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URJASVINI

A quarterly Magazine of Bihar State Power (Holding) Company Ltd.





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Editorial

The July 2025 edition of Urjasvini captures the dynamic evolution of Bihar's Power Sector, where electricity is not just a utility but a thread weaving together innovation, empowerment, and sustainability. This issue reflects how the transformation of the energy landscape goes beyond infrastructure, by lighting up livelihoods, energizing agriculture, and shaping a brighter, greener & more inclusive future.

Every section of this edition marks a milestone in BSPHCL's journey towards becoming a technology driven and citizen-centric utility. From the seamless convenience offered by the SUVIDHA mobile application to the constant reassurance of the 1912 helpline & fuse call centers, from empowering consumers with affordable energy access to enabling Smart Meter Driven AI billing and a robust Omni-channel CRM for grievance redressals – BSPHCL is creating a transparent responsive and modern energy ecosystem.

Bihar's leadership in the power sector was prominently showcased at the Regional Power Ministers' Conference (Eastern Region) held in Patna on June 24, 2025. The state presented a progressive agenda that included battery energy storage systems, SCADA-based monitoring, pumped storage, and even the exploration of nuclear energy.

Further, cementing our commitment towards building a sustainable and clean energy future, Bihar Policy for Promotion of New and Renewable Energy Sources 2025 and the Bihar Policy for Promotion of Pumped Storage Project 2025 has been launched. These policies will provide investor friendly environment, promote the adoption of non-conventional sources of energy and contribute significantly to ensure long term energy security and sustainability for the state as well as for the society.

This edition also features the compelling story of a farmer from Bihar who transitioned from costly diesel pumps to electricity reporting significant savings and new opportunities in farming. In addition to powering homes and industries, BSPHCL continues to energize the spirit of teamwork and excellence through sports. Such achievements remind us that the strength of our organization lies not only in routine work, but also in the passion and potential of our people.

Finally, a vibrant gallery of images capturing achievements, moments & memories in the journey of electrification & bringing sustainability in Bihar is showcased. Complementing these visuals are verses penned by our beloved members of Urja Parivar. As Bihar continues its electrifying journey of progress, Urjasvini stands as a reflection of the spirit, dedication, and innovation driving us forward.

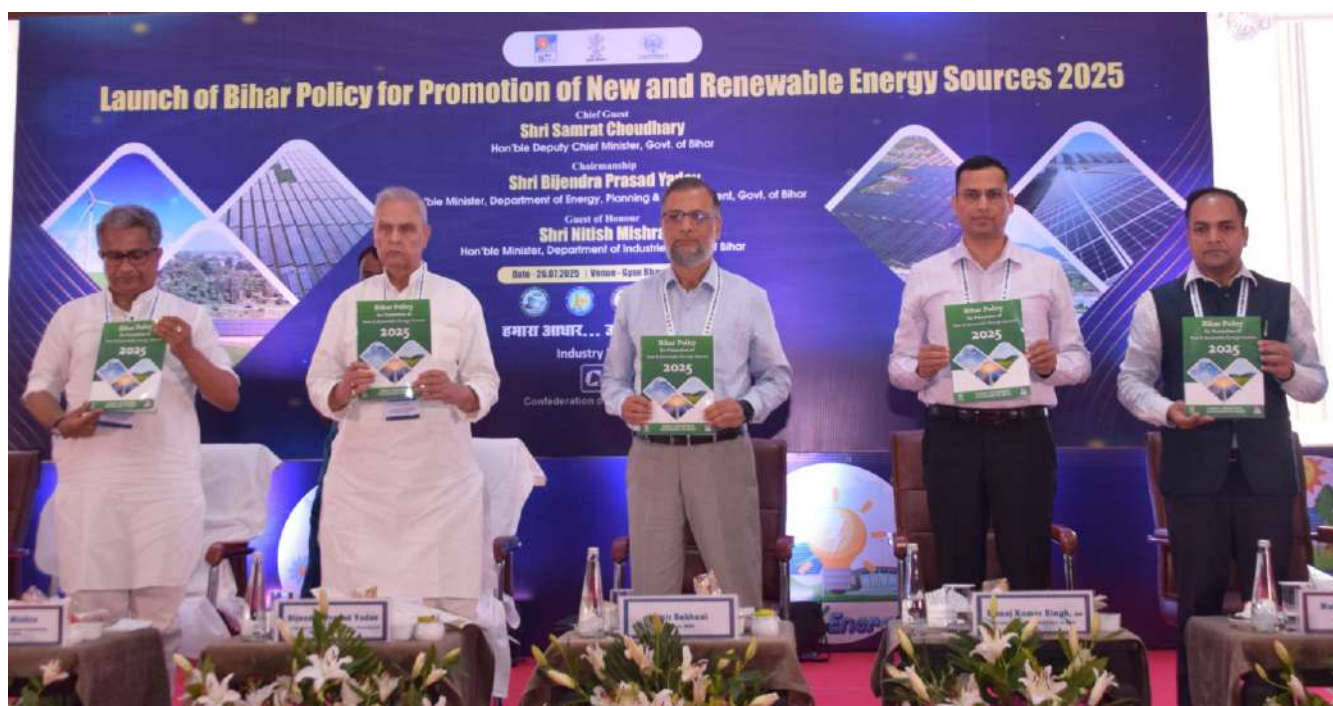




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Bihar's Green Leap : Turning Policy into Power



On 26th June 2025, Bihar made a remarkable move towards becoming India's next big renewable energy destination. In a landmark gathering at Gyan Bhawan, Patna, the State unveiled two transformative frameworks-the **Bihar Policy for Promotion of New & Renewable Energy Sources 2025** and the **Bihar Policy for Promotion of Pumped Storage Project 2025**.

