

Shakti Samachar

ଶକ୍ତି ସମାଚାର

A quarterly newsletter of OPTCL for internal circulation only

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CONTENTS

MD's Message - 01

Achievements - 02

Article - 08

News in Photos - 11

MD'S MESSAGE



I am delighted to introduce the quarterly edition of "Shakti Samachar" by OPTCL which highlights some of the achievements over the last quarter of the Energy Sector of Odisha and our employees.

OPTCL aims to render the responsibility of Quality Power at affordable price to the State level consumers against all odds. The turnover of OPTCL for FY 2020-21 is Rs.904Cr and recognized profit of Rs. 52Cr. In the current financial year OPTCL has commissioned new Grids like Gunupur, Telkoi, Thuapalli, Deogarh, Lephripada, Rajnagar and Rungta Mines with associated lines and new Transmission Line projects like 132 kV Nabarangpur LILO, 132 kV Padmapur-Nuapada DC, 132 kV Kuchei-Bangriposi Circuit-II. 132 kV Padmapur-Nuapada DC Line is now able to strengthen the power reliability to Kesinga, Junagarh, Khariar, Nuapada command areas to a greater extent.

Closure of Soubhagya Scheme is a moment to cherish with high competence of team work in coordination with DISCOMs in State Power sector. OPTCL is also undertaking State & Central sponsored schemes like ODSSP, SCRIPS, DDUGJY, IPDS, IPDS-IT, Bharat Net Phase-II, Soubhagya. The important aspect about these projects are that these are dedicated for public service. We need to further strengthen and expedite the projects by overcoming hurdles with collective efforts.

Apart from rendering the core business of giving supply, we are with constant drive make value addition through implementation of new technologies, system improvement and network expansion in different domains like Electrical Operation and Maintenance, Construction, Telecom, HR and IT.

By placing importance on the value of advanced technology, a State of art OPTCL Data Centre Building has been built adhering to tier-III Datacenter architecture which is capable of catering its service in Data Management, Storage and Service with high end servers, software and communication devices. The Primary Data Centre not only caters to OPTCL, GRIDCO and SLDC but also to different Energy Distribution Utilities in Odisha.

The overwhelming performance of the Telecom wing which has laid approx. 6000 circuit km of OPGW, through which it is implementing its SCADA and IT enabled application like ERP and video conferencing is worth appreciating.

We have rolled out e-Office for easing out our day to day official transaction and reducing manual file handling.

In an age of increasing fear owing to the COVID Pandemic, we need to showcase a goal oriented attitude, accountability, ownership and meaningful action. It is a privilege to be a part of OPTCL, an organization which is truly changing lives !

SANJAY KUMAR MISHRA
Managing Director, OPTCL

Significant Project completion by OPTCL during Covid-19 Pandemic

During the deadly second wave of the pandemic, OPTCL added 200 MVA transformation capacity & 156ckt km of EHT lines in Q1. Despite undeterred by the second wave of Covid-19, has commissioned many power projects in the first quarter of FY 2021-22. OPTCL started this year with the commissioning of 132 KV 45.6 cktkm of 132 KV Line in Line out (LILO) of Katapalli-Bargarh line at Thuapalli in Bargarh district in April amidst the Covid pandemic. This line shall feed power to the upcoming Thuapalli grid sub-station. The 220 KV LILO of Joda-TTPS line having a line length of 29.5 ckt km at Telkoi was charged in May to feed power to the upcoming Telkoi grid sub-station(to be charged shortly) in Keonjhar district. To relieve from overloading of the existing 20 MVA power transformer at Betonoti grid sub-station in Mayurbhanj district another 40 MVA power transformer was added in May. This will improve the power supply to Betonoti, Salabani, Morada & Badasahi areas having around 60 nos of GPs with 60000 consumers. One no 160 MVA 220/132 KV power transformer was also charged in Pratapsasan grid sub-station during the month of June. The much awaited RTSS projects at Malatipatpur in Puri & Bhalumaska in Rayagada districts have been commissioned to the

great relief to the Indian Railways. The Malatipatpur line having a length of 5.5 km was energised on 25th of June and the Bhalumaska line having a length of 31.2 km was energised on 26th of June. During this month, OPTCL has also integrated two nos 220 kv bays with PGCIL, Jeypore grid sub-station, which shall facilitate charging of 220 kv ct 3 & 4 to OPTCL's Jaynagar grid sub-station. The 132 kv Double ckt line from Pattamundai to Rajnagar having a length of 22.2 km (44.4 ckt km) was energised on 30th of June. With the energisation of above power transmission infrastructure in Odisha Grid, OPTCL has added

