



# **ANNUAL**

## **ADMINISTRATIVE REPORT**

### **2023 -2024**

DEPARTMENT OF NEW & RENEWABLE ENERGY  
NAGALAND : KOHIMA





## Introduction

Solar Energy has become the need of the hour due to diminishing of fossil fuels as well as environmental problems. Today with increase in the demand for Energy and also to reduce carbon emissions, Renewable Energy sector is expected to see an expansion in capacity. In Nagaland, the Department of New & Renewable Energy was created since July, 2009 to generate Energy from the Renewable Energy resources available and also to cater the Energy needs of the State.

Till date the Department has been working on various Schemes/ Programmes of the Ministry of New & Renewable Energy (MNRE), Government of India and the State Government. Solar Power Plant, Small Hydro Project, Solar Street Light, Biogas and Off-grid Standalone Solar Water Pump under PM-KUSUM are some of the Programmes/ Schemes undertaken by the Department.

## ADMINISTRATIVE SET UP

### A. Secretariat Level:

SL. NO.	DESIGNATION	NUMBER OF POST
1	Commissioner & Secretary	1
2	Joint Secretary	1
3	Deputy Secretary	1
4	Section Officer	1
5	Junior Section Officer	1
6	Secretariat Assistant	1
7	U.D.A	1
8	L.D.A	1
9	Steno	1
10	MTS	4
<b>Total</b>		<b>13</b>

**B. Directorate Level:**

SL. NO.	DESIGNATION	NUMBER OF POST
1	Director	1
2	Additional Director	1
3	Joint Director	1
4	Deputy Director	4
5	Project Officer	6
6	Superintendent	1
7	Assistant Superintendent	1
8	Junior Engineer	10
9	U.D.A	3
10	Stenographer	4
11	Surveyor	2
12	L.D.A	10
13	Technician	4
14	Mason	4
15	Driver	5
16	MTS	6
<b>Total</b>		<b>63</b>



## ACTIVITIES OF THE DEPARTMENT

### 1. SMALL HYDRO PROJECT:

Noroi Stage-I (2 x 75kW):



Plate 1: TG Set with control panels inside the Power House.

The Hydro project i.e Noroi Stage-I (2 x75kW) at Punglwa Village under Peren district is completed and is still under trail run. The Energy generated from this project will be injected into the State grid.



Plate 2: Switch Yard

## **2. CONVERSION OF OFF-GRID SOLAR POWER PLANT AT GOVERNMENT OFFICES TO GRID CONNECTION UNDER STATE PROGRAMME:**

Under Phase- I of this programme, 30 (thirty) nos. of Government Offices in the State having off-grid Solar Power Plant will be converted to grid connection. The programme is targeted to be completed within 18 (eighteen) months and it is under progress.



### 3. SOLAR POWER PLANT:



Plate 3: 5MW Solar Power Plant at Hovukhu Village (1<sup>st</sup> Phase)



Plate 4: 5MW Solar Power Plant at Hovukhu Village (1<sup>st</sup> Phase)





Playe 5: Over head water tank for cleaning solar panels of 5MW Solar Power Plant at Hovukhu Village

Solar Power Plant of capacity 5MW at Hovukhu Village under Niuland District is completed and under trail run. The Energy generated from the 5MW Solar Power Plant will be injected into the grid which will be utilized to meet the Energy demand of the state.



Plate 6: Site leveling under progress for phase –II 5MW Solar Power Plant at Hovukhu Village

Under Special Assistance, another additional 5MW Solar Power Plant is approved at the same location. The project is at initial stage where site leveling is under progress.

#### **4. OFF-GRID STANDALONE SOLAR WATER PUMP UNDER PM-KUSUM SCHEME (Component-B):**

During 2023-24 under this programme, 200 nos. of Off-grid Standalone Solar Agriculture Pumps of capacity up to 7.5HP are sanctioned by the Ministry at subsidized rates. The programme is mainly for the farmers for agricultural purposes. The programme is under progress.



## 5. BIOGAS PROGRAMME:

This programme aims to produce cooking gas, lightning purposes, protects the environment from pollution and also reduce the drudgery of the children and women folks.

Under this programme during 2023-24, 250 nos. of Biogas plants and 50 nos. of sanitary toilet linked was sanctioned for the State. The programme is still under progress.

## 6. WORKSHOPS & TRAININGS:

The Department nominates officers and staffs for various trainings and workshops on Renewable Energy outside the State for capacity building purposes.



Plate 7: Residential training on Compressed Biogas (CBG) Potential, Technology, Policy, Operations and Economics at Anil Agarwal Environment Training Institute (AAETI), Nimli, Rajasthan from November 29 - December 1, 2023



Plate 8: Er. Imliakum, Project Officer with the trainees from Bridge Point Skills and Network Pvt. Ltd. Kohima

The Department also imparts training to the students on Renewable Energy from time to time. Under the topic "Installation, Operation and Maintenance of 20kWp Hybrid Solar Power Plant", one day training was conducted by the Department for the trainees from the Bridge Point Skills and Network Pvt. Ltd Kohima.



**Renewable energy, clean energy for a better tomorrow.**







Printed at