The launch was no ordinary policy announcement. It brought together over 80 of the country's leading energy corporations, industry stalwarts, senior government leaders, and investors — signalling that Bihar is ready to convert its renewable potential into real capacity on the ground.

The event was graced by Hon'ble Energy Minister Shri Bijendra Prasad Yadav; Hon'ble Industries Minister Shri Nitish Mishra; BERC Chairman Shri Amir Subhani; ACS Industry Shri Mihir Kumar Singh; Energy Secretary Shri Manoj Kumar Singh, MD SBPDCL & BSPGCL Mahendra Kumar; Shri Kundan Kumar, Investment Commissioner; Shri Mukul Kumar, Director, Industry; Shri Aditya Prakash Singh, MNRE, industry partners Confederation of Indian Industry and Bihar Industries Association along with senior officials, industry leaders and investors.

Representatives from PSUs and leading Energy companies including SECI, NTPC Green, Power Finance Corporation, SJVN, NHPC, L&T, Adani Power, Tata Power,



Ashoka Buildcon, Avaada, IntelliSmart, EESL, PTC India, JSW Energy, GREENKO, THDC India Ltd, Secure Meters, Godrej Enterprises, Vikram Solar, Ernst & Young were also present.

Bihar's New & Renewable Energy Policy 2025-Investor-Ready, Future-Focused

The Bihar Renewable Energy Policy 2025 stands out as one of the most ambitious and investor-friendly frameworks in India. Built with a "fast-track, zero-barrier" approach, it offers:

Single Window Clearance - All approvals through BREDA within just 60 days, ensuring developers spend time building, not waiting.

Full Tax & Duty Relief -

- * **100% SGST reimbursement for 5 years** on all RE projects and EV

charging stations.

- * **Zero stamp duty and registration fees** on land purchases for RE use.
- * **100% reimbursement of land conversion charges** from agricultural to RE purposes.

Zero Electricity Duty for 15 Years - A major cost advantage for captive/open access RE projects within Bihar.

Long-Term Open Access - 25-year approval validity, automatically deemed approved if no response in 30 days.

Transmission Incentives -

- * **100% waiver on transmission & wheeling charges for 15 years** (20 years for RE+storage).
- * **State covers full cost of grid connection up to 10 km**; beyond that, costs are shared 50-50.

Market Certainty - Assured Must Run status, feed-in tariffs for projects under 5 MW, and year-round energy banking for captive/open access projects.

Revenue Security - Payment Security Mechanism with escrow, PDCs, and guarantees, plus Minimum Generation Compensation to protect against avoidable curtailments.

Industry Benefits - Deemed industry status, priority land allotment for RE manufacturing, retention of 100% carbon credit revenues and a dedicated 5% RE budget for R&D.

Revenue Protection : Payment Security Mechanism and Minimum Generation Compensation.

Industry Boost : Deemed industry status, priority land allotment, retention of carbon credits and 5% budget for R&D.

With a projected renewable demand of 23 GW by 2030, the policy ensures that every investor entering Bihar's RE space has both a ready market and a predictable return environment.

Pumped Storage Policy 2025 - The Key to Unlocking Renewable Potential

Complementing the RE Policy, the **Bihar Pumped Storage Policy 2025** addresses the critical challenge of renewable intermittency. By enabling large-scale energy storage, it ensures that Bihar can



deliver round-the-clock green power to industry, agriculture, and households.

Key enablers include:

- * **Fast Land Allocation** - Priority identification of non-forest land, with BIADA and district administrations instructed to expedite allocation.
- * **Single Window Approvals** - Same streamlined process as RE policy to avoid bureaucratic delays.
- * **Investor-Friendly Concessions** -
 - ✧ Full waiver on stamp duty and registration charges.
 - ✧ Exemption from water cess during reservoir filling.
 - ✧ No royalty power obligations and no contributions to the Local Area Development Fund.
 - ✧ Concessions on intra-state transmission charges.
- * **Private Sector Participation** - Encouragement of PPP models with clear risk-sharing.
- * **Local Employment Focus** - Skill training

and job creation for rural and semi-urban youth.

- ★ **Community Impact:** Job creation and skill development for local youth.

By integrating these measures, Bihar is positioning itself as a front-runner in India's long-term renewable storage strategy — a sector that will become increasingly critical as renewable penetration rises.

From Policy to Projects - Partnerships that Matter

The launch event wasn't just about vision - it saw the signing of high-impact MoUs that will translate policy intent into infrastructure and which change the renewable energy landscape in the state:

- ★ **BREDA & Avaada Group** - 1 GW of ground-mounted and floating solar projects.
- ★ **BSPGCL & SECI** - ₹3,000 crore floating solar and RE project partnership.



- ★ **BSPGCL & L&T** - ₹837.66 crore, 116 MW/241 MWh Battery Energy Storage System at Kajra, Lakhisarai.



- * **BSPGCL & NTPC Green - 1000 MW BESS** project with an investment of ₹1,500 crore.

These agreements are not isolated projects — they are the seeds of a renewable ecosystem that combines generation, storage and manufacturing.

The Road Ahead

Under visionary leadership of Hon'ble CM Shri Nitish Kumar and effective leadership of Hon'ble Minister Energy Shri Bijendra Prasad Yadav, Bihar is offering not just a policy but a comprehensive business environment — predictable regulations, guaranteed market demand, infrastructure support, and a government committed to partnership with a vision of creating clean and sustainable state.