200 MVA power transformation capacity & 156 ckt km of EHT lines. In spite of severe Covid-19 resurgence from April onwards OPTCL employees were working hard to commission the power projects and have ensured reliable and quality power availability to the general public, railways and industries. Honble' Minister of Energy , Captain Dibya Shankar Mishra and Principal Secretary, Department of Energy, Government of Odisha & Chairman of OPTCL, Shri Nikunja Bihari Dhal, IAS have congratulated all the employees of OPTCL and agencies involved in project commissioning activities.



Record Project Commissioning by OPTCL

In the history of OPTCL for the first time charging of three nos of extra high voltage (EHV) Grid Sub-stations (GSS) and one no LILO line in a single day, Odisha Power Transmission Corporation Ltd (OPTCL), the state transmission behemoth, has created record in project commissioning on 14th July. The day started with charging of first 132/33 KV power transformer at 132 KV Gunupur GSS at 3:58 PM and the second one at 4:13 PM IST in Rayagada district. The 132Kv Gunupur GSS was energised from Akhusingh grid with line length of 24 ckt km. The consumers of Gunupur, Jaltar & Bikram-pur in Rayagada district shall be greatly benefited

by commissioning of this station. The 132 KV Thuapalli GSS in Bargarh district was commissioned with charging of first 20 MVA Transformer at 5:26 PM IST and the second one at 5:33 PM IST with LILO arrangement from 132 kv Katapalli- Bargarh line. With the commissioning of this GSS, consumers of Khuntulipali, Mahulpali, Thuapalli, Bheden and lift irrigation projects in Bargarh district shall be benefited in getting quality & reliable power. The 220 KV Telkoi GSS in Keonjhar district was commissioned with charging of 20 MVA 220/33 KV Transformer at 6:22 PM IST with LILO arrangement from 220 KV TTPS- Joda line. This GSS shall supply quality & reliable power to Telkoi & Jagmohanpur in Keonjhar district and Pallahara in Angul district. The 40 ckt km LILO line from 132KV Jayanagar-Tentulikhunti ckt II was energised

at 7:51 PM IST in Nabarangpur district. This LILO line shall facilitate further commissioning of 132 KV Nabarangpur GSS. With the commissioning of above projects, OPTCL has added 100 MVA power transformation capacity to the Odisha Grid with five nos of 20 MVA EHT Power transformers spread across three nos Grid Substations. In the process, 64 ckt km of EHT power lines were added to the Odisha network. Shri Dibya Sankar Mishra, Minister of State, Energy, Industry & MSME, Government of Odisha and Shri Nikunja Bihari Dhal, IAS, Principal Secretary, Energy, Government of Odisha and Chairman, OPTCL have congratulated all employees of OPTCL and agencies in commissioning of such a large number of projects in a single day amidst the deadly second wave of covid-19 pandemic.

Launching of e-Office

OPTCL, GRIDCO & SLDC adopted NIC-eOffice sponsored by CMGI, Odisha for implementation of paperless e-file system on 09.08.2021. This was officially announced by Sri. Nikunja B. Dhal, IAS, Principal Secretary, Department of Energy, Govt. of Odisha.

The management decided to adopt the such e-File Management System in order to provide a single, simplified, responsive & effective digital platform to carry out the office procedures electronically and paperlessly. The application can be accessed over internet,

however, in order to ensure the security & confidentiality of the organization files/ data, it was decided to access the application over OPTCL intranet only, ie through a P2P link. Subsequently, necessary steps were taken to establish a P2P from OPTCL Primary Data Center, Bhubaneswar to NIC Data Center, Bhubaneswar.

Present on the occasion were Sri Trilochan Panda, MD, GRIDCO, Ms. Kabita Roy Das, SIO-cum-DDG, NIC, Odisha, Mr. Pinaki Mohanty, Project Coordinator, CMGI, all the functional Directors of OPTCL & GRIDCO.



