



ELECTRICITY DEPARTMENT

A&N Administration



VIDYUT REKHA

NEWS LETTER [1st Edition],

NEWS LETTER

A Comprehensive Guide:

This newsletter provides a comprehensive overview of role of Electricity Department and focuses on the critical efforts being made to ensure uninterrupted power supply to the residents of Andaman and Nicobar Islands, highlighting the key functions, governance structure, and initiatives taken to explore & harness the abundant clean & green energy potential of our islands, coupled with innovative technologies and strengthening of T&D infrastructure that will build a resilient and self-reliant power infrastructure.

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From Secretary's Desk...

SMITHA. R, IAS
Secretary (Power)
A&N Administration

It is with great pride and a sense of purpose that I present this First edition of Newsletter of Electricity Department, Andaman and Nicobar Islands. These islands, a jewel in the Bay of Bengal, are blessed with unparalleled natural beauty and a unique ecological heritage. At the same time, they face distinct challenges due to their geographical isolation, scattered population, and limited resources.

Recognizing these challenges, our Administration has embarked on a transformative journey to ensure that the energy needs of the islands are met sustainably. This vision reflects our unwavering commitment to transitioning towards clean & green energy solutions that align with goals set by Government of India while ensuring energy security and economic growth for our people.

I firmly believe that by exploring & harnessing the abundant sources of clean & energy potential of our islands, coupled with innovative technologies like energy storage systems, green hydrogen, DC motor prime mover and energy conservation, we can build a resilient and self-reliant power generation infrastructure. Parallely efforts are vigorously taken for strengthening of T&D infrastructure as well. It not only highlights our achievements in clean & green energy deployment and smooth transition towards de-dieselization, but also charts a clear path toward a future where clean & green energy power will lighten every household, government & commercials establishments in the Andaman and Nicobar Islands.

SMITHA. R
Secretary (Power)
A&N Administration

EXECUTIVE SUMMARY

The Andaman & Nicobar Islands, one of the Union Territories (UTs) of India are an archipelago of over 572 Islands located in the Bay of Bengal, scattered over a distance of more than 750 Km. with northern tip being in the vicinity of Myanmar and the southernmost tip being close to Indonesia. The capital of the UT, Sri Vijaya Puram, is about 1,200 kms. from the mainland cities of Chennai and Kolkata. Out of the total 572 islands, 37 Islands are inhabited, of which 19 inhabited islands have been electrified and remaining inhabited outlying islands are electrified through community-based power plants, or by camped department like Police, Lighthouse & Lightships and Forest. Most of the population this UT is concentrated in South, Middle and North Andaman Islands.

The power requirements of A&N islands are predominantly met by diesel-based Generators. Due to the geographical and topographical peculiarities of these islands including separation by sea over great distances, there is no single power grid for the entire electrified islands, instead power house at various islands caters independently to the power requirements of area/Islands.

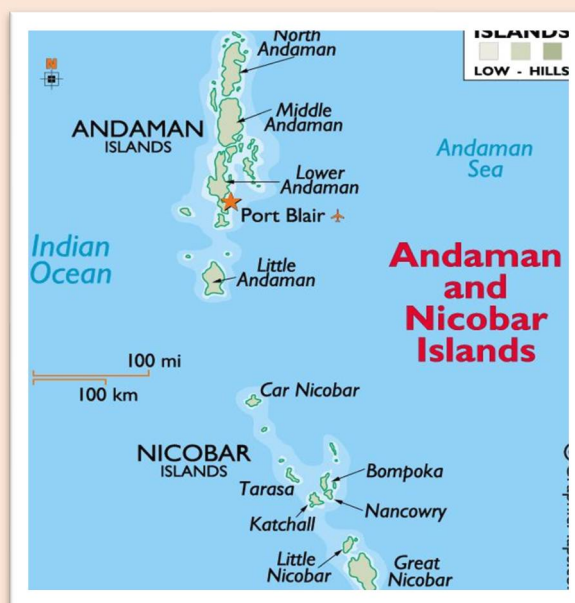
There is a total of 54 Powers Houses covering three districts viz. South Andaman – 14 Nos. North& Middle Andaman – 20 Nos., Nicobar- 20 Nos (including community-based power plants) having a total capacity of 100MW including Diesel (66 % share), Solar (30% share) & Hydel (4% share) power plants.

The 100MW generation system with T&D infrastructure includes a network of 1434 Ckt KM HT lines (33/11KV), 3837 Ckt Kms LT lines (415KV) and 1097 nos. of DTs feeding power to 1,54,731 consumers

The progress made in clean & green energy sector over the last

few years have been significant to cater rampant power demand due to socio-economic growth of these Islands.

The idea behind the swift transition to clean & renewable sources of energy is to phase out diesel generation to cut down the overall cost of power with other added advantages of building a clean environment.