As Energy Secretary, Shri Manoj Kumar Singh aptly put it: "Here, you will find policy stability, you will find support, and you will

find the opportunity to lead the energy revolution."

With clear incentives and strategic projects, Bihar is not only an emerging player in India's renewable energy storage, it is shaping up to be the stage on which some of its most ambitious chapters will be written.

Bihar is not merely keeping pace with the global clean energy movement — it is setting the pace. The journey ahead is one of innovation, collaboration, and inclusive growth. The foundation has been laid; now, it is time to build the clean future.

"23 GW of RE demand by 2030 - Bihar is ready. Are you?"

Supriya Sinha
AO, SBPDCL





REGIONAL POWER MINISTERS' CONFERENCE (EASTERN REGION)

Taj City Centre, Patna

24th June, 2025



Regional Power Ministers' Conference (Eastern Region) Bihar highlights key energy priorities

The Regional Power Ministers' Conference (Eastern Region) was held on June 24, 2025 at Taj City Centre, Patna under the chairmanship of Hon'ble Union Minister of Power, Shri Manohar Lal Khattar. The conference witnessed participation from Hon'ble Minister of State for New & Renewable Energy Shri Shripad Yesso Naik, Hon'ble Energy Minister of Bihar Shri Bijendra Prasad Yadav, Hon'ble Deputy Chief Minister of Odisha Shri KV Singh Deo, Hon'ble Minister from Jharkhand Shri Kumar Sudiwya, and senior officials from eastern states. The discussions focused on strengthening the power sector, accelerating reforms, and addressing region-specific issues.

Bihar presented several key proposals requiring Central support and intervention to enhance the state's power infrastructure. Among the major demands was the approval of Viability Gap Funding (VGF) for a 2000 MWh Battery Energy Storage System (BESS) project to support grid stability and renewable integration.

The state also sought approval of the revised Detailed Project Report worth Rs 617.73 crore for SCADA-based real-time monitoring of power substations located in Patna identified urban areas and rural regions. Implementation of this project will enable both DISCOMs to monitor all 33 kV and 11 kV feeders across Bihar from the central SCADA center in Patna, ensuring timely intervention and improved maintenance of power infrastructure.

Bihar requested immediate allocation of its 40.46% share (206 MW) of electricity from Bhutan's hydropower project, as notified by the Ministry of Power in December 2024 and June 2025, to be facilitated through NTPC Vidyut Vyapar Nigam.

Further, the state raised concerns over limited allocation of hydropower from central PSUs. Despite giving consent to procure 3,926 MW from projects operated by NHPC, SJVN, THDC and NEEPCO, Bihar currently receives only 159 MW. The state requested additional joint allocation of 1,426 MW from upcoming projects like Kala HE, Tato I and Arun III HEPs.

In line with the Union Budget 2025 announcement on indigenous SMR (Small Modular Reactor) development, Bihar requested to host at least one such nuclear project. NTPC teams have already surveyed potential sites in Banka (Badua Bagh) and in Siwan. The state highlighted its readiness to support nuclear power generation.

Bihar also stressed the need for accelerated progress on pumped storage projects. SJVN was designated as the nodal agency in August 2022 for determining Pump storage potential in Bihar.

Another important proposal included the islanding of Patna city through the Nabinagar Power Generating Station, which has been technically identified as suitable for the purpose. The estimated cost of the project is 9.79 crore and includes supply, construction, commissioning, and minor civil

works. Bihar requested that this be funded on priority through the Power System Development Fund (PSDF).

Additionally, the state requested that all expenditure related to system metering (covering 11 kV feeders and distribution transformers) under the RDSS guidelines be fully borne by REC.

The state received high praise at the conference for achieving 80% progress in smart prepaid metering for consumer connections under the RDSS, emerging as a national leader in implementation. Bihar's model was recognized as exemplary for other states, reflecting strong execution and policy commitment. Furthermore, the state has significantly reduced Aggregate Technical and Commercial losses, a sign of systemic efficiency.

The Union Ministry of Power acknowledged Bihar's proposals positively and assured full cooperation for implementation. The conference served as a critical platform to address region-specific power issues and reinforce Centre-State collaboration for energy reforms and development.





A new beginning towards Green Energy

On 04.06.2025, Sri Nitish Kumar the Chief Minister of Bihar inaugurated Bihar's First Solar Pilot Project alongside of Bikram Canal. Sri Vijay Kumar Chaudhary, Minister, WRD and Sri Bijendra Prasad Yadav, Minister, Energy Department, Bihar along with Senior Officials were present in the event.

This project is located on the banks of canal at Bikram Lock in Patna and has a capacity of 2 MW (AC). This initiative represents an important step in Bihar's journey towards green energy and highlights innovation and sustainable development. As a pilot project, the plant uses canal banks for solar panel installation, which allows efficient land use without affecting fertile agricultural land.

Besides generating clean and renewable electricity, this project will also reduce carbon emissions, save natural resources, and boost Bihar's role in India's renewable energy goals.

Additionally, detailed surveys and feasibility studies are being conducted at other canal bank sites all across Bihar to find potential sites for solar plant installation.

It shows Bihar's dedication to clean energy and reflects the Government's vision for a greener, energy-secure, and self-sufficient future.

Swati Priya
AEE, BSPGCL



BIHAR'S CONSUMER - LED POWER RESOLUTION

Lighting Lives, Not Just Homes - Bihar's Power Sector Turns Personal

From the bustling lanes of Patna to the remote hamlets of Kishanganj, electricity in Bihar is no longer just about lighting homes - it's about empowering lives. What once began as a mission to expand infrastructure has evolved into a bold, consumer-first transformation.