Independence Day Celebration

Odisha Power Transmission Corporation Limited celebrated 75th Independence Day at office premises of GRIDCO marked by unfurling of tricolour National Flag by Sri Nikunja B. Dhal, IAS, Principal Secretary, Department of Energy, Govt of Odisha and Chairman OPTCL & GRIDCO. Sri Raghunath Pratihari, Director (HRD) unfurled the National Flag at Power Hospital. Soaked with patriotic fervour all the field units of OPTCL have also celebrated the occasion by taking up many activities like plantation at GRID premises, tricolour lighting of GRIDs and distribution of fruits at nearby hospitals. In order to mark the occasion various competitions were organized among the children of employees throughout the state. Children of the employees participated in 04 various age groups for different competitions like online quiz, song, dance, drawing and fancy dress.



National Doctors' Day is celebrated on July 1, in India, to mark the birth and honour the contributions of renowned physician Dr Bidhan Chandra Roy. On this occasion, OPTCL felicitated the Doctors of Power Hospital as a token of gratitude for their dedicated service during this crucial time. "We really appreciate the dedication and the contributions of our Doctors towards the healthcare of our employees and as well as people of surrounding locality. This felicitation is just a token of recognition of their selfless efforts and we hope this will certainly motivate them to work with great vigor." said Sri Sanjeev Singh, Managing Director, OPTCL. "Such felicitation has highly motivated and encouraged us. We have got all necessary support from the management to render our duty always" said Dr. Rupalita Patnaik, Medical Officer. Present on the occasion were Sri U.K Pati, Director (Operation), Sri Raghunath Pratihari, Director (HRD), Sri Samir Swain, Director (Finance), Sri R.L Panda, Director (Projects), Sri C.S Pardhan, CGM (HRD) and Ms. Anita Mahapatra, GM (HRD).

The quarterly Newsletter of OPTCL "Shakti Samachar" was launched on 1 July by Shri Nikunja B. Dhal, IAS, Principal Secretary, Department of Energy, Govt. of Odisha and Chairman, OPTCL & GRIDCO. "Communication plays a vital role for smooth functioning of an organization. Reaching out and staying connected in the fast changing world is the need of the hour. This is why circulation of in-house newsletter at regular interval makes a lot of sense to disseminate the intent of the Management, latest trends, facts and major happenings of common interest. This newsletter with refreshing format will definitely capture the issues, trends and news of contemporary relevance in Power Sector. I also encourage employees to share their thoughts and contribute articles which impact us." Said Shri Dhal. Present on the occasion were Shri Sanjeev Singh, MD, Shri U.K Pati, Director (Operation), Shri Raghunath Pratihari, Director (HRD), Shri Samir Swain, Director (Finance), Shri R.L Panda, Director (Projects), Shri C.S Pardhan, CGM (HRD) and Ms. Anita Mahapatra, GM (HRD).

Data Centre Inauguration

The Primary Data Centre of OPTCL was inaugurated on 15. 08. 2021 by Sri Nikunja B. Dhal, IAS, Principal Secretary, Department of Energy, Govt. of Odisha and Chairman OPTCL & GRIDCO. This Primary Data Centre will facilitate and act as a centralized Server system for OPTCL, SLDC and GRIDCO. The data centre has been developed with tier-III datacentre architecture with



financial implication of 55 Cr. which includes around 11 Cr operation cost . Management is also planning to accommodate the data centres of DISCOMs in this Date Centre for better coordination and decision making. The data centre is equipped with highly sophisticated safety equipment like Ultrasonic Rodent Repellent , Very Early Smoke Detection Apparatus (VESDA) , Real time cyber security system etc.

Stakeholders Brainstorm on Power Infrastructure Resiliency At State-Level Workshop

Bhubaneswar: Odisha State Disaster Management Authority (OSDMA) in association with GRIDCO conducted a State level workshop on 10th August Tuesday on the report of a study conducted by Coalition for Disaster Resilient Infrastructure (CDRI), for enhancing power infrastructure resiliency in the State. Development Commissioner and Additional Chief Secretary (Disaster Management), Pradeep Kumar Jena, IAS presided over the workshop.