PHOENIX BAY POWER HOUSE



CHATHAM POWER HOUSE

HISTORICAL JOURNEY – Glimpses of the past

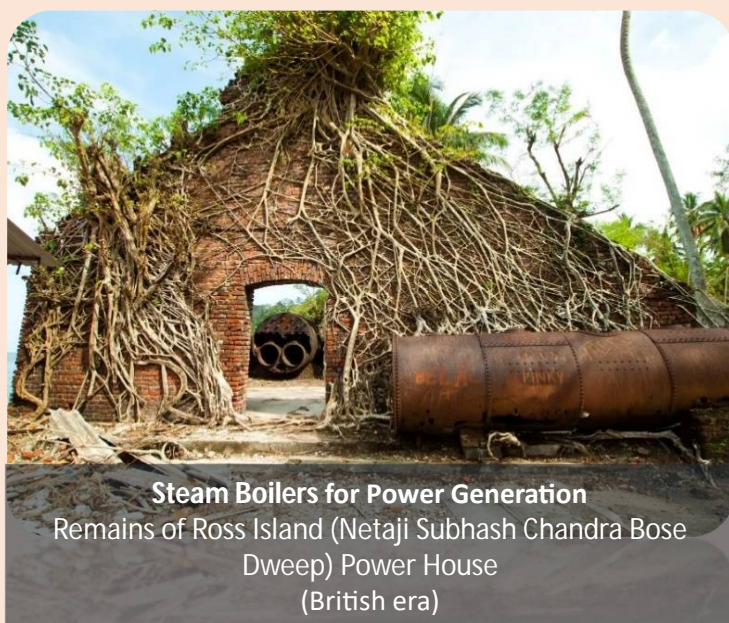
The Power Development in South Andaman started with small DG Power House, limited its supply to Aberdeen Bazaar. Only after re-occupation of the Island in 1947, 1x550 KW steam generating sets was installed at Chatham Power House. Subsequently, one more similar unit was added at Chatham Power House with associated distribution network and confining the power supply to Haddo, Phoenix Bay & Aberdeen Bazaar.

The Electricity Department was established with an Assistant Engineer under the supervision of the Harbour Master in 1949 and started functioning independently in the year 1957 with Resident Engineer. The Chatham Power House remained the only power station in the A&N Islands up till 1960. Subsequent augmentations of power programmes were taken-up at Chatham Power House by adding 1x330 KW Duetz DG Set on 11.08.1962, 1x440 KW Skoda DG Set on 08/1968 and 1x550 KW steam turbine on 31.12.1975.

Another Power House at Phoenix Bay was also established by installing 1x630 KW Russian DG set on 15.09.1970. Four units of 248 KW Kirloskar DG Sets were also added at Phoenix Bay Power House during 1974-75 and 1975-76.

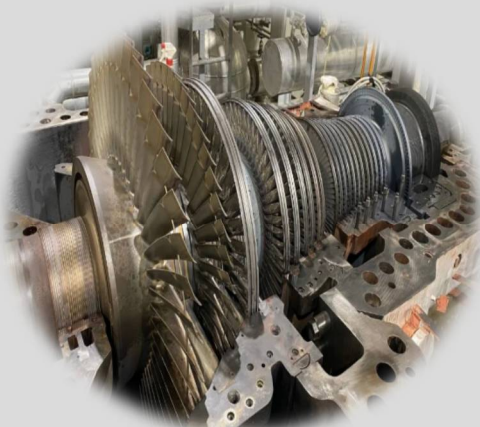
Further augmentation programmes were taken up to meet the immediate needs by adding 1x1060 KW Mirrless DG Set, 2 units of 880 KW each SKL DG sets and one unit of 856 KW GRSE set.

In a similar manner, depending upon the need of each island, power generating units and associated T&D infrastructures were set up and power supply arrangement was done to ensure electrification of these island.

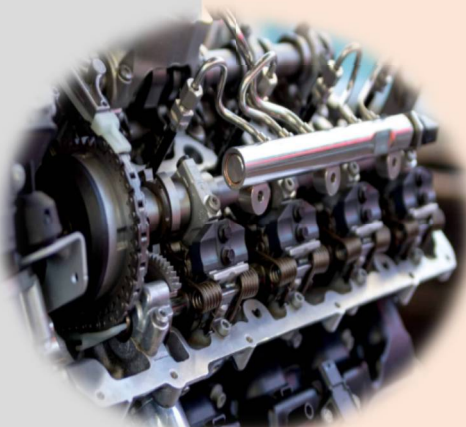


Steam Boilers for Power Generation
Remains of Ross Island (Netaji Subhash Chandra Bose Dweep) Power House
(British era)

The Transformation



STEAM
1947s



DIESEL
1960- 2020



RENEWABLES
BY 2030

CONSUMER CARE

To ensure timely and effective redressal of consumer no-light complaints, a Central Control Room (CCR), a dedicated call Centre is established by the Electricity Department to address complaints related to power outages and other electricity-related issues. The CCR is designed with a seamless mechanism that establishes a direct interface between consumers and site offices. CCR has been made technologically sophisticated for real-time monitoring and dissemination of information regarding power outages. An immediate update on the power failure is provided to consumers enabling a faster response and reducing inconvenience.

Apart from this, the complaints registered at CCR are monitored and reviewed at higher level ensuring higher standard of accountability. The comprehensive monitoring framework allows for performance assessment and helps in identifying recurring issues, which can then be addressed systematically.

The establishment of the CCR underscores the Electricity Department's commitment to leveraging technology and robust management practices to provide superior service to the residents of the islands. By fostering a responsive and accountable operational framework, the CCR has become a vital component in ensuring a resilient and consumer-centric power supply system.

