CELEBRATING

99

GLORIOUS YEARS OF ADDING POWER TO LIFE
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The story of India Power Corporation Limited (India Power) began in 1919 with the incorporation of the Dishergarh Power Supply Co. Ltd. Over the last century, the company has powered the progress of Eastern India with its affordable and reliable service.

India Power has developed a diversified portfolio of conventional and renewable modes of power generation, multi-location distribution, mining, operation & maintenance and logistic outfits. The company constantly endeavours to grow the scale and scope of its operations in the energy sector. IPCL is constantly seeking synergistic opportunities in the power generation and distribution space to enhance its presence organically and inorganically. Technically, IPCL has reached several milestones in smart grid operations and smart meter incorporation. The smart grid, which uses information and communication technology to gather data about the behaviour of suppliers and consumers to improve the efficiency of production and distribution, also allows identifying and correcting the supply/demand imbalances instantaneously and detecting faults through a self-healing process.

By ensuring 24x7 power supply, competitive pricing, easy payments, instant customer care, customer camps, customer surveys, and online & doorstep services over more than 9 decades, India Power has achieved incredible Customer Satisfaction. The age-old traditions of Corporate Social Responsibility activities have also helped the company gain the love and confidence of the residents of its operational localities.

As a responsible corporate entity, IPCL cares for the Health and Safety of its employees, as well as that of the world at large. The company framed and implemented an environmental, health & safety policy, which it implements at all levels by adhering to necessary legal and environmental compliances and adopting various technologies as part of its systems.

On the 2nd of July 2018, the company completed an incredible journey of 99 years and started its march towards the Glorious 100 years with a clutch of events and celebrations of this mammoth occasion in Asansol. It started with sit-and-draw competition for the youngest family members of the company, the children of India
Power employees. The mega celebration then continued with the musical evening that was organised in Burnpur, Sampriti Bhavan, Asansol for the entire India Power Family. The evening began on a spiritual note by worshipping the Goddess of Power - Kali through a dance offering by Ms. Shalini Mukherjee, Executive - PR followed by lighting of the lamp by our esteemed guests and deliberations of dignitaries and India Power officials whose electrifying speeches motivated the employees and injected them with the confidence of making the company grow and roll through decades of glorious existence. On this evening of pride, CEO, Mr. Sanjeev Seth, honoured some of the valued employees by recognizing their efforts through Awards. The entire event was anchored and coordinated by Mrs. Bonnya Bose, DGM – PR & Communications, whose cordial presentation of the program kept the audience glued to their seats.

Birthday Celebrations are incomplete without cutting a cake and distributing the happiness amongst one and all. The delight of India Power’s achievement was also marked with cake cutting by the honoured guests. The evening was then lit up by legendary singer Usha Uthup who graced this momentous occasion as the chief performer and with her power packed performance, she took the entire audience into a swing.

The august evening was graced with the honourable presence of dignitaries like Ms. Tabassum Arra - Dy. Mayor, Asansol Municipal Corporation, Mr. D. Sivadasan, Member (RTA), Paschim Bardhaman, Mr. Abhijit Ghatal – Member in Council, Asansol Municipal Corporation and senior officials of India Power including Mr. A.K. Goswami, Whole Time Director, Mr. Sanjeev Seth, CEO, Mr. Sushil Agarwal, CFO, Mr. Somesh Dasgupta, President and Mr. Debashish Sarkar, Business Head. The company’s esteemed consumers, employees & their families and other stakeholders were also invited to be a part of the grand evening and mark their presence in this incredible journey of India Power.
"A calm sea does not make a skilled sailor"; the company, over these decades, has seen turbulent times. However, India Power teams have demonstrated an expertise in crisis management and have overcome challenges, gaining more wisdom and confidence in years to come.