Today, electricity is more than a utility - it's a symbol of dignity, opportunity, and inclusion. Innovations like the SUVIDHA App, the 1912 helpline, Smart Prepaid Meters, and doorstep bill payment services have put power - both literal and symbolic - into the hands of citizens.

The guiding principle behind this transformation is clear: "Humara Aadhaar, Urjaswit Bihar." More than a slogan, it reflects a deep commitment to ensuring every consumer feels seen, heard, and served.

What sets Bihar's power journey apart is its thoughtful design - where technology meets trust, and service is delivered with sensitivity. Power utilities are no longer just providers; they are partners in public service and citizen progress.

This article traces that journey—from kilowatts to consumer dignity, from resolving complaints to building community trust. As Bihar Discoms ahead, it does so not just with megawatts, but with mindsets—anchored in empathy, driven by innovation, and inspired by the people it serves.

The Journey So Far : Laying the Foundations for a Consumer-First Ecosystem

Following years of electrification and infrastructure growth, Bihar's power sector has shifted focus toward consumer-centric transformation. The emphasis is no longer just on delivering electricity—but on delivering responsive, inclusive, and trust-driven services.

By integrating empathy into operations and leveraging digital tools for everyday engagement, the state has laid the groundwork for a power ecosystem that is not just reliable - but relatable. From grievance redressal systems to app-based support and proactive communication, the evolution is now centered on enabling citizens as true partners in progress.

Tariff Subsidy Support : Empowering Every Consumer with Affordable Energy

True consumer-centric governance ensures that affordability is never a barrier to access. In a state where agriculture is the backbone and household incomes vary widely, the Government of Bihar has adopted a progressive subsidy framework—ensuring electricity remains accessible and affordable across all consumer categories.

Most recently, under the Mukhyamantri Vidyut Upbhokta Sahayata Yojana, the state has announced 125 units of free electricity per month for all domestic consumers, directly benefitting over 1.89

crore households. Consumers using up to 125 units will pay nothing, while those exceeding the limit will continue to enjoy the earlier subsidy framework on the balance consumption.

For non-domestic categories, the government continues to provide substantial tariff support.. For instance, an agricultural consumer pays only 0.55 per unit against the actual cost of 6.74, reflecting a 92% subsidy and highlighting Bihar's strong commitment to its farmers. Small businesses, EV charging stations, and even commercial/industrial consumers also benefit from partial subsidies, ensuring competitiveness and affordability across the economy.

This is more than economic policy-it is a social equity enabler, ensuring energy access remains affordable, inclusive, and empowering across every economic tier.

SUVIDHA App : Bringing Services to Consumers' Fingertips

The launch of the SUVIDHA mobile application marked a digital revolution in the way consumers interacted with the power sector. Previously, applying for a new connection was a cumbersome process riddled with paperwork and delays. SUVIDHA transformed this experience by offering a paperless, time-saving alternative. Today, the app empowers consumers to apply for new connections, view and pay bills, register complaints, and report electricity theft - all from their mobile devices. With more than five million consumers onboarded through this initiative, SUVIDHA has become an essential driver of universal electrification in Bihar and a testament to consumer empowerment through technology.

Real-Time Outage Management: Transparency in Every Power Interruption

In a pioneering step toward proactive communication, Bihar DISCOMs have introduced a robust Outage Management System within the SUVIDHA app - empowering field officials like SBOs, AEEs, and JEEs to log scheduled and unscheduled outages in real time. Once an outage is reported, automated SMS alerts are instantly sent to all consumers connected to the affected feeder, minimizing uncertainty and ensuring timely awareness. This system marks a shift from reactive complaint handling to proactive service transparency, reinforcing trust and respect in every power interruption. By putting information directly in the hands of consumers—even before a disruption is felt - Bihar DISCOMs continue to redefine reliability not just as uptime, but as openness.

1912 Helpline and Fuse Call Centers : 24x7 Multi-Channel Support for Every Consumer

One of the earliest and most transformative initiatives by DISCOMs to bridge the service gap was the introduction of the 1912 toll-free helpline. This 24x7 centralized service enables consumers across Bihar to report issues such as billing discrepancies, power outages, or voltage fluctuations - without visiting a DISCOM office.

In parallel, division-level Fuse Call Centers operate round-the-clock (24x7) across all supply circles. These centers ensure immediate, localized action - particularly for fuse-off and no-power complaints -

allowing consumers to reach nearby technical teams for swift redressal. To further enhance accessibility and real-time communication, contact details of all Fuse Call Centers are available on the official websites of NBPDC and SBPDCL.

In addition, regular updates and outage - related information are proactively shared on DISCOMs' official social media handles - ensuring transparency, timely alerts, and a two-way dialogue with consumers.

The Consumer Grievance Redressal Forum : Every Voice Counts

True consumer service is incomplete without a robust mechanism for dispute resolution. To that end, DISCOMs established Consumer Grievance Redressal Forums (CGRFs) across all electric supply circles in the state. These forums provide a structured platform for consumers to present their concerns and receive fair and timely resolutions. To further strengthen this effort, bill correction camps are held periodically at the block level, offering consumers the opportunity to get billing discrepancies addressed on the spot.

Bill Payment Made Easy : Doorstep Collection and Multiple Payment Options

To ensure payment convenience across all demographics, especially in rural Bihar, DISCOMs introduced a doorstep bill collection service. Equipped with mobile POS devices, over 10,000 Meter Readers and Rural Revenue Franchises (RRFs) now visit consumers directly at their homes to collect payments. This service has removed barriers such as travel costs and long queues at payment centers, making timely payments much easier. Alongside this, consumers now enjoy access to multiple

digital payment options, including online portals, mobile wallets, POS terminals, and bank-integrated solutions. This dual approach of physical and digital convenience has significantly improved payment compliance and boosted revenue collection efficiency.