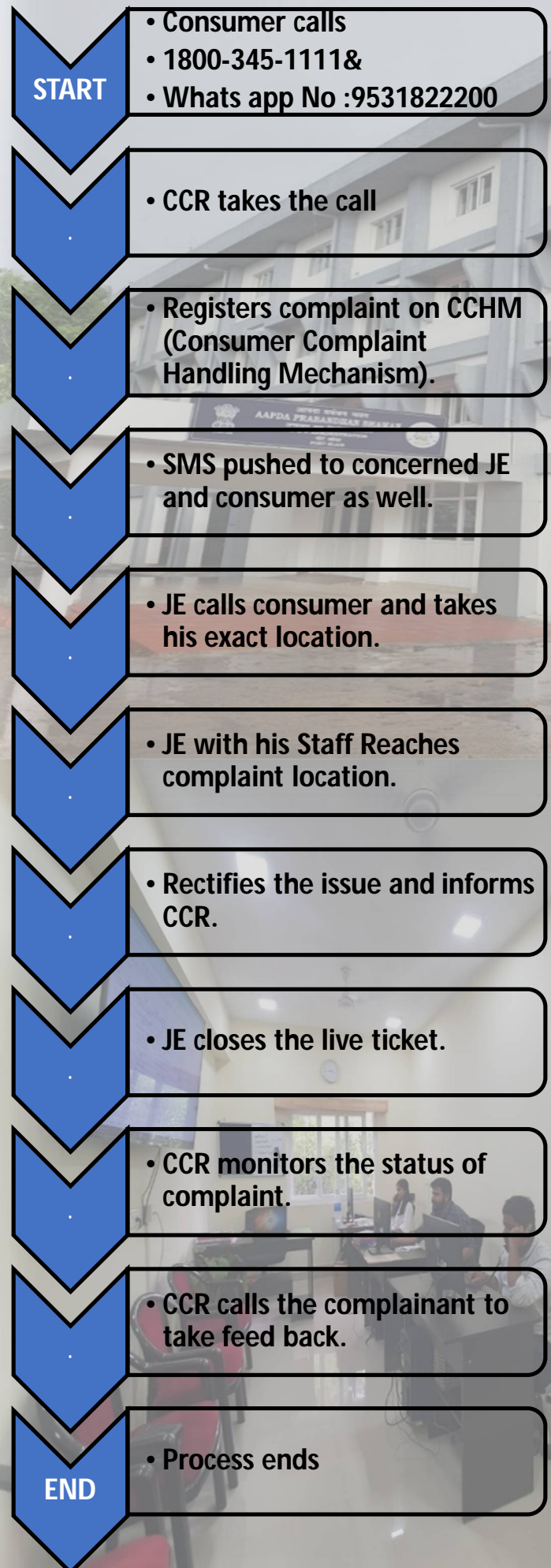


For your power failure complaints

Call us on our Toll free number
1800-345-1111
We are available 24x7

 Electricity Department, A&N Administration

HOW THIS WORKS...???



ENERGY CONSERVATION

ECBC refers to **Energy Conservation Building Code & Rules** framed under the provisions of Energy Conservation Act, 2001.

UT of A&N islands was the first UT to have notified ECBC code in August 2019 among all UTs. Municipal Corporation in erstwhile Port Blair incorporated the provision in the bye-laws in 2021. ECBC compliance has been enforced and is being implemented in letter & spirit for all the prospective buildings after the notification.



ECBC- INTENSIVE TRAINING (28.06.2022)



HANDS-ON TRAINING-ECBC

ECBC DEMONSTRATION BUILDINGS



DBRAIT



ANIIMS

USEFUL ENERGY SAVING TIPS . . .

“Energy conservation refers to the efforts made to reduce the consumption of energy. The energy on Earth is not in unlimited supply. Furthermore, energy can take plenty of time to regenerate. This certainly makes it essential to conserve energy. Most noteworthy, energy conservation is achievable either by using energy more efficiently or by reducing the amount of service usage.”



SWITCH OFF MACHINES WHEN NOT IN USE



RUN MACHINES ON FULL LOAD



AIR DRY CLOTHES



SWITCH OFF MACHINES WHEN NOT IN USE



USE SOLAR LIGHTING



USE SOLAR DEVICES



USE PROTECTION DEVICES



DO NOT PUT HOT/WARM FOOD STRAIGHT IN THE FRIDGE



USE LEDs INSTEAD OF CFL/FILAMENT LAMPS



UNPLUG ELECTRONIC DEVICES WHEN NOT IN USE



SET YOUR WATER HEATER AT 120F



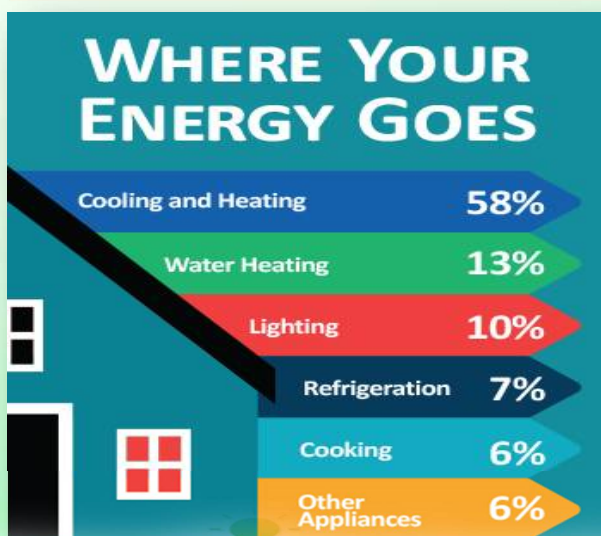
USE FAN IN OCCUPIED ROOM TO SUPPLEMENT AC



SEAL AND WEATHERPROOF YOUR ROOM



GENERATE YOUR OWN SOLAR POWER FROM ROOFTOP SOLAR



ENERGY CONSERVATION EVENTS

To encourage the conservation of Energy, the “Energy conservation week” is observed in the month of December every year. In which various competitions such as painting, speech, quiz is organized in schools and colleges. This week-long programme is celebrated in association with BEE. The Culminating event ends with the prize distribution to the winners of various competitions



ENERGY RUN FOR ALL ISLANDERS (Dec, 2021)



EC WEEK- DRAWING COMPETITION (14.11.2022)



WORLD ENVIRONMENT DAY- AWARENESS AT COMMUNITY LEVEL (1ST WEEK OF JUNE 2023)



POSTERS COMPETITION ON ENERGY CONSERVATION BY SCHOOL CHILDREN (16.14.2023)



WORLD ENVIRONMENT DAY- E-VEHICLE AWARENESS RALLY (1ST WEEK OF JUNE 2023)



PRESENTATION BY STUDENTS (DEC, 2023)



PRESENTATION BY COLLEGE STUDENTS (DEC, 2023)

TOWARDS RENEWABLES – ROOFTOP & GROUND MOUNTED

Total Installed capacity: 30 MWp

Average Annual Solar Generation: 27 MUs

Energy Requirement in FY 2023-24 – 377 MUs

NTPC: 5 MW

MUNDRA: 3.15 MW

SECI: 1 MW

NLC: 20 MW

IN PIPELINE:

PHASE-I: 29.42 MW

PHASE II: 152.3 MW

ROOFTOP SOLAR

GOTV. BUILDINGS: 3.45 MW

RESIDENTIAL BUILDINGS: 30 MW

GROUND MOUNTED SOLAR PLANTS



KALPONG HYDEL POWER PLANT- 5.25 MW



ROOFTOP SOLAR



SCHOOL LINE SCHOOL



AIRPORT- ROOFTOP



COURT - ROOFTOP

UJALA SCHEME - Unnat Jyoti by Affordable LED for All

Hon'ble Prime Minister, on 5th January 2015 launched Unnat Jyoti by Affordable LED for All (UJALA) program. Under UJALA scheme, LED bulbs, LED Tube lights and Energy efficient fans are being provide to domestic consumers for replacement of conventional and inefficient variant. The scheme was powered and supported by EESL.



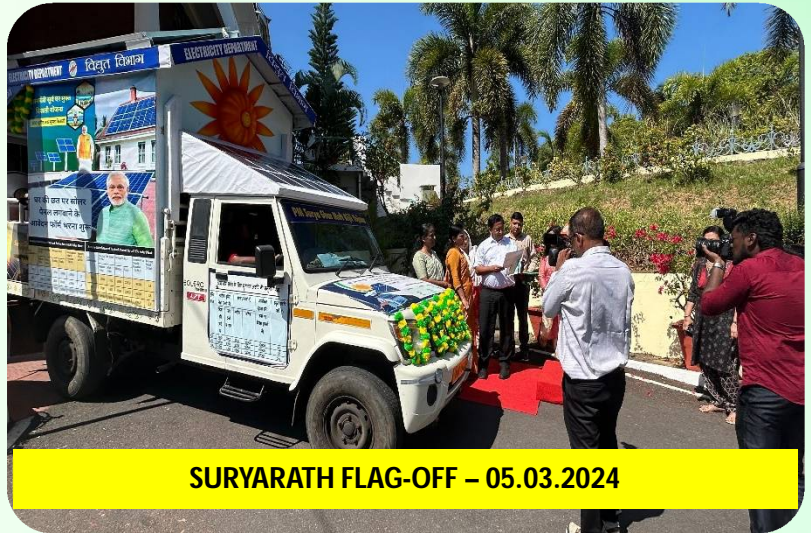
ENERGY SAVING STATISTICS



No. of Households	100000	
Number of LED offered per household	4 Nos	
No. of LED Bulbs Offered under UJALA	400000	
Wattage of Bulb	ICL	CFL
	60	25
Hours of usage	3.5	3.5
Usage days per year	300	300
Energy saved per LED per Day	0.1785	0.56
Energy saved per LED per Day	53.55 Kwhr	16.8 Kwhr
TOTAL	70.35 KWhr	

PM SURYAGHAR MUFT BIJLI YOJNA - PMSMBY

"PM Surya Ghar Muft Bijli Yojana" is an initiative by Government of India aimed at providing free electricity to households through solar energy. The scheme was announced on 13th February, 2024 primarily focuses on the installation of solar panels on rooftops, enabling households to generate their own power and to reduce reliance on conventional electricity, lowering energy costs and minimizing environmental impact.



SURYARATH FLAG-OFF – 05.03.2024



SURYARATH FLAG-OFF – 05.03.2024

ELECTRICITY DEPARTMENT
Andaman & Nicobar Administration

PM Surya Ghar Muft Bijli Yojna

In Andaman & Nicobar Islands

"Zero Bill upto 300 Units...!!!"

Why Choose Solar Power?

- Energy Security through reliable and sustainable source of power.
- Minimal investment, maximum returns.
- Reduced Electricity Bills through Net metering Instant Subsidy release after commissioning.

How to Avail Scheme Apply Online

Step 1 - View & Compare costs / features of Solar Plant
Step 2 - Select vendors
Step 3 - Get easy Approval

Financial Assistance from Government Subsidy Available

Plant Capacity	Total Subsidy (Max)	Cost Borne by Consumer (Min)
1 KW	78000/-	20,000/-
2 KW	1,56,000/-	40,000/-
3 KW	2,02,800/-	67,000/-

recover your investment in almost 2 years

Unit Consumption	Monthly Unit Billed (in Rs.)		Savings (in Rs.)		Investment on Solar by Consumer (in Rs.)	Recovery Period (in Yrs)
	Without Solar	With Solar	Monthly	Yearly		
700	6150	2900	3250	39000	67000	1.7
600	5000	1950	3050	36600	67000	1.8
500	3850	1000	2850	34200	67000	2.0

Unit Consumption	Monthly Unit Billed (in Rs.)		Savings (in Rs.)		Investment on Solar by Consumer (in Rs.)	Recovery Period (in Yrs)
	Without Solar	With Solar	Monthly	Yearly		
500	3850	1950	1900	22800	40000	1.8
400	2900	1000	1900	22800	40000	1.8
300	1950	325	1625	19500	40000	2.1

VISIT WEBSITE
www.pmsuryaghar.gov.in

03192 230276

"Let the sun's energy light up your life."