CDRI is an International Coalition of countries, UN agencies & programmes and multilateral institutions. CDRI has conducted a study to enhance the resilience of

Odisha power infrastructure. The study has three components, out of which the first – improvement in disaster preparedness, response, recovery and management, has been completed. Component-II and III will cover risk mapping, improvement of infrastructure, institutional capacity building and financing.

Director General of CDRI Sandeep Poundrik said, “CDRI is conducting such studies in four pilot States and the support & learnings shared by Odisha are tangible. He also pointed that, resilience should not necessarily be construed as hardware, rather its soft form like SOPs, process & mechanisms are also equally important and does not

warrant high upfront investments. He stated that, the Ministry of Power has already brought out specific recommendations for design of coastal power infrastructure, wherein Odisha was a team constituent and the inputs from State are well incorporated in the Ministry report.”

Principal Secretary, Energy Shri Nikunja Bihari Dhal, IAS said that the power sector has responded well to the quick restoration of power infrastructure damaged during cyclone Yaas. “The coastal districts of the State are witnessing severe cyclones almost every year and sometimes twice a year. Critical power infrastructure within 60 kilometers of the coastline needs to



be strengthened. Department has submitted its recommendations to both CEA and Central Ministry," he added.

Finance Secretary Vishal Dev said the State has identified the long term requirements and thus placed the requirement of support for disaster resilient power infrastructure and disaster resilient coastal embankments before the Central government.

Component-II is to study the risk mapping and improvement of infrastructure and it covers the aspects of risk identification and its estimation, codes, standards, design and regulation, with technology and innovation to improve disaster resilience in the power infrastructure in the State of Odisha. Brief scope will cover; Risk identification and estimation,

Codes, Standards, Design and Regulation & Technology and innovation.

Component-III is to study the institutional capacity and financing for resilience for the State of Odisha's power infrastructure. It will further enhance the preparedness of State authorities in building institutional capacity building and knowledge management. Brief scope will cover; Risk based governance and policy development, Financing resilience and adaptation & Capacity mapping, development and knowledge management.

Consultants for component II & III studies M/s PRDC, M/s KMPG and M/s TARU Leading Edge sought the support of OPTCL and DISCOMs for timely completion of the studies.

Inputs from Dr. Kamal Mishra, Additional Special Relief Commissioner and Executive Director, OSDMA, Satya PriyaRath, Additional Secretary, Finance, Trilochan Panda, Managing Director, GRIDCO, UpendraPati, Managing Director, OPTCL, Santosh Das, EIC-cum-PCEI (Electricity), Gagan Swain, Director (F&CA), GRIDCO, Chief Executive Officers of all DISCOMs, M.D., PRDC and Director, PwC on design optimization, vulnerability analysis, hazard assessment, infrastructure failure profiling, asset maintenance and capacity building etc. were well appreciated.

Senior officers from Energy Department, OERC, GRIDCO, OPTCL, OPGC, DISCOMs and Consultants of CDRI attended the workshop.



