आज लगभग 700 लीटर दुध प्रतिदिन हो रहा है, साथ ही साबर डेरी के साथ जुड़ने से इसका विस्तार होगा एवं स्थानीय लोगों को फायदा मिलेगा। कार्यक्रम अंतर्गत ग्राम पंचायत पंचायत कुजौड़ के पूर्व सरपंच प्रशांत पाटनी ने बताया कि पशुपालन का बहुत महत्व है। कृषि प्रधान भारत देश में खेती के बाद दूसरा स्थान पशुपालन का आता है।

**अदानी फाउंडेशन ने शिविर लगाकर विद्यार्थियों का किया स्वास्थ्य परीक्षण**

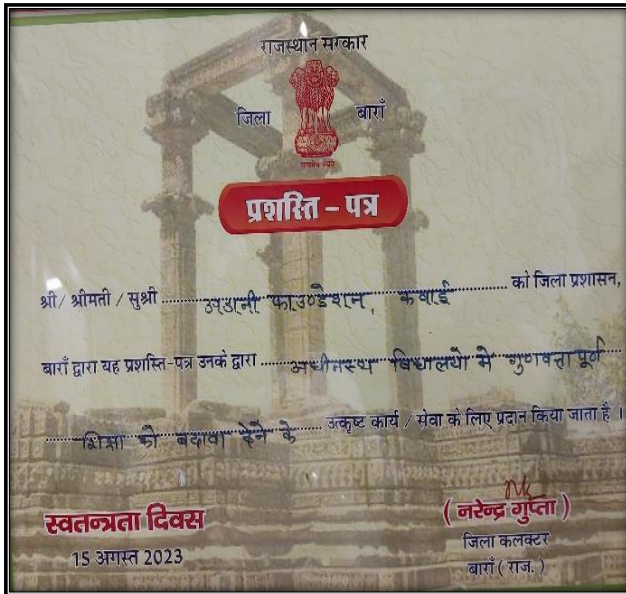
संदेश न्यून। अदरू, जवाहर नवादय विद्यालय में अदानी फाउंडेशन द्वारा मौसमी बीमारियों के बचाव के लिए शनिवार को केशव लगाकर छात्र-छात्राओं का स्वास्थ्य परीक्षण किया। प्राचार्य डॉ. सीमा राणागत ने बताया कि मौसम के बदलाव के साथ मौसमी बीमारियों के कारण मलेरिया की रोकथाम व अन्य बीमारियों के लिए स्वास्थ्य प्रशिक्षण के लिए अदानी फाउंडेशन द्वारा विद्यालय के छात्र-छात्राओं का स्वास्थ्य प्रशिक्षण कराया, जिसमें नर्सिंग ऑफिसर गीता तथा अदानी फाउंडेशन के हेल्थ प्रोजेक्ट अधिकारी दीपिका मालवीय के सहयोग से आयोजित किया गया। प्राचार्य ने कहा कि मौसम परिवर्तन के कारण जब अधिक संख्या में छात्र-छात्राएं बीमार हो जाती है तो राजकीय अस्पताल विद्यालय से दूर होने के कारण सभी बीमार विद्यार्थियों को अस्पताल ले जाना संभव नहीं होता, इसलिए जब भी आवश्यकता होती है अदानी फाउंडेशन द्वारा मेडिकल केमप आयोजित करवाया जाता है। इस केमप में मौसमी बीमारियों से ग्रस्त 144 छात्र-छात्राओं का परीक्षण कर दवाएं वितरित की गईं। मेडिकल टीम में अदानी फाउंडेशन के डॉ. लोकेश, विवेक शर्मा, फार्मासिस्ट भरत आदि ने सहयोग प्रदान किया।



## Award & Reorganization

### ❖ Awarded on District level Independence Day program-

- District administration Baran recognize to Adani Foundation Kawai for providing support towards Quality Education in Government schools at Atru block.
- The appreciation certificate and Madel handed over by Sh. Pramod jain Bhaya (Cabinet minister- Rajasthan Government) in presence of District Collector Mr. Narendra Gupta, during Independence day program.