बिजली से संबंधित समस्याओं के लिए कॉल करें

Begusarai

Circle

FUSE CALL CENTRE

CIRCLE	SUB DIVISION	SECTION	PSS	Block/ Address	MOBILE NUMBER OF DIVISIONAL FUSE CALL CENTRE (DCC)	MOBILE NUMBER OF PSS FUSE CALL CENTRE
Regusarai	Barauni	Barauni(U)	Bagrahadih	Barauni, Near N.H-26, Bagrahadih	9268454420	7761815596
Regusarai	Barauni	Barauni(E)	Simara	Near Gupta Bhandli, Simara	9268454420	9064838946
Regusarai	Barauni	Tibeth	Deoria	Industrial Area, Deoria	9268454420	7761815596
Regusarai	Barauni	Bihari	Joranda	Near Barauni Block	9268454420	7368802517
Regusarai	Barauni	Bihari	Mitapur	Beside N.H. Plant	9268454420	6287959684
Regusarai	Barauni	Bihari	Chakia	CHE & T.P.S.	9268454420	9064838946

Toll Free Helpline Number: 1912

@SEVA_NBPDC

ATTENTION PLEASE!

आज PESU(E) के कुछ इलाकों में रखरखाव के कार्य हेतु बिजली की आपूर्ति बाधित रहेगी

11 KV FEEDER	POWER SUB STATION	TIMING/ DURATION	AFFECTED AREA
11 KV BNR	RMC	12:00 TO 15:00	BNR ROAD, CHAUDHARY TOLA, AZAD NAGAR, SHISHI MAHAL, TEKARI ROAD, KALI GHAT, KARAYAN, BABU KI GALLI
11 KV SANICHERA FEEDER	PANCHSEEL	12:00 TO 15:00	BANIWARI CHOWK, KARSALA, DARGAH ROAD, KATRA, MANDAI, PEM MORE, MEWA, SAW LANE, MAJAR LANE, MISRI TOLA

@SEVA_SBPDC

Incentives that empower

To encourage prompt payments and digital adoption, Bihar DISCOMs have rolled out a series of incentives and rebates. These include discounts for early bill payments, special rebates for consumers using Smart Pre-paid Meters. Rural consumers also benefit from targeted rebates, helping ease financial strain and promote consistent bill settlement. Additionally, interest is offered on advance payments for Smart Meter users. These strategies have proven effective in improving collection rates while simultaneously promoting a positive and proactive relationship with consumers.

Integrated Outreach : Bridging the Last Mile with Information and Dialogue

Effective communication is the cornerstone of consumer trust and Bihar's power utilities have made it a strategic priority. Through one of India's most inclusive and multilingual IEC (Information, Education & Communication) campaigns, DISCOMs have ensured that every consumer - from urban Patna to rural Purnia - is informed, included, and engaged.

From door-to-door counselling, LED vans, posters, and nukkad nataks to selfie points and special camps at block headquarters, every touchpoint is designed to make power sector reforms relatable and participatory. These initiatives demystify digital payments, explain Smart Meter usage, and provide on-the-spot service guidance.

This physical outreach is amplified by a strong digital presence. DISCOMs now use

social media platforms like Twitter, Facebook, and LinkedIn as dynamic channels for real-time, two-way dialogue - where consumers can raise issues and receive timely responses. SMS alerts and automated calls keep consumers updated about outages, safety tips, and maintenance schedules. Seasonal advisories and cyber safety messages are also routinely shared.

State-sponsored newspaper ads and press releases further widen the outreach - spreading awareness about central and state schemes, subsidy benefits, connection procedures, and grievance redressal tools. Together, this multi-channel communication model has turned Bihar's energy consumers from passive recipients to active stakeholders - replacing hesitation with confidence, and skepticism with trust.



Smart Metering & Billing Innovations : A Consumer-First Model Recognized Nationally

Bihar DISCOMs have implemented over 71 lakh smart meters, transforming electricity consumption from a provider-driven process into a consumer-controlled experience. These prepaid meters enable households to monitor usage in real time, recharge on demand, and avoid billing disputes-offering flexibility, transparency, and financial control even in rural areas.

To ensure fair billing for consumers still using conventional meters, Bihar pioneered AI-powered spot billing using OCR technology. Field staff capture meter photos, and AI extracts readings instantly-eliminating manual entry errors across more than 2 Crore connections. This transition technology ensures accurate, dignified billing until universal smart metering is achieved.

Recognizing that consumer trust is key, Bihar DISCOMs backed these innovations with one of India's largest IEC campaigns—from doorstep demos and wall paintings to SUVIDHA app helpdesks and regional SMS alerts. These efforts ensured deep rural adoption despite low digital literacy.

Bihar's model is now attracting national attention. Delegations from Gujarat, Kerala, and other states have studied its approach, making it a replicable blueprint of smart governance - not just for meter rollout, but for building trust and transparency at scale.



CRM and Integrated Grievance Redressal System

Bihar DISCOMs are now steering toward the implementation of an Omni-channel CRM (Customer Relationship Management) system - an advanced, integrated approach that unifies complaint tracking across platforms. Whether a consumer calls the helpline (1912), registers an issue via the SUVIDHA app, visits the official website, or engages through social media, every grievance is captured in a centralized dashboard.