ଓପିଟିସିଏଲ୍‌ରେ ଇଞ୍ଜିନିୟର ଦିବସ ପାଳିତ

ଭୁବନେଶ୍ୱର-୧୬.୦୯.୨୦୨୧: ଭାରତ ରତ୍ନ ସାର୍ ଏମ୍ ବିଶ୍ୱେସରାୟଙ୍କ ୧୬୦ ତମ ଜନ୍ମ ବାର୍ଷିକୀ ଉପଲକ୍ଷେ , ଓପିଟିସିଏଲ୍ ର ଚନ୍ଦ୍ରକାସ୍ଥିତ ଶକ୍ତି ପ୍ରଶିକ୍ଷଣ କେନ୍ଦ୍ର ଠାରେ ଇଞ୍ଜିନିୟର ଦିବସ ପାଳିତ ହୋଇଯାଇଛି । ଏହି ଅବସରରେ ମୁଖ୍ୟଅତିଥି ଭାବେ କଂପାନୀର ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ ଶ୍ରୀ ସଂଜୟ କୁମାର ମିଶ୍ର , ସମ୍ମାନିତ ଅତିଥି ଭାବେ ଗ୍ରୀତକୋ ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ ଶ୍ରୀ ତ୍ରିଲୋଚନ ପଣ୍ଡା ଏବଂ ମୁଖ୍ୟ ବକ୍ତା ଭାବେ ଏନ୍.ଆଇ.ଟି ର ପୂର୍ବତନ ନିର୍ଦ୍ଦେଶକ ଶ୍ରୀ ସୁନୀଲ କୁମାର ଷଡ଼ଙ୍ଗି ଯୋଗ ଦେଇ ଉପସ୍ଥିତ ଇଞ୍ଜିନିୟର ମାନଙ୍କୁ ଉଦ୍‌ବୋଧନ ଦେଇଥିଲେ । ଇଞ୍ଜିନିୟର ମାନେ ସମସ୍ୟାର ସମାଧାନ ବାହାର କରିଥାନ୍ତି । ଦେଶରେ ଅର୍ଥନୈତିକ ତଥା ସାମଗ୍ରିକ ବିକାଶ ପାଇଁ ବିଦ୍ୟୁତ୍ ଶକ୍ତିର ଭୂମିକା ଅତ୍ୟନ୍ତ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ । ତେଣୁ ଏହି ଶକ୍ତି କ୍ଷେତ୍ରରେ କାର୍ଯ୍ୟ କରୁଥିବା ଇଞ୍ଜିନିୟର ମାନେ ଦେଶର ବିକାଶର ମଙ୍ଗ ଧରିଛନ୍ତି । ଇଞ୍ଜିନିୟର ମାନେ ସକରାତ୍ମକ ମନୋବୃତ୍ତି ରଖି କାମ କରିଲେ ତାହା ହିଁ ସାର୍ ବିଶ୍ୱେସରାୟଙ୍କ ପ୍ରତି ପ୍ରକୃତ ଶ୍ରଦ୍ଧାଞ୍ଜଳି ହେବ ବୋଲି ଶ୍ରୀ ମିଶ୍ର ନିଜ ବକ୍ତବ୍ୟରେ କହିଥିଲେ । ନିଜ କର୍ମ କ୍ଷେତ୍ରରେ ଉତ୍କୃଷ୍ଟତା ପାଇଁ ୨୦ ଜଣ ଇଞ୍ଜିନିୟରଙ୍କୁ ଶ୍ରେଷ୍ଠ ଇଞ୍ଜିନିୟର ପୁରସ୍କାର ରେ ସମ୍ମାନିତ କରାଯାଇଥିଲା । ଏହି ଅବସରରେ ନିର୍ଦ୍ଦେଶକ ଶ୍ରୀ ଉପେନ୍ଦ୍ର କୁମାର ପତି ସ୍ୱାଗତ ଭାଷଣ ପ୍ରଦାନ କରିଥିବା ବେଳେ ମହାପ୍ରବନ୍ଧକ ଶ୍ରୀମତୀ ଅନୀତା ମହାପାତ୍ରଙ୍କ ତତ୍ପରାଧାନରେ କାର୍ଯ୍ୟକ୍ରମଟି ସୁପରିଚାଳିତ ହୋଇଥିଲା ।





SASMITA PATAJOSHI
AGM (RE Cell), PP GRIDCO Limited

AN INSIGHT INTO TO FULFILLING THE GREEN TARGET OF THE STATE

For the commitment towards the reduction of the International Climate change parameters, India in 2008 introduced 8 nos. of National Missions, viz National Solar Mission, National Mission for Enhanced Energy Efficiency, National Mission for a Green India, National Water Mission, National Mission on Strategic Knowledge for Climate Change, National Mission on Sustainable Habitat, National Mission for Sustaining the Himalayan Ecosystem & National Mission for Sustainable Agriculture. By virtue of the National Missions, the country is now reaping the ambitious Renewable Energy (RE) target of 175 GW by 2022 which is likely to be enhanced to 450 GW by 2030. With around 100 GW of installed RE capacity and almost double the RE capacity in pipeline, the National targets are achievable, which will boost us to be less dependent on the fossil fuel and also brought down the cost of RE power to the Grid-parity level.