As the company steps into the 100th year of its glorious existence, it envisions providing consistent, reliable and affordable power to all citizens by 2019, in tune with the government’s determination to eradicate inefficiencies, debt burden and other legacy issues that the power sector has been grappling with for decades.
There have been two recent incidents in these past few months which may have escaped our notice but which can provide our economy with a sense of direction. The first is the occurrence of heavy fog in the national capital. This was largely blamed on the burning of agriculture waste by farmers in far-flung Punjab and Thermal Power plants, who are facing a shortage of coal, were asked to mix this waste with coal to kill two birds with one stone, thus dealing with the pollutants as well as creating an effective industrial substitute. The second is the introduction of Bio-aviation fuel, with an airline becoming the first to fly its plane using bio-aviation fuel instead of petroleum based fuel. This move will save the foreign exchequer. More importantly, both these incidents will play a major role in the economy in future.

Briefly, the Indian economy is expected to have five trillion dollars by 2025 and with the fast changing scenario in energy and environment research and development, it is expected that 100 billion dollars which is roughly 2% would be from bio-economy alone. This would make the country second only to China in its use of Bio-Economy.

The question that first arises, of course, is what exactly is Bio-Economy? Bio-Economy evolves around bio-technology, renewable energy and integration of these components across all user spectrums. From its limited uses as bio-pharmacy, it is now fast replacing Energy Economics, Health Economics and Environment Economics to become the most viable sustainable option for economic growth.

The main drivers of Bio-Economy are increasing population, growing energy demands and the public awareness to reuse waste and thus reduce environmental harm as much as possible. The energy consumption of this country is now touching new heights as we envisage that by 2030, per capita energy would be 3000 units as against present 1100 units. This would mean a triple load in our consumption within a little over a decade. It is estimated that biomass, municipal solid waste and energy plantations would be the major contributors of energy growth. For instance, until very recently, municipal solid waste conversion did not attract any incentive, whereas now all urban areas have been promoting the reuse of waste in all forms for some time now. It is estimated that the waste to energy potential is 1700 Mw from MSW, 225 Mw from domestic sewage, 1300 Mw from Industrial waste and that these waste itself contribute 4000 Mw. This is besides agricultural waste of 2200 Mw i.e. roughly 10 % of our domestic consumption. Reuse of this waste besides being environment-friendly, will also help us convert deadly methane CH4 into CO2—which is 23 times less harmful for the environment.

Bio-economy means that products with known environmental toxicity can be replaced by
more sustainable substitutes. There is already substantial research on plastic which is one of the most dangerous and commonly used industrial substance. With the new ban in place on polymer plastics across multiple states in the country, it is expected that bio-plastic will emerge as a viable alternative. The present global production of bio-plastic is 5 Million tonnes and India is expected to be a major contributor in the production and use of bio-plastics.

There is also a need to consider sources of bioenergy such as plantations that provide energy resources. Napier Grass and Elephant Grass, for example, besides providing better cattle feed, are also good alternatives to depleting fossil fuels. It is also economically more viable as the expenditure for preparing one ton of 3000 CV based energy plantation is ₹1400 and whereas to produce the same amount of energy using coal, the cost is around ₹4000 per mt. India, with a vast tract of non-utilizable land, can play an important role in limiting the use of imported coal and instead promote the use of plantations and biodegradable material as fuel sources. Besides the use of power plants, bio fuels like Ethanol, compost, thermal power and Bio-Hydrogen are the segments where these principles of sustainable energy would be used prominently.

Thus Bio-Economy is expected to grow significantly in the fields of bio-gas production, power generation, bio-plastics and for use in transportation sector. It is estimated that for each 1 MW power produced from bio-mass, around 80 direct and indirect employment opportunities are generated. Considering that it is potentially a 100 Billion economy with 8% growth, Bio-Economy is bound to generate mass employment and customers in the near future.

(Article contributed by Mr. D. Radhakrishna, Secretary General of India Bio Mass Association - and Advisor to India Power - views expressed are the author’s own)
Asansol Enters the Smart Age with IPCL

The salient features of a 300 amps Energy Meter Pillar Box which has been commissioned for the first time at Asansol Bazar.

1. Compact design (3 door panel) with metering protection.
2. Accommodates up to 20 nos meters; 10:10 = Single phase: Three phases.
3. I/C protection with 300amps fuse protection.
4. 20 nos O/G protection respectively along with MCB.
5. It can be installed indoor & outdoor as per requirement.
6. Proper Sealing & Locking arrangement provided, which can protect against pilferage.
7. Online operation can be done in case of any emergency situation at meter O/G site.