This upcoming system promises real-time ticket tracking for consumers and live field-level monitoring for management. It marks a leap in grievance redressal maturity - creating a single source of truth and enhancing transparency, accountability, and efficiency in resolving consumer complaints.

Exemplary Consumer Satisfaction Initiatives

To assess the efficacy of its service delivery and consumer outreach, DISCOMs conducted an extensive consumer

satisfaction survey across all 38 districts of Bihar. The survey evaluated parameters such as supply duration, billing transparency, and complaint resolution quality. The results were overwhelmingly positive, with 97% of consumers expressing satisfaction with their service experience. This not only highlights the success of the various initiatives undertaken but also reaffirms the trust that consumers place in their power providers.

Recognition of Excellence : **National Ratings Validate Bihar's Consumer - Centric Reforms**

Bihar's DISCOMs - NBPDCCL and SBPDCL - are now receiving national acclaim for their consumer-focused reforms and improved service delivery.

In the latest Consumer Service Rating of DISCOMs (CSR) by the Ministry of Power (FY 2023-24), NBPDCCL earned an overall 'A' grade, with an exceptional 'A+' in Operational Reliability - reflecting major strides in uptime, transformer performance, and timely outage communication. It also secured an 'A' in grievance redressal thanks to SMS alerts and fast complaint resolution. SBPDCL, covering key urban areas including Patna, received a 'B+' overall, but excelled with an 'A+' in grievance redressal, backed by 24x7 helplines and efficient complaint escalation systems.

Further validation came from the Distribution Utility Rankings (DUR) by NITI Aayog and PFC, where NBPDCCL ranked in the top national quartile, highlighting operational efficiency and a rising consumer satisfaction curve. SBPDCL too registered gains, attributed to its

growing smart meter base and active outreach.

Together, these recognitions show that Bihar's power reforms are not just about infrastructure-but about transforming consumer experience: from SUVIDHA app adoption to AI-powered billing, SMS alerts, and grievance camps. These ratings mark Bihar's rise as a national model in utility modernization and public trust.

Way Forward: Imagining the Next Chapter in Bihar's Power Reforms

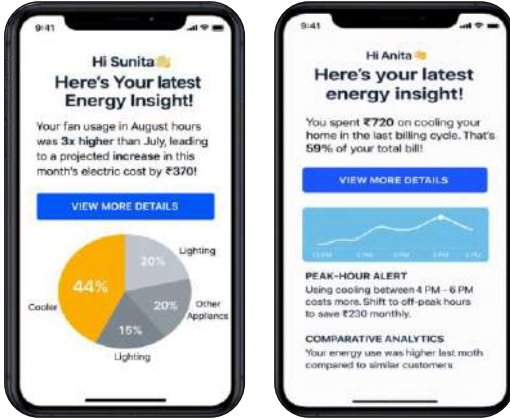
As Bihar's power sector transitions from infrastructure-driven growth to service-led transformation, the time is ripe to reimagine what consumer-centric utilities can look like. While the past decade focused on electrification and addressing basic grievances, the next frontier lies in personalization, proactive engagement, and smart digital innovation.

This section proposes forward-looking ideas—not yet implemented, but inspired by best practices across India and globally—that could meaningfully elevate the consumer experience. These are suggestions grounded in Bihar's unique context and aspirations. If explored and adapted, they have the potential to shape Bihar Power sector next chapter—where trust, convenience, and transparency are not just outcomes, but design principles.

Hyper-Personalized Energy Advisories (Inspired by Tata Power-DDL, Delhi)

Using AI/ML, consumers can receive personalized insights via the SUVIDHA app or AMISPs APPs-suggesting energy-saving tips, sending peak-hour alerts, and offering comparative usage analytics. This not only encourages smart consumption, but also

builds a culture of energy awareness among urban and semi-urban households.

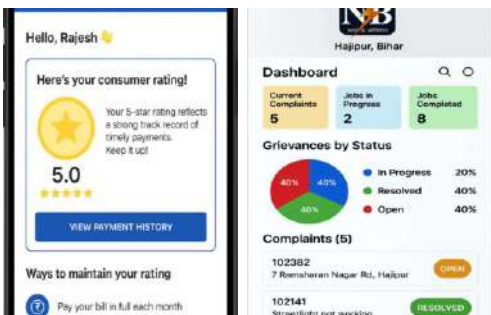


Digital Star Ratings for Consumers (Inspired by Meralco, Philippines)

Just as e-commerce platforms rate buyers, DISCOMs can reflect a consumer's payment discipline through star ratings in the SUVIDHA app. This recognition encourages timely payments and builds accountability—making electricity usage a part of the digital lifestyle.

Mobile Grievance App for Linemen (Inspired by Adani Electricity Mumbai Ltd.)

A GPS-enabled mobile app for field staff can auto-assign complaints, capture photo/video proof of resolution, and close tickets in real-time. Consumers get updates on complaint status, while officers track on-ground SLAs—improving grievance closure speed and transparency.



Good Consumer Recognition and Awards (NBPDC Pilot, 2025)

Building on a successful pilot, DISCOMs can institutionalize quarterly "Good Consumer Lists", certificate awards for consistent payers, and public displays at division offices. What begins as a bill ends up as a badge of honor, fostering financial responsibility and rural peer motivation.