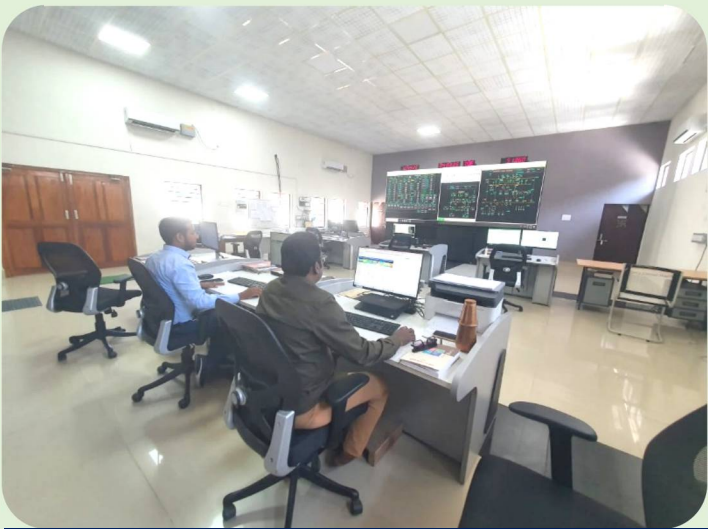
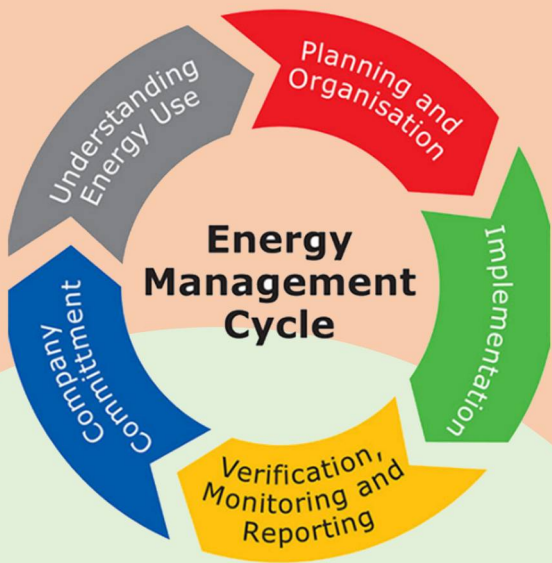
NRSE Division, Electricity Department
Sri Vijaya Puram, South Andaman



ENERGY MANAGEMENT CENTRE (EMC)

Energy Management Centre (EMC) in the context of A&N Islands is in operation at Phoenix Bay Power House Conference. It has been established through PGCIL, implementing the project for automation of grid operations.

All the power plants and sub stations which are integrated with the grid are connected to EMC through remote terminal units. The information on critical parameters is fetched and displayed on the screen facilitating real time monitoring and supervision. General Engineering is providing technical assistance for operation and maintenance. After the expiry of contract, EMC operations shall be taken over completely by the Department.