SMART PRE-PAID METER PILOT PROJECT

1. Can be recharged over Internet
2. Meter Data will be available on a daily basis.
3. Daily Sale / recharge will be available.
4. Consumer would be able to check meter data either through his/her mobile phone through an App or we would be able to provide the consumer a wireless based display unit which when powered up by battery or through 230V supply, will get meter data (subject to he/she being within a communicable range of the meter.)
5. Most of the then condition of the meters will be available when required for consumer support.
6. Meter can be switched “ON/OFF” from remote.

IPCL Spreads its Distribution Jurisdiction in Tamil Nadu as Well

The Ministry of Commerce & Industrial, GOI (MOCI - GOI) granted the Letter of Approval to Tamil Nadu Industrial Development Corporation Ltd (TIDCO) for setting up a multi-product SEZ, which was then transferred to AMRL Hitech City Ltd for development of SEZ through a notification by the Ministry of Commerce and Industry on 18.11.2008.

SEZs are developed as catalysts to benefitting the economy with enhanced export. In this regard, Government of India provides incentives as 1) 100% IT exemption for the first 5 years, 2) 50% for next consecutive 5 years, 3) 50% exemption on profit ploughed back for third 5 year-period, 4) 100% FDI in Manufacturing Sector and 5) All input goods and services and physical export are ZERO rated under IGST.

However, the success of any SEZ is dependent on the input prices which in turn governs pricing of product to remain competitive in the global
market. Electricity is one such critical and crucial resource which requires greater attention. AMRL Hitech City Ltd is one of the largest notified SEZs. However, its development remained sluggish because of the inadequate, poor quality and inconsistent electricity supply provisions in the region.

India Power Corporation (Tuticorin) Private Limited came to the rescue for expeditious development of the SEZ and entered into a co-developer agreement with AMRL Hitech City Ltd. IPCTPL has filed a petition with The Tamil Nadu Electricity Regulatory Commission (TNERC) to take on record the deemed distribution licensee status in accordance with the provisions of the Electricity Act 2003 and SEZ, Act 2005.

Hon’ble TNERC vide its Order dated 28.08.2018, has been pleased to accord IPCTPL a deemed distribution status for the notified area of SEZ (i.e. 2518 acres of SEZ land in Tirunelveli District of Tamil Nadu) for the period of 25 years with license period starting from 19.04.2017 to 18.04.2042. Being a distribution licensee, IPCTPL would be supplying to energy needs of the industries and other establishments coming up in the SEZ area at competitive prices compared to Tamil Nadu Generation and Distribution Company (TANGEDCO).

98th Annual General Meeting

India Power has been carrying forward its tradition and legacy of treating each of its stakeholders at the same level of importance since over 9 decades. Every year the company organises its Annual General Meeting to interact with the shareholders where our Chairman, the entire panel of Board of Directors, The MD, CFO and Company Secretary directly communicate with them and address their doubts and queries.

This year, the 98th Annual General Meeting was organised on September 22, 2018, at the Convergence Centre of India Power. Each and every shareholder of the company was invited to take part in the AGM and voice their opinions, doubts and/or queries based on the Annual Report 2017-18 which was distributed among all shareholders for them to take a close look at the company’s health.
9th Energy Conclave of CII

The Confederation of Indian Industry (CII), in association with WBSEDCL, organised the 9th edition of Energy Conclave, the annual flagship initiative of CII Energy Task Force, Eastern Region on 17th August 2018 at the Oberoi Grand, Kolkata. This year, the theme of the conference was “Redefining Energy, Digitizing Power Sector, Enhancing Reliability” that mainly focused on the role of Digitization in Generation (Thermal & Renewables), Transmission and Distribution.