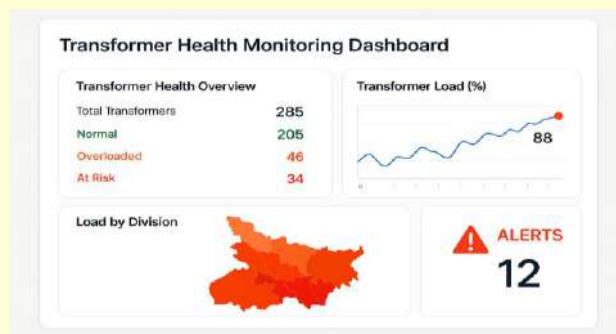
Scaling Up Inclusive Grievance Channels

With the integration of voicebot and chatbot channels (including WhatsApp, SMS, and social media) already underway via the Complaint Handling System (CHS) in CRM, the focus ahead is on enhancing multilingual support, improving IVR intelligence, and ensuring real-time SLA tracking for each ticket. This deepens accessibility across age, literacy, and device barriers—bringing grievance redressal closer to every citizen.

Transformer Health Monitoring Dashboard (Inspired by Taiwan Power Company)

IoT sensors and smart alerts on Distribution Transformers (DTs) can

provide division-wise heatmaps of overloads or imminent failures. This allows preemptive action and reduces outage frequency—especially critical in high-density zones like Patna, Gaya, and Muzaffarpur.



Energy Literacy on Wheels (Inspired by UPPCL's "Urja Rath" Model)

Building on occasional IEC van deployments in Bihar, DISCOMs can scale this into a structured, recurring campaign using Mobile Energy Awareness Vans. These vans—equipped with smart meter demos, bill payment tutorials, safety messages, and conservation videos—can regularly tour villages, panchayats, block Hqs.

The initiative, inspired by UPPCL's "Urja Rath" model, aims to make energy literacy accessible and visual, using local languages and relatable formats. By making these vans a recurring channel of consumer education, DISCOMs can drive digital adoption, demystify smart metering, and build trust—especially in rural and semi-urban communities.

Conclusion : From Consumers to Co-Creators-Bihar's Power Sector Reimagined

Bihar's power sector has turned a decisive corner in public service delivery. What began as a drive toward electrification has

evolved into a mission rooted in empowerment, dignity and digital inclusion. Electricity in Bihar is no longer just supplied—it is delivered as a responsive service, shaped by the lived experiences of over two crore consumers.

With innovations like the SUVIDHA app, smart meters, AI-driven billing, and an omni-channel CRM system, DISCOMs have created a tech-enabled, transparent, and citizen-focused ecosystem. From a farmer in Darbhanga checking a prepaid balance to a homemaker in Araria resolving complaints with a single call—power in Bihar now comes with accountability and ease.

This transformation is earning national attention. High rankings in CSRD and DUR aren't just accolades—they validate a shift from infrastructure-led delivery to trust-driven service. But beyond rankings, the real measure of success lies in growing consumer confidence and the systems designed to listen, respond, and evolve.

The road ahead is ambitious. With a forward-looking vision—featuring AI-powered insights, transformer health dashboards, digital star ratings, and mobile awareness vans—Bihar is ready to move from service provision to personalized engagement.

In this reimagined energy future, the consumer is no longer a recipient—but a co-creator of progress. And as BSPHCL leads this transformation, its guiding mantra, "Humara Aadhaar, Urjasvit Bihar," is no longer just a slogan—it is a lived reality, where every citizen is informed, respected, and empowered.

Siddhartha Vardhan

Senior Manager (Revenue), NBPDC



The news of record-breaking temperatures, heat waves, urban floods and forest fires has become common since last few years. As a result, Climate change becomes one of the most pressing challenges of the 21st century. Driven primarily by human activities, especially the burning of fossil fuels, deforestation, and large-scale agriculture; climate change is leading to global warming, melting of glaciers, rising sea levels, extreme weather events and biodiversity loss. Addressing this crisis requires immediate government interventions, strong policies, international cooperation, sustainable development practices, and also mindful and active participation at individual level.

In this regard United Nations' Sustainable Development Goals (SDGs) offer a blueprint for a better and sustainable future. **Goal 13 of SDG : Climate Action** focuses on taking urgent action to combat climate change and its impacts. The Paris Agreement directly contributes to **SDG 13 (Climate Action)** by aiming to limit global temperature rise to 1.5° C above pre industrial times and encourage climate resilience. The agreement also supports other SDGs, such as **SDG 7 (Affordable and Clean Energy)** by focusing on promoting renewable energy and low-carbon technologies.

As we know Energy production and consumption are deeply intertwined with environmental health. Fossil fuels such as coal, oil and natural gas have been the primary sources of energy for over a century. Although they have powered progress, their environmental cost is immense. Greenhouse gases including carbon dioxide (CO₂) and methane are emitted during the extraction and burning of fossil fuels. Hence, energy sector becomes responsible for a significant portion of global greenhouse gas emissions. International Energy Agency (IEA) reported that energy-related CO₂ emissions make up around 75% of global emissions. If we continue on this trajectory, we are pushing our planet past the tipping point for irreversible climate change. Also, we must not forget that to limit global warming to 1.5°C, greenhouse gas emissions must decline 43% by 2030.

Hence, the transition to clean and renewable energy has become a global priority. Energy Transition from fossil fuel based production like Coal, Oil and Natural Gas to non-fossil fuel energy sources like solar, wind, hydro and bio-energy should be the initial step in leading towards sustainable development and decarbonisation of energy sector. This transition is needed not just to accelerate sustainable development or economic progress but also to cut down the emissions that is causing global warming.