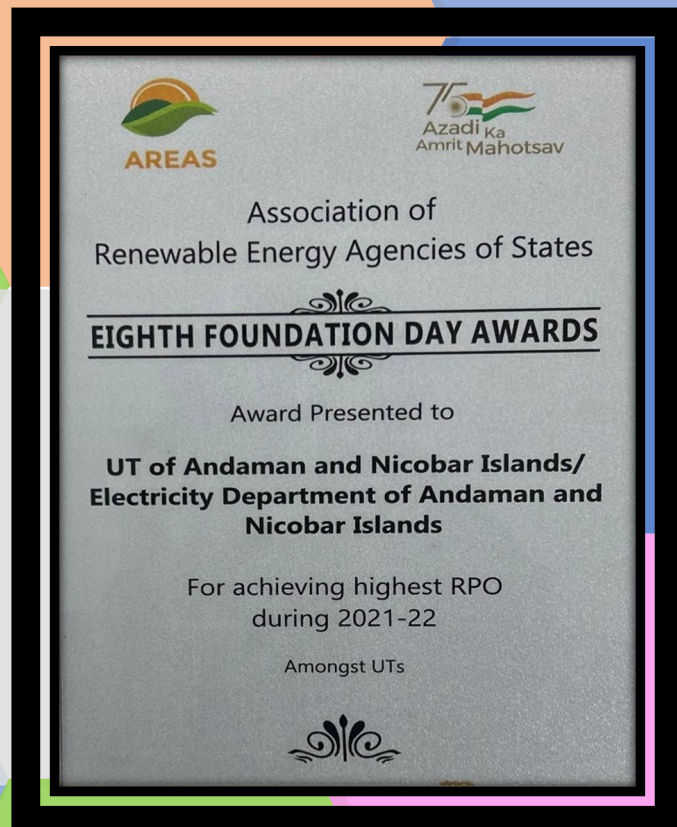
ENERGY MANAGEMENT CENTRE

POWER ANALYSIS REPORTS

SRI VIJAYA PURAM INTERRUPTION ANALYSIS FROM 31-01-2025 TO 06-02-2025 AND FROM 07-02-2025 TO 13-02-2025																				
PHOENIX BAY POWER HOUSE																				
Sl.No.	FEEDERS	Min	Duration (hrs:min)	Cons.	Availability Index	CSF	LT	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	
1	RADIAL - I FEEDER	11	0:36	189	99.64%	4	1	5	0	1	6	0:17	189	99.63%	3	1	2	0	0	-6 -0.19
2	SUPPLY LINE FEEDER	15	1:40	1266	99.01%	4	1	4	0	6	10	1:05	1266	99.36%	3	1	2	1	3	-6 -0.36
3	DUGANAD FEEDER	15	3:47	1057	97.75%	4	2	3	1	5	6	0:37	1058	99.63%	3	1	2	0	0	-9 -3.10
4	MEDICAL FEEDER	9	2:38	1182	98.42%	4	1	3	0	1	4	1:48	1182	98.93%	2	0	2	0	0	-8 -0.90
PHOENIX BAY SUB STATION																				
Sl.No.	FEEDERS	Min	Duration (hrs:min)	Cons.	Availability Index	CSF	LT	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	
1	JUNGLEHAT FEEDER	18	6:42	3269	96.01%	4	7	3	1	3	5	1:27	3269	99.14%	2	1	2	0	0	-13 -5.16
2	BAZAAR FEEDER	17	6:23	2907	96.20%	4	6	4	1	2	7	1:43	2907	98.98%	2	2	2	0	1	-10 -4.40
3	DAIRY FARM FEEDER	15	7:57	1867	95.27%	4	2	2	1	6	5	2:14	1864	96.67%	2	1	2	0	0	-10 -5.43
4	NAVAGAN FEEDER	14	11:48	4082	92.96%	4	4	2	1	3	11	3:00	4083	98.21%	2	7	2	0	0	-3 -8.48
5	LAMBALINE FEEDER	17	6:00	2505	96.42%	4	6	3	0	4	8	2:07	2506	98.74%	2	1	2	1	2	-9 -3.93
6	DELANPUR FEEDER	13	9:41	4386	94.24%	4	1	4	0	4	8	1:52	4263	98.89%	2	4	2	0	0	-5 -7.49
7	AIRPORT FEEDER	12	6:08	2244	96.35%	4	0	3	2	3	7	2:12	2247	98.69%	2	0	4	0	1	-6 -3.84
CHATHAM POWER HOUSE																				
Sl.No.	FEEDERS	Min	Duration (hrs:min)	Cons.	Availability Index	CSF	LT	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	
1	RADIAL - I FEEDER	12	3:38	1847	97.94%	4	1	3	2	2	7	3:33	1850	98.42%	2	1	2	0	0	-5 -0.85
2	COAST GUARD FEEDER	14	8:27	2437	94.97%	4	4	3	1	2	10	1:46	2440	96.95%	3	4	2	0	1	-4 -6.11
3	HADDU FEEDER	16	4:16	1514	97.46%	4	6	3	1	2	6	2:11	1518	98.70%	2	0	2	1	1	-10 -3.95
4	DEFENCE (MIS) FEEDER	8	3:17	3	98.05%	4	0	3	0	1	4	1:37	3	99.04%	2	0	2	0	0	-4 -1.40
BARMOOLAT SUB STATION																				
Sl.No.	FEEDERS	Min	Duration (hrs:min)	Cons.	Availability Index	CSF	LT	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	
1	SHOAL BAY FERRAROLU FEEDER	19	13:08	5816	92.76%	3	13	2	0	1	18	3:40	6827	97.82%	2	13	2	1	0	-1 -8.28
2	PANEL - V FEEDER	29	17:19	5859	89.69%	3	24	2	0	0	12	4:10	5257	96.30%	2	7	2	1	0	-17 -11.09
3	HOPE TOWN FEEDER										5	1:22	786	99.19%	2	2	1	0	0	8 1.32
GARACHARAMA SUB STATION																				
Sl.No.	FEEDERS	Min	Duration (hrs:min)	Cons.	Availability Index	CSF	LT	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	LT Fault & Break	
1	PROTHAPUR FEEDER	21	8:58	5043	94.66%	4	9	3	2	3	9	4:26	5044	97.38%	2	4	2	1	0	-12 -4.32
2	MINNIE BAY FEEDER	12	6:29	2974	96.14%	4	0	3	1	4	8	8:05	2979	95.19%	2	3	1	1	1	-4 -1.96
3	DOLYUNU FEEDER	14	5:19	4560	96.84%	4	3	3	1	2	6	2:05	4564	98.76%	2	1	2	1	0	-8 -3.14
4	GARACHARAMA FEEDER	16	7:10	4397	95.72%	4	5	3	2	2	10	3:43	4425	97.79%	2	2	2	1	3	-6 -3.27
5	DEFENCE BROOKSHABAD FEEDER	9	6:58	3	95.85%	4	0	3	0	1	5	3:19	3	98.03%	2	1	2	0	0	-4 -1.39
6	CHIDATAPU FEEDER	17	6:00	5681	96.43%	4	6	3	1	3	12	4:39	5690	97.23%	2	5	3	1	2	-6 -1.21
7	BROOKSHABAD FEEDER	27	9:55	5741	94.10%	4	18	3	1	1	19	8:54	5742	94.70%	1	14	2	0	2	-8 -1.01
8	CALICUT FEEDER	17	7:31	2661	95.53%	3	6	3	1	3	15	9:52	2664	94.13%	2	9	2	1	1	-3 -2.21
9	OUTER FEEDER	29	9:10	4938	94.54%	4	19	3	1	1	25	6:07	4948	96.36%	2	21	1	1	0	-4 -3.93
10	TIGER FEEDER	25	8:08	7965	95.16%	4	16	3	0	2	28	11:31	7970	93.14%	1	25	2	0	0	3 3.23
ABBREVIATION																				
LINE FAULT & MAINTENANCE																				
Earth Fault (Directional)																				
Earth Fault (Non Directional)																				
Over Current Fault (Directional)																				
Over Current Fault (Non Directional)																				
Infeed Fault																				
Reverse Phase																				
Cyclic Weather																				
Transformer Fault																				
No Public Request																				
Complete Shutdown due to Line Fault																				
CSD - LF																				
Other																				
Complete Shutdown due to Solar Drop																				
Solar Drop																				
Under Frequency																				
UF																				
Other Shutdown (PSC)																				
Forward Shut Down																				
Complete Shutdown due to Station Fault																				
CSD - SF																				
Fire Control Room																				
Fire																				
DD Failure																				
DDF																				
HPPD																				
HPP Outage																				
Solar Drop & HPP Outage																				
SD & HPPD																				
Complete Shutdown due to Line Fault																				
CSD - LF																				
COMPILED DONE BY																				
M. A. Sharma Assistant Engineer (EMC)																				
N. S. Sankar Junior Engineer (EMC)																				

T&D OUTAGES ANALYSIS OF ALL SITE OFFICES OF A&N ISLANDS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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ACHIEVEMENTS / AWARDS



CAPACITY BUILDING PROGRAMMES



CAPACITY BUILDING TRAINING BY NPTI ON ROOFTOP



CAPACITY BUILDING TRAINING OF ENGINEERS AT BENGALURU



TRAINING ON ECBC (RESIDENTIAL) – PBMC HALL (20.04.2022)



**TRAINING BY USAID ON SMART METERING
31.08.2024**



**TRAINING FOR FARMERS ON AGDSM
(22.08.2024)**

OUR FUTURE ROADMAP

HVDC TERMINAL LINK

Interconnection with mainland through ± 320 KV, 250 MW HVDC undersea cable interlink terminal at Sri Vijaya Puram. CTUIL has been entrusted for study of cost benefit analysis of project for obtaining approval of National Committee Transmission (NCT). Estimated timeline is 2029-30.