IPCL Managing Director, Mr. Raghav Raj Kanoria, was one of the esteemed panellists who shared his concluding remarks on the inaugural session of the conclave where the speaker list included dignitaries like Shri Rajesh Pandey, IAS, Chairman & Managing Director, WBSEDCL, Mr. Sanjeev Mehra, CEO and MD, Tata Power Trading Co. Ltd., Mr. Prabir Kumar Mukhopadhyay, Chairman, Damodar Valley Corporation, Mr. Abul Kalam Azad, Chief Coordinator, SDG (Sustainable Development Goals) Prime Minister’s Office, Govt of Bangladesh, etc. The Chief Guest of the Conclave was Shri Sobhandeb Chattopadhyay, Hon’ble Minister in Charge, Department of Power & NES, Government of West Bengal.

Environment and Energy Conclave 2018 of BCC&I

The Bengal Chamber of Commerce & Industry has organized the Environment and Energy Conclave on “Energy Tech – Disruptive Innovation in Energy Transition” on 23rd August 2018 at ITC Sonar.

FORENS’ 2018

Mr. Sanjeev Seth, CEO - India Power Corporation Limited, attended one of the most prominent industry forums - FORENS’2018 (Forum of East and North-East Regulators) and shared his views on several aspects of power distribution models and privatisation in the Power Industry. At this esteemed platform, dignitaries from the State Electricity Regulatory Commissions of West Bengal, Odisha, Bihar, Delhi, the North East states; and senior officials from the leading companies operating in the power industry were also present.

CEO, Sanjeev Seth’s speech at FORENS’ 2018
Annual HR Congress 2018 of Human Resource Professionals of Mauritius

The Association of Human Resource Professionals of Mauritius organised their Annual HR congress 2018 on 31st August. Mr. Somesh Dasgupta, President - India Power Corporation Limited, was invited as one of the esteemed speakers where he delivered his discourse on “Talent Required for the Digital Age” and also shared his thoughts on how the digital landscape offers a great opportunity to India. He addressed the esteemed gathering of the conference in the opening ceremony where the Minister of Social Integration and Economic Empowerment and President of the World Federation of People Management along with the President of the African Human Resource Confederation were also present to share their views.

International HR Conference 2018 of NIPM

The National Institute of Personal Management organized their International HR Conference 2018 on 6th & 7th June, 2018 at “Bandarnaiik Institute International Conference Hall” at Colombo where Mr. Somesh Dasgupta, President India Power Corporation Ltd and the National President of NIPM, were invited as the esteemed panellists. The panel discussions included relevant topics like “To create HR practice etc. and Future of HR in the World of Digitisation”. Mr. Dasgupta also actively participated in the National HR Excellence Award conducted by the organisation.

Conference on Stressed Assets in the Power Sector by IPPAI

IPPAI organised a 1 day conference for IPPs, Banks, Utilities and key stakeholders to examine, debate and work towards practical suggestions in the larger interest of not just stressed assets, banks and other stakeholders in the power sector, but also of the Nation’s economy.

Mr. Purushottam Kejriwal, Srn. VP, attended the conference as one of the esteemed delegates among other stalwarts of the industry.
Project Shakti

“Shakti” means power and this project has been formulated with the sole objective of empowering the socio-economically challenged section of our society.

Leprosy is a disease which has been considered to be a curse on the human race since ages and even Gandhiji struggled to eradicate this mindset of the people and help the leprosy affected people, the “Vaishnavjans”.

India Power has arranged for health and skill development programs in the Leprosy colonies of Jamuria in the past and this time it has partnered with Pyari Foundation India Trust to help the women of this region to move ahead towards a sustainable livelihood generation. Through this project, 40 women will be trained in wool knitting and phenyl making throughout the year and help them become financially independent.

The inauguration of this project was done at Nazrul Shatabarshiki Bhavan on 27th August, 2018, where dignitaries and Government officials including the Chairman and Borough Officer, BDO, Chief Medical Officer, Paschim Bardhaman, Zonal Leprosy Officer, Commissioner of Police and President – India Power Mr Somesh Dasgupta.

 Contributing High Bench, Low Bench, Water Purifier

As the company stepped into the 100th year of its glorious existence, we started our march towards glory by donating Wardrobes, Ceiling Fans, Cotton Carpets, Wooden Chairs, Low & High Bench sets and Water Purifier to primary schools of DPS and Kulti area to mark its support towards education.