With the National RE target of 175 GW by 2022 after inception of the National Solar Mission in 2010, everyone has contributed towards the same, accommodating the high cost (as high as Rs 19/-) of RE power & infirm nature of RE power. Many RE rich states had their good share of power but the Discoms with weak financial health or with mild RE potential has struggled to fulfill their RPO. Even the pan-India solution on 'REC mechanism' did not work for many Discoms towards fulfilling the RPO as it is an instant buy & sell of RE power with liquid cash, over a specified period.

With increased share of RE power and with Grid-parity over the year, Renewable power is now cheaper than Conventional power with the Competitive Bidding regime. With the recent commercialization in Energy Storage Solutions, RE power is also available on Round-The-Clock (RTC) basis & at Peak hours also, addressing the infirm nature of RE. The challenge that emerged with RE power is integration with the Grid maintaining the stability & the Grid-Security with higher penetration. With high RE penetration, especially Solar, with no availability during night time, load-generation mismatch on RTC basis has widened significantly. Load-Generation balance is being planned meticulously with realistic Scheduling & Forecasting of RE Power by the Discoms, using specialized tools and establishing 'Renewable Energy Management Centres'. In future, demand will be managed with RE sources where hydro will act as a balance for the demand management.

In future sustainable solutions are being considered for Load-Generation balance with the proposed high RE penetration in to the Grid along with the Commercial issues, given the Must-run status of RE at present. MW-Scale Energy Storage

Solutions, Pump Storage Projects are in the pipeline by many States to store the RE power and to use it in RTC basis & in Peak Hours, as and when required. The historic order of MoP, GoI on 8th March 2019 to include all the Large Hydro Projects (> 25 MW) as Renewables has further pushed the goal to run the Sector on almost RE by 2030, with fossil fuel as back up source for an energy secured, Clean & Environment friendly future.

Not only in large Scale, Renewable Power is now touching individual's life, involved on account of livelihood also. The solar-run Drinking Water Kiosks or Solar Irrigation Pumps, People are getting long-term benefits as Solar power has now become cheap and easily available, which can replace Conventional power or the Diesel Generators. Now RE Power with storage is being used on various stand- alone applications. Especially to replace the costly diesel power, Solar with micro-Grid is a cheap and reliable option, now used in Telecom towers, Commercial establishments, Industrial Units.

In line with the National RE target of 175 GW by 2022, Odisha is also committed to meet its RE Target for 2.75 GW (Solar – 2.2 GW, Non-solar – 0.55 GW), in confirmation with Odisha RE Policy - 2016. Odisha, being a 'Mild Renewable Potential' State, where only Solar, Small Hydel Projects & Biomass projects have come up in a commercially viable way. A few large scale Solar projects can be implemented in coming years because of the present competitive tariff and low gestation period. But due to lack of large contiguous patch of land in the state, Rooftop Solar & Floating Solar Projects are the best alternatives. Odisha has many water & irrigation reservoirs, lakes & large ponds, which can be utilised for implementing Floating Solar Projects in the coming days. GEDCOL, the State Nodal Agency has joined hands with NHPC and Solar Energy Corporation of India Ltd. to implement 1000 MW Floating Solar project, for which the topographic mapping & geophysical analysis is now in progress.

Towards consumption of the State consumers, GRIDCO has already tied-up Solar capacity of 999 MW and non- Solar capacity of 479.15 MW, totaling to 1478.15 MW contracted RE capacity, out of which 1214.65 MW RE capacity is operational now, which is also accounted for meeting the specified Renewable Purchase Obligation (RPO) target of GRIDCO. As specified by OERC under Net-Metering Regulations, 2016, another 15 MW Roof-top Solar (RTS) capacity is also commissioned in the State, which is accounted towards RPO.

As Home battery technologies are maturing rapidly, a residential consumer can plan for his modern home to include multiple smart appliances, smart Metering, Electric Vehicles and also Solar panels, which produces electricity. All these smart and internet- connected things provide optimal in-home utilization of energy, at the right price. Selling any excess energy generated by a Prosumer can also reap additional financial benefits. In some part of the country where ToD (Time of Day) is prevailing, changing energy use from peak demand periods or during Grid congestion time can financially incentivize the consumers. With a flexible market design, use of electricity can be optimally done and consumers can be rewarded too. In our State, Consumers has become Prosumers under Net Metering Regulation of OERC and this can further be encouraged with implementation of 'Gross Metering Regulation' in the coming days.