50 MW LNG PROJECT

MoP has reconsidered setting up of 50 MW LNG based Power Plant at Sri Vijay Puram for which NVVN (Subsidiary of NTPC) has been engaged. MoPNG has roped in IOCL for Gas Linkage. Power evacuation from project site to Bambooflat Substation will be done by Electricity Department. Estimated timeline is December'2027.

NUCLEAR POWER PLANT

Nuclear based Power Plant in A&N Islands for Energy Security has been proposed in IDA meeting. MHA has been requested for development of Barge mounted Floating Nuclear Power Plant as proposed by DRDO in A&N Islands.



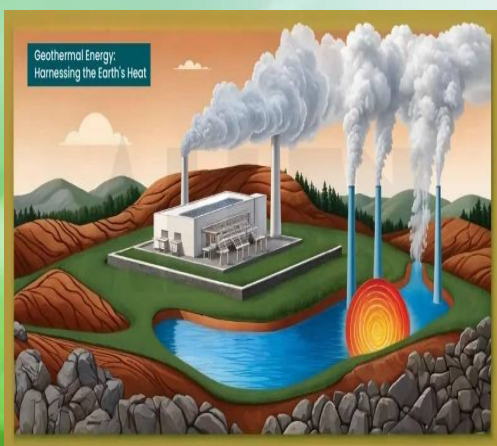
WIND POWER PLANT

Wind Resource Assessment (WRA) study being conducted since 1992 and data collected at different elevation (20M, 30 M and 50 M) at identified sites /Islands. 100M mast commissioned in 2024 for WRA studies at Long Island, Shaheed Dweep & Manglutan. WRA study proposed at Swaraj Dweep & Tugapur is under approval of NIWE. Wind Turbine Generator (WTG) installation is proposed by NIWE at Sawai, Car Nicobar (0.75 MW), Bangali, Teressa (0.25 MW) & Vikasnagar, Kamorta (0.25 MW).



GEO THERMAL ENERGY

Harnessing geothermal energy potential in A&N Islands for providing clean, sustainable, and reliable power solution is a viable alternative to diesel-based generation and shall pave the way for surplus geothermal energy export to the grid. To further explore the potential of geothermal energy and seek expert guidance, MNRE has been requested to depute an agency for exploring the possibilities of Geothermal Energy at Andaman & Nicobar Islands.



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सं. 158, पोर्ट ब्लेयर, गुरुवार, 22 अगस्त, 2019
No. 158, Port Blair, Thursday, August 22, 2019

अण्डमान तथा निकोबार प्रशासन
ANDAMAN AND NICOBAR ADMINISTRATION
सचिवालय / SECRETARIAT
NOTIFICATION

Port Blair, dated the 22nd August, 2019.

No. 155/2019/F, No. EL/NRSE/Tech/7-5(ECBC)/2017-18/PF.— In exercise of power conferred under Section 57 of the Energy Conservation Act, 2001 read with Notification No. S.O. 593(E)/F. No. U-11030/1/2005/UTL dated 24.4.2006 issued by Govt. of India, Ministry of Home Affairs, the Lieutenant Governor (Administrator), Andaman and Nicobar Islands hereby makes the following Code, namely :-

A. SHORT TITLE AND COMMENCEMENT -

- This Code shall be called the Andaman and Nicobar Islands Energy Conservation Building Code, 2019.
- This Code shall come into force from the date of its publication in the Official Gazette.

1. PURPOSE

In accordance with section 14(p) of the Energy Conservation Act, 2001 the purpose of the Energy Conservation Building Code (ECBC) is to provide minimum requirements for the energy-efficient design and construction of buildings. The Code also provides two additional sets of incremental requirements for buildings to achieve enhanced levels of energy efficiency that go beyond the minimum requirements.

2. SCOPE

The Code is applicable to buildings or building complexes that have a connected load of 50 kW or greater or a contract demand of 60kVA or greater and are intended to be used for commercial purposes. Buildings intended for private residential purposes only are not covered by the Code. This Code would become mandatory as and when it is notified by the Central or State Government in the Official Gazette under clause (p) of Section 14 or clause (a) of Section 15 of the Energy Conservation Act, 2001 (52 of 2001).

2.1 Energy Efficiency Performance Levels

The Code prescribes the following three levels of energy efficiency :

- Energy Conservation Building Code Compliant Building (ECBC Building)** ECBC Buildings shall demonstrate compliance by adopting the mandatory and prescriptive requirements listed under ECBC Compliant Building requirements in §4 to §7, or by following the provisions of the Whole Building Performance (WBP) Method in §9 (Appendix B).
- Energy Conservation Building Code Plus Building (ECBC + Building)** ECBC+ Buildings shall demonstrate compliance by adopting the mandatory and prescriptive requirements listed under ECBC+ Compliant Building requirements in §4 to §7, or by following the provisions of the Whole Building Performance (WBP) Method in §9 (Appendix B).

ENERGY CONSERVATION BUILDING CODE

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सं. 282, पोर्ट ब्लेयर, सोमवार, 04 नवम्बर, 2019
No. 282, Port Blair, Monday, November 04, 2019

अण्डमान तथा निकोबार प्रशासन
ANDAMAN AND NICOBAR ADMINISTRATION
सचिवालय
अधिसूचना

पोर्ट ब्लेयर, दिनांक 04 नवम्बर 2019
Port Blair, dated the 4th November 2019

No. EL/NRSE/TECH/7-5(1)/FLFC/2019. WHEREAS it has been found that inefficient filament lamps are still in circulation in the market, even after implementation of various energy efficiency projects in which LED lights were provided at very nominal rates to overcome the barrier of high cost of LED.