The schools that got benefitted are Gopalpur Govt Sponsored Primary School, Sadhya Devi Free Primary School, Gopalpur, Bidyanandapur Primary School, Kulti Circle, Sodepur Colliery High School and Sitlapur Free Primary School in Dishergarh.

Mr. Ujjal Chatterjee, MLA Kulti, was present at the event along with other dignitaries of IPCL including Mr. Somesh Dasgupta, President, Mr. Debasish Sarkar, Business Head, Mr. Partha Chattaraj, GM – HR and Ms. Bonnya Bose – DGM – PR & Communications.

Support to IISD Edu World

IISD Edu World is an institute which has been catering towards the country’s educational scenario for making a better and brighter future. India Power like every year extended its helping hand towards this noble cause which has a direct effect on the socio-economic development of our country.

Donation of Furniture to Anjuman Urdu Girls High School

India Power, with the objective of developing the educational scenario of our country, partnered with Rotary Club of Ranigunj and took a bold
Power, including Ms. Bonnya Bose, DGM – PR & Communications and Mr. Partha Chattaraj, GM – HR, were present.

Supporting Tribal Sports Event in Association With Kenda Police Phari

India Power Corporation Limited associated itself with the Kenda Police Phari under Jamuria P.S. for organising a Football Tournament for both Men and Women of the tribal communities residing in this region on August 10, 2018.

Through this event, our company inspired the men and women of our country to embrace the world’s most popular sports, Football, and take it up as a serious profession. The event was graced by senior officials from the Police Administration, Government and IPCL.

India Power Website Gets a Fresh Look

IPCL donated 50 sets of hardwood High and Low benches to Anjuman Urdu Girls’ Primary School on the occasion of Teachers’ Day, which put broad smiles on the faces of the little girls as well as their teachers.

The event of handing over the benches was organised on 5th September, 2018, where dignitaries of Rotary Club of Ranigunj including Mr. Deepak Sonthalia, Club Foundation Chairman, Commissioner of Police and officials of India Power.
Training Intervention At IPCL

IPCL envisions not only to sustain but also be the market leader in today’s fast changing and competitive business environment. The aim is to become a learning organization and L&D is committed to create a culture of continuous learning. The focus is on behavioural, technical and functional skill enhancement, thereby, making learning a holistic experience.

The past three months witnessed a nice ensemble of soft skills, workplace skills, leadership talks, diversity & inclusion workshops, technical trainings and external conferences on various industry related topics.

A glimpse of the same is as follows:

Skill-Based Workshops - KF LEAD
- Interpersonal & Influencing Skills - Kolkata
- Time Management - Kolkata
- Translating Values Into Business - Kolkata
- Analytical Problem Solving Negotiation Skills - Kolkata & Delhi

Internal Workshops - Learning Centre
- Leadership Talk - Kolkata
  - Know Yourself, Grow Yourself
  - My Story, My Passion
- BOOST - Kolkata
- POSH – Prevention of Sexual Harassment Of Women at Workplace – Asansol

External Training/Workshop/Conference - Learning Centre
- Power System Protection (organised by AIPM _ CESC) - Kolkata
- SCADA – Asansol
- IT & OT In POWER – (organised by Powerline) - Delhi
- Resolving Stressed Assets in the Power Sector (organised by IPPAI ) - Delhi
- GST & E - WayBills Implication & Applications (organised by Indian Chamber of Commerce) - Kolkata
- Women’s Empowerment (organized by Globsyn Business School) - Kolkata
- Modern Trends & Accident Prevention On Distribution & Power Transformers (organised by Central Board of Irrigation and Power) - Kolkata
TRAININGS

SCADA Training

BOOST Session Series I

POSH Awareness Session

Know Yourself, Grow Yourself

Time Management

Financial Wellness
News at a glance

Mr. Arghya Roy’s article in the Power Line Magazine August 2018 Issue

Sanjeev Sinha, President – IT & Digital Transformation, writes in Energy Next of July 2018