The basic infrastructure required today is the availability of quality and reliable power to all the consumers, with 24x7 uninterrupted power supply along with transparency in the operation of the sector and consumer participation. The Smart futuristic Distribution Utilities should be with low AT&C losses leading to a rich financial condition, reliability and quality of power to meet the customer expectations, presence of Smart Grid to compute consumption pattern, billing details, energy conservation, and outages information etc., increase in Distribution Energy Resources (DER) with use of Roof-top Solar sources which would make the existing consumers as the generator feeding at distribution level, also to handle penetration of Electric Vehicles (EVs) & establishment of Electric charging stations in the distribution system.

With the power surplus scenario of the state, where the surplus is expected to go up in coming years in view of the new capacity addition (due to earlier executed Agreements) and low demand growth in the State., also the power market is subdued and GRIDCO is unable to recover its cost fully by selling the surplus power, there is a huge financial burden. Further addition of RE power is enhancing the financial burden on GRIDCO. A realistic State-specific RPO Trajectory for the future, based on the Projected Power Demand – Supply Assessment of GRIDCO with realistic RE procurement will help in meeting the Green target of the State (GRIDCO) in line with the National RE target.

Ganesh Puja



at corporate office

Vishwakarma Puja



Charging of 132/33 kV GRID Gondia 31.08.2021



Training on Preventive Vigilance



Refresher course on O&M of EHT Substation and Lines



Safety & Safe Work Practice

Welcome to MT (Electrical-2021)



ABINASH MOHANTY

Salipur Grid_EHT (O&M)
Division, Choudwar



ADITYA NARAYAN OJHA

EHT Const Division
Rayagada



AISHWARYA MAHAPATRA

Business Development
Cell_Hqrs



ARUN KUMAR CHAND

E & Mr Sub Div Balasore
E & Mr Division
Balasore(Old Jajpur Road)



AVISHEK PARAMANIK

E & Mr Sd Bhanjanagar_E
& Mr Division Berhampur



**CHAPALA CHHANDA
PANIGRAHI**

SLDC



DEEPARANI HANSDAH

Balasore Grid_EHT (O&M)
Division Balasore



EESHAN SAHOO

GRIDCO



GUPTA PRASAD NAIK

E&Mr Sub Div
Jayanagar_E&MR
Division Rayagada



IPSITA PRIYADARSHINI

SLDC



JITENDRA MAJHI

Rengali Grid_EHT (O&M)
Division, Chainpal



MAMALI MISHRA

Corporate Planning_Hqrs



MAYADHAR MUDULI

Grid Rengali_EHT (O&M)
Division Chainpal



PRADEEP PRADHAN

Eht Const Sub Division
Rourkela_EHT Const
Division Jharsuguda



PRADIPTA KUMAR SETHY

Nimapara Grid_EHT
(O2M) Division, Puri



PRITI PANIGRAHI

Engineering & Qulity
Control_Hqrs



PRIYANKAR PANIGRAHI

GRIDCO



RAMAKRISHNA G SAHU

Eht Const Division
Angul



RAMESWAR ACHARYA

Theruvalli Grid_EHT (O&M)
Division, Theruvalli



RUBINA GURU

Construction Zone-II
Sambalpur



RUPASINGH TANDI

Kantabaji Grid_EHT
(O&M) Division Nuapada



SASMITA TUDU

GRIDCO



SMRUTI RANJAN NAYAK

Kuchinda Grid_EHT (O&M)
Division, Jharsuguda



SOMYARANJAN BISWAL

Puri Grid_EHT (O&M)
Division Puri



SULAGNA BISWAL

CPC_Hqrs



SWADHIN PRASAD ROUT

Akhusingh Grid_EHT
(O2M) Division,
Theruvalli



SWETARUPA BEHERA

SLDC



TANMAYA MISHRA

Khurda Grid_EHT (O&M)
Division, Khurda



UPENDRA MAJHI

Jaypatna Grid_EHT
(O&M) Division Kesinga

Best Engineer 2021



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