AND WHEREAS, the draft notification for the proposed direction was published on 16/08/2019 for inviting objections/ suggestions from the stakeholders and persons to be effected thereby. A meeting was also held with the stakeholders on 24/08/2019. The opinion received on the issue have been duly considered.

AND WHEREAS, with the view to protect and improve the quality of environment and efficiently supply power for the socio- economic growth the Administrator of UT can enforce ban on sale/ purchase of filament lamps which will help in protection and improvement of the environment of these islands due to reduction in the GHG gases emitted from the power plants due to saving of power by promoting the usage of LED lamps.

NOW THEREFORE, in pursuance to the advice of Bureau of Energy Efficiency (BEE), State can take steps to encourage preferential treatment for use of energy efficient equipment or appliances as per Section 15 (g) of EC Act, 2001. Also as per Section 18, the Central Government or the State Government may, in the exercise of its powers and performance of its functions under this Act and for efficient use of energy and its conservation, issue such directions in writing as it deems fit for the purposes of this act to any person, officer, authority or any designated consumer and such person, officer or authority or any designated consumer shall be bound to comply with such directions. Therefore, State is free to exercise its power as per aforementioned sections of EC Act, 2001.

AND THEREFORE, in exercise the powers conferred under Section 15 (g) and Section 18 of the Energy Conservation Act, 2001 (52 of 2001) under chapter VI "Power of State Government to

FILAMENT LAMP BAN NOTIFICATION

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सं. 118, श्री विजयपुरम, बुधवार, 23 अक्टूबर, 2024
No. 118, Sri Vijaya Puram, Wednesday, October 23, 2024

अण्डमान तथा निकोबार प्रशासन
ANDAMAN AND NICOBAR ADMINISTRATION
सचिवालय / SECRETARIAT

NOTIFICATION

Sri Vijaya Puram dated the 23rd October, 2024.

No.112/2024/ File No.M-17/4/2024-O/o SPV-ELE-ELE-AN-Part (1).— Under the Scheme PM Surya Ghar Muft Bijli Yojana launched by Ministry of New & Renewable Energy (MNRE), UT Administration of A & N Islands is pleased to provide Financial Assistance (FA) as an additional subsidy to promote & ensure effective implementation of the Programme in Residential Sector. The MNRE share & UT share shall be as follows :

Sl. No.	Residential RTS capacity	MNRE Share Central Finance Assistance (CFA) per KWp	Consumer Share per KWp	UT Share UT Financial Assistance (UTFA) per KWp
1.	First 2 KWp of RTS capacity or part thereof	Rs. 33,000/-	Rs. 20,000/-	Will vary according to vendor cost, subject to maximum UTFA of Rs. 45,000 per KWp. Any additional share beyond Rs. 45,000 per KWp will also have to be borne by the Consumer.
Note : For Rooftop Solar Plant upto 2 KWp capacity, a subsidy for a maximum amount of Rs. 45000/- per KWp shall be available after factoring in admissible central subsidy and minimum consumer share of Rs. 20,000/- per KWp (subsidy amount for part capacity thereof shall be based on admissible UT share). Any extra / remaining cost will be borne by the consumer depending upon the total cost of the RTS plant as per the rate provided in National portal accepted by consumer in agreement with the selected vendor.				
2.	With additional RTS capacity of 1 KWp or part thereof (upto initial 2 KWp capacity, subsidy conditions will be as ascribed above)	Rs. 19,800/-	Rs. 27,000/-	Will vary according to vendor cost, subject to maximum UTFA of Rs. 27,000 per KWp. Any additional share beyond Rs. 27,000 per KWp will also have to be borne by the Consumer.

PM SURYAGHAR MUFT BIJLI YOJNA

अण्डमान तथा निकोबार प्रशासन
ANDAMAN AND NICOBAR ADMINISTRATION
सचिवालय / SECRETARIAT

Port Blair dated the 12th September, 2024

NOTIFICATION

No. 98/2024 / E- F.No. M-17/4/2024-O/o SPV-ELE-ELE-AN , in pursuance of sub-rule (7A) of Rule 5 of the Amendment of the Electricity (Rights of Consumer) Rules, 2024 issued by Ministry of Power, read with Notification No. S.O. 721(E) dated 22/06/2004 issued by Ministry of Home Affairs, Govt. of India, the Lieutenant Governor (Administrator), A&N Islands is hereby pleased to waive of the requirement of Technical Feasibility for acceptance of applications complete in all respect for roof top solar installation up to 10 KW capacity in the A&N Islands and any commensurate enhancement of sanctioned load of the consumer shall be carried out by the Electricity Department with immediate effect."

By order of the Lieutenant Governor (Administrator)
Andaman and Nicobar Islands

Assistant Secretary (Power)
A&N Administration
Port Blair.

Copy to:-

- The Manager, Govt. Press, Port Blair with the request to publish the Notification in the A&N Gazette forthwith. It is also requested that 25 copies of the same may be forwarded to the Executive Engineer (NRSE), Elect. Department, Port Blair. The bill may be raised in favour of EE (NRSE), Electricity Department.

TFR WAIVER NOTIFICATION



*Conserve Energy to
Preserve future*

ELECTRICITY DEPARTMENT

ANDAMAN & NICOBAR ADMINISTRATION

SRIVIJAYAPURAM - 744101, TEL No. 232404

Please send your suggestions and feedback - vidyutpb@gmail.com / seed@and.nic.in



Electric power is everywhere present in unlimited quantities and can drive the world's machinery without the need of coal, oil, gas, or any other of the common fuels.

— Nikola Tesla —