Prabhat Khabar, 03-07-2018

ASN news Channel

新闻, 04-07-18

Sanmarg, 03-07-18

Newszone Channel

Sanmarg, 03-07-18

ASN news Channel

Sanmarg, 03-07-18

Newszone Channel

Mr. Arghya Roy’s article in the Power Line Magazine August 2018 Issue

Sanmarg, 03-07-18
NEWS AT A GLANCE

Social Media Post

Asansol Ramkrishna Mission

Branding and Advertising Initiatives

Asansol Ramkrishna Mission
Celebrations at India Power

Inauguration of Induction Room

The importance of effective employee onboarding cannot be overstated. We strongly focus on the impression that we are giving to our new recruits. Therefore as HR, we should strive to set up new employees for success from Day One. The best way to get new members off to a brilliant start in their new job is to offer them a warm welcome and a great orientation. In order to do so, we want to come up with a new initiative where we offer a separate induction room to our new recruit for the very first day. This room is specially designed with creatives in tune with our business expansion and business growth. At a glance, employees can have a proper idea and visualization of our company’s expansion by simply spending a couple of hours in this room.

In September, we have inaugurated our induction room by our respected MD – Mr. Raghav Raj Kanoria and our CEO- Mr. Sanjeev Seth. In future, we will continue to add more charm and innovation to make this room more informative in order to make the onboarding process more effective.

Independence Day Celebration

India Power celebrated Independence Day on 15th August 2018 with great joy and happiness. All the employees came together to celebrate the day by gathering on the office lawn in tricolor attire. As we all know, the saffron in the tricolor of our Flag represents courage and sacrifice, white is for peace and truth and green for faith and chivalry. We come together to show respect to the freedom fighters. We, the members of India Power, respect our Indian Flag and continue to believe in the same forever. We have tried to give the effect of the tricolor through our photography and believe in the philosophy of our tricolor.
CELEBRATIONS AT INDIA POWER

Engineers’ Day

India Power celebrates Engineer’s Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna, Mokshagundam Vishweshvarayya. This time we celebrated the day in a different way by gifting a small memento to all the budding engineers in H.O with the collaboration with Maruti Suzuki India Limited. This event was organized by the Admin and HR team.

Monthly Birthday Celebration

Like every month, we have celebrated the monthly birthday with all August born employees at our cafeteria. This time, we were fortunate to have our CFO as the centre of attraction as he also celebrated his birthday with us and in addition to that, he sang a special song for us, which was written by him only.

Welcome to IPCL Family

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<td>Abhishek Rajguru</td>
<td>Officer IT</td>
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<td>Kolkata</td>
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<td>Srinivasa Rao Banduru</td>
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<td>Md. Ataur Rehman</td>
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<td>H-1</td>
<td>Gaya</td>
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<td>Radhkrishna Deshraju</td>
<td>Advisor</td>
<td>Adv</td>
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<td>Prasad Makkena</td>
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<td>19</td>
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<td>Prakash Chanda Panda</td>
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<td>Shakti Kumar Singh</td>
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<td>Ritesh Kumar Singh</td>
<td>DGM</td>
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<td>MEL</td>
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</table>
‘The Enigmatic Moon’
The beaming moon is shining bright
Smearing all with its pale blue light
Have you seen its gleaming face?
Filled with smirk, yet full of grace!

The moon is sombre, the moon is truant
Plays hide and seek and is oh-so pursuant!!
The magical full moon and its angelic charm
Nuzzles and binds us between its arms
Bewildering and the ghastly moon
At times gory, while far attune(d)
Despite these, the moon is coy
Often in full glory for us to enjoy.

Madhurima Chanda
Office of Whole Time Director

Ayush Konar
Son of Kallol Konar
Dy Manager, O&M-Operation
God
Ahana Chattopadhyay, Class : VIII

My hands are my "God";
My feet are my Wings;
Truth is my Power;
And myself is my dream.

My parents are my Route;
The Superstitions I shoot.
Confidence is my Temple;
Kindness is the Truth.

What do you wish to say?
That Dangers be all away!
I say O God,
Please,
Let me fight the dangers away.