## Beneficiaries count

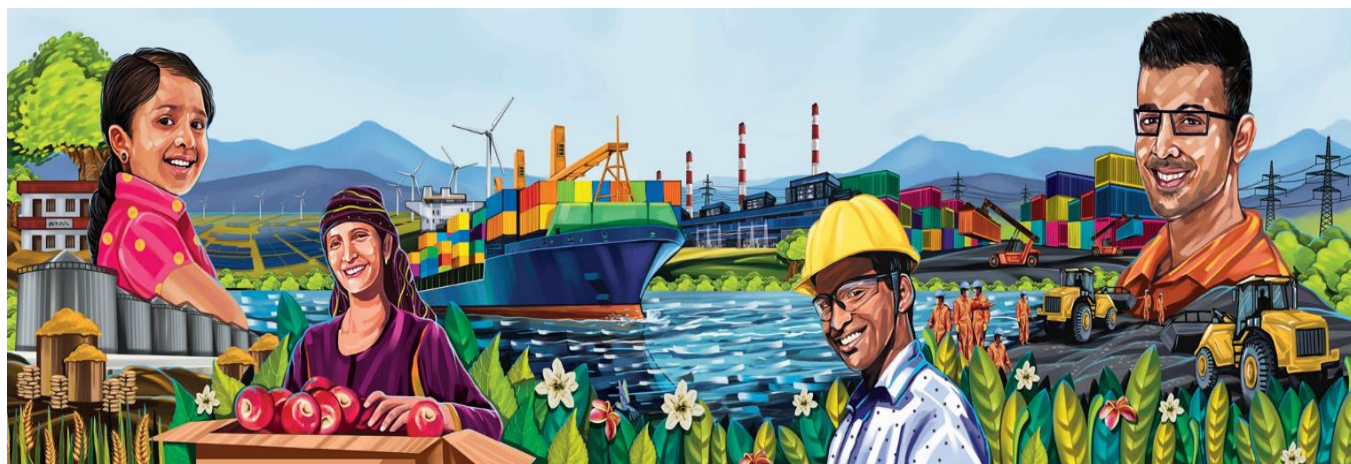
S.No.	Activity Description	Direct	Indirect	Access	% Marginalized
<b>A.</b>	<b>Education</b>				
1	PRAYATNA: JNV coaching class project	83	0	168	70%
2	Rural Sports: Support & Coaching for district / state level sports tournaments / Annual programme etc.	2462	0	0	50%
3	MANTHAN : Workshop with Teachers and Players	130	0	5722	50%
<b>B.</b>	<b>Community Health</b>				
1	Mobile Health care Unit	37761	113283	42834	50%
2	Health awareness & Ayushman Bharat center and state scheme	51	0	42834	50%
<b>C.</b>	<b>Sustainable Livelihood</b>				
1	Kamdhenu - Cattle breed improvement & Women empowerment project	12107	16890	42834	50%
<b>D.</b>	<b>Climate Action</b>				
1	Plantation – Wadi development	120	600	42834	70 %
<b>E.</b>	<b>UDAAN</b>	1046	0	0	NA

# Budget V/s Actual Half Yearly 2023-24

Sr. No.	Activities	Proposed Budget F.Y.2023-24			Expenses March -2024 till (in Lacks)	% of utilization
		Capex	Opex	Total		
A.	General Management and Administration	0.00	39.19	39.19	31.93	81.47%
B.	Education	0.00	15.88	15.88	16.88	106.30%
C.	Community Health	0.00	40.73	40.73	35.92	88.19%
D.	Sustainable Livelihood Development	0.37	82.98	83.35	100.66	120.77%
E.	Community Infrastructure Development	0.00	39.00	39.00	55.07	141.21%
	<b>Total Budget:</b>	<b>0.37</b>	<b>217.78</b>	<b>218.15</b>	<b>240.46</b>	<b>110.23%</b>

## Adani Foundation team, Kawai

S. No.	Name	Position
1.	Gopal Singh Deora	Head- CSR, Rajasthan
2.	Ramcharan Choudhary	Senior Project Officer
3.	Deepak Malviya	Project Officer
4.	Manish Nandwana	Project Officer
5.	Vivek Sharma	SPO- MHCU
6.	Vaseem Akram	Community mobilizer- KAMDHENU



Site office address:  
Adani Foundation C/o Adani Power Rajasthan Limited.  
Village- Kawai, National Highway- 90.  
Atru Road. Tehsil- Atru.  
District- Baran, Rajasthan (India).