People say I’m Stupid!
As I think, Superstitions are Fraud.
One thing you tell me;
What’s the actual meaning of “God”?

Written by : Daughter of Mr. Arnab Kr. Chattopadhyay
(C.M. Testing), Asansol

Achievement of Priyabrata Gantait,
Son of Mr. Soumendu Gantait
KNOW YOUR SECTOR-
POWER IN INDIA, WITH FUN

MINISTRY-MINISTRY OF POWER UNDER GOVERNMENT OF INDIA

POWER MINISTER- MR. RAJKUMAR SINGH

POLICY MAKERS-NEVER MESS WITH THEM! BAAHUBALIS.

CENTRAL ELECTRICITY AUTHORITY, C.E.A., ESTB 1951 AS A PART BODY AND CAME AS A FULL BODY IN 1975. IT IS ACTIVELY INVOLVED IN OVERALL POWER SECTOR DEVELOPMENT OF INDIA AND IN MATTERS SUCH AS FORMULATION OF NATIONAL ELECTRICITY PLAN, INTEGRATED RESOURCE PLANNING SURVEY OF POWER DEMAND GROWTH, STATISTICAL COLLECTION AND PERFORMANCE ANALYSIS OF GENERATING UNITS, MONITORING FUEL SUPPLY ,R&D PROJECT INVESTIGATION AND APPRAISAL AND RENEWABLE ENERGY DEVELOPMENT.

REGULATOR-THE BIG BROTHERS, # VAJEER-E-ALAA.

CENTRAL ELECTRICITY REGULATORY COMMISSION C.E.R.C., ESTB BY 2003 ELECTRICITY ACT. CERC MAINLY DEALS WITH TARIFFS,MAINTAINING GRID CODES, LICENSING FOR INTERSTATE TRANSMISSION OF POWER AND SOME ADVISORY FUNCTIONS THE VARIOUS DIVISIONS IN CERC ARE ENGINEERING, LEGAL, FINANCE, REGULATORY AFFAIRS, ECONOMICS AND MIS.

POWER TRANSMISSION- CABLES BETTER THAN HAV/ELLS#TOUCH ME NOT.

POWERRGRID CORPORATION OF INDIA LTD, PGCIL IS CENTRAL UTILITY FOR INTERSTATE POWER TRANSMISSION, RESPONSIBLE FOR PLANNING, IMPLEMENTATION, OPERATION AND MAINTENANCE OF INTERSTATE TRANSMISSION SYSTEM. THERE ARE VARIOUS STATE AND PRIVATE UTILITIES TO TRANSMIT POWER WITHIN A STATE OR A REGION.

OPEN MARKET TRADER- FLIPKART OF ELECTRICITY.

INDIAN ENERGY EXCHANGE LIMITED, I.E.X. IS A LEADING PLATFORM FOR POWER TRADING, PROVIDING AUTOMATED PLATFORM FOR PHYSICAL DELIVERY OF ELECTRICITY,WİTH MORE THAN 4000 ELIGIBLE REGISTERED ENTITIES ACROSS 29 STATES AND 5 UNION TERRITORIES.THE OPEN EXCHANGE PLATFORM HAS PRODUCTS AS DAY AHEAD MARKET (DAM) AND TERM AHEAD MARKET (TAM) BENEFITTING A VARIETY OF POWER SELLERS AND PURCHASERS.

FINANCERS-THEY LEND, YOU SAIL#MONEY REALLY MATTERS.

RURAL ELECTIFICATION CORPORATION R.E.C. IS A NAVRATNA CPSU FOR INFRASTRUCTURE LENDING BY RAISING FUNDS THROUGH VARIOUS SOURCES WITH 22 YEARS OF EXPERTISE. IN LENDING FOR GEN, TRANS AND DISCOMS.SIMILARLY POWER FINANCE COMMISSION P.F.C. IS ALSO A NAVRATNA CPSE WITH LARGEST NON BANKING FINANCIAL CORPORATION AS A DOMINANT PLAYER IN POWER SECTOR FINANCING WITH 20%MARKET SHARE.

OPERATION-MENTORS AND WATCHDOG.

POSCO , POWER SYSTEM OPERATION CORPORATION LIMITED OPERATES NATIONAL LOAD DESPATCH CENTRE AT DELHI AND 5 REGIONAL LDC STRATEGICALLY ACROSS COUNTRY FOR REAL TIME INTEGRATED OPERATION OF NATIONAL POWERGRID IT FACILITATES TRANSFER OF ELECTRICITY WITHIN AND ACROSS REGIONS AND ALSO TRANS NATIONAL MODE. IT ALSO OBSERVES COMPLIANCE OF RULES, GUIDELINES AND STANDARDS TO BE FOLLOWED BY PARTICIPATING ENTITIES.

STATISTICS, THE NUMBER GAME

TOTAL INSTALLED POWER CAPACITY- 343899 MW, PRIVATE SECTOR 155,511 MW, 45.2%WE ARE LEADING !

TOTAL THERMAL POWER CAPACITY- 222693MW AS 64.8% OF TOTAL POWER

COAL BASED POWER PRODUCTION -196958 MW, 57.2% OF TOTAL POWER.

PLANT LOAD FACTOR OF THERMAL UNITS (2018-19)- CENTRAL 74.5, STATE 61.72, PRIVATE 56.2

ONCE UPON A TIME IN 2009-10, PLF CENTRAL 85.5 , STATE 70.9, PRIVATE 83.9

@DAYA KUCH TO GADBAD HAI @KYA SE KYA HO GAYAAAAAA@@

PEAK ENERGY DEMAND (2018-19)- 171973 MW, DEMAND MET 170765MW, DEFICIT 0.7%

@OTHODA AUR CHALEGAAA@

COAL (NON LIGNITE) MAINLY CONCENTRATED IN JHARKHAND, ODISHA, CHHATTISGARH, WEST BENGAL, MADHYA PRADESH, TELANGANA AND MAHARASHTRA. TOGETHER THESE STATES ACCOUNT FOR MORE THAN 98% RESERVES.

INDIA IS 3RD LARGEST POWER PRODUCER IN THE WORLD.

INDIA IS 4TH LARGEST POWER CONSUMER OF THE WORLD.

PER CAPITA CONSUMPTION- 1149kWh, ROUGHLY 33% OF GLOBAL AVERAGE.

Information Contributed by Rahul Kurmi
Assistant Manager Generation - O&M
# CEO’s Excellence Award on the Eve of 99th Year Celebration

<table>
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<tr>
<th>Sl. No.</th>
<th>Nomination Category</th>
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<tr>
<td>1</td>
<td>PILOT PROJECT - IOT’S (INTERNET OF THINGS)</td>
<td>MR. ARNAB CHATTOPADHYA (LEAD BY)</td>
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<td></td>
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<td>MR. SUDIP DUTTA</td>
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<td>MR. SANJAY BHATTACHARYA</td>
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<td>MR. SOMODEY BHATTACHARYYA</td>
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<td>MR. BHDHADITO MUKHERJEE</td>
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<td>MR. AJAY MAITY</td>
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<td>2</td>
<td>STRATEGIS BUSINESS UNIT - (SPS/LRS) - MAJOR CONTRIBUTOR TO SALES &amp; REVENUE</td>
<td>MR. SHEKHAR PAL (LEAD BY)</td>
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<td>MR. ABHISHEL ACHARJEE</td>
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<td>MR. PALAB BANERJEE</td>
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<td>MR. DEBJIT BANDOPADHYAY</td>
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<td>OTHER AWARDS FOR EXCELLENCE IN ROLE DELIVERY</td>
<td>MR. DILIP DAS - RIGHT OF WAY</td>
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<td>MR. SUBHENDU ROY - LAND SETTLEMENT</td>
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<td>MR. PRAKASH KARMAKAR - COMMERCIAL</td>
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<td>MR. KALLAL KONAR - GENERATION</td>
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<td>MR. MANAS BANERJEE - CIVIL PROJECTS &amp; ESTATE MANAGEMENT</td>
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