Recognizing the urgency, the Government of India has taken several significant steps in this regard :

- * **Ambitious Emission Reduction Targets** : India in COP 26 has committed to achieve net-zero emissions by 2070. Also, by 2030 the country aims to meet 50% of its energy requirements from renewable sources, reduce its total projected carbon emissions by one billion tonnes, and reduce the carbon intensity of its economy by more than 45% over 2005 levels.
- * Government is actively promoting **Carbon Capture Utilization and Storage (CCUS)** technologies which is focused on reducing greenhouse gas emissions by capturing carbon dioxide from industrial sources and either utilizing it in various applications or storing it underground. This initiative is extremely important to achieve the climate goals, especially net-zero emissions by 2070.
- * **Renewable Energy Revolution** : India is the world's third-largest renewable energy producer and is aggressively expanding its capacity and is committed to integrate 500 GW of renewable energy capacity into its grid by 2030, which is in alignment with COP 26 targets.

- * Initiatives like the International Solar Alliance (ISA), promote the efficient utilization of solar energy. The concept of One Sun One World One Grid (OSOWOG) initiative was also put forth by India at the First Assembly of ISA in October 2018. It aims to develop a transnational grid that will be laid all over the globe to transport the solar power generated across the globe to different load centres. It aims at providing power to about 140 countries through a common grid that will ensure the transfer of clean and efficient solar power.
- * **National Solar Mission** aims for significant solar capacity, while the **National Green Hydrogen Mission** supports the development of clean hydrogen. **PM-Surya Ghar Muft Bijli Yojana** empowers households to produce their own solar energy. Development of largest **Solar Parks with Battery Storage Systems** at different parts of the country. **Promoting Electric Mobility**, The **FAME India Scheme** (Faster Adoption and Manufacturing of Hybrid and Electric Vehicles) provides incentives for electric vehicles and charging infrastructure, reducing vehicular emissions and reliance on fossil fuels.
- * **Energy Conservation (Amendment) Act, 2022**, is a crucial step taken by Govt towards India's decarbonization goals, focusing on creating a framework for a domestic carbon market and promoting the widespread clean energy adoption of non-fossil energy across various sectors, directly supporting India's commitments made during COP-26.
- * Furthermore, the existing Energy Conservation Code for commercial buildings has been upgraded to an "Energy Conservation and Sustainable Building Code," expanding its scope to include large residential buildings and incorporating requirements for renewable energy integration.
- * **Switching to greener modes of transportation** : Building Eastern Dedicated Freight Corridor, a freight-only railway track where each electrified train will replace between 90 to 120 trucks, reducing fossil fuel consumption and lowering emissions, while improving logistics services.

All these initiatives have led India in becoming 4th best performing country on climate change and best amongst G-20 countries as per Climate change performance index 2024.

While government initiatives are crucial, the fight against climate change also depends on widespread adoption of sustainable practices at individual, community and industrial levels.

Some of the common practices that can be adopted by individuals are Energy Conservation by using energy efficient appliances (such as using BEE 5- star rated equipments, preferring Inverter ACs and BLDC Fans over regular fans, switching to LEDs and smart sensors/switches, adopting renewable energy), use of Sustainable and Public Transportation, afforestation drives, reducing the use of single-use plastics, Waste Management, and Conscious Consumption and other practices to be followed to reduce our carbon footprint. Hence, adopting both mitigation as well as adaptation methods is essential to achieve this target soon, as tackling emissions and building resilience must go hand in hand.

We must not forget that our greatest contribution to sustainable development and climate correction isn't just adopting solar, renewable energy or electric vehicles but also limiting and reducing our consumption because the Earth and its resources are finite and not growing with time, technology or economy.

We need to realize that Environment degradation and climate change isn't tomorrow's problem but today's crisis. Therefore we need to come together and **ACT NOW**.

Manjusha soni
AEE, BSPHCL





Environment Protection in the Power Sector

A Global to Local Perspective

Introduction

The power sector is a backbone of economic development, enabling industries, infrastructure, and modern living. However, it also poses significant threats to the environment. The generation of electricity—particularly from fossil fuels—contributes heavily to greenhouse gas (GHG) emissions, air and water pollution, deforestation, and land degradation. In the face of the growing climate crisis, safeguarding the environment through sustainable energy practices is now an urgent global priority.



Bihar's efforts in Environmental Protection and Clean Power

The state government is rapidly advancing toward environmental protection, sustainable energy supply and energy self-reliance. Priority is being given to new and renewable sources of energy, particularly solar power.

Various initiatives are underway to make Bihar self-sufficient in green energy. A total of 180 megawatts of large-scale solar power projects have already been installed across different districts of the state and are now connected to the grid. Innovative floating solar plants, based on the concept of "Niche Machhli Upar Bijli," have been successfully constructed in Darbhanga (1.6 MW) and Supaul (525 kW). These plants, set up on reservoirs, are excellent models for power generation in areas facing land constraints. Additionally, a 10 MW floating solar project is under construction in Phulwaria (Nawada).

Efforts are being made to promote rooftop solar power on both government and private buildings. Rooftop solar plants with a combined capacity of 107 MW have been installed on 11,762 government buildings. In the residential sector, 6,663 private homes have been equipped with rooftop solar systems totaling 25 MW of capacity.

To ensure illumination and safety in rural areas, the Mukhyamantri Solar Street Light Scheme is being implemented across all panchayats in the state. So far, around 700,000 solar street lights have been installed at public locations.

In terms of district-level projects, a major solar power plant of 185 MW is under construction in Kajra, Lakhisarai district. This plant will also house a 254 MWh battery energy storage system, making it one of the largest such projects in India. In the same region, work has begun on another solar project of 116 MW capacity, accompanied by a 241 MWh battery energy storage system.

In the Patna district, a 2 MW solar project is being set up in the Bikram block. For agricultural consumers, the PM-KUSUM scheme is being actively implemented to provide farmers with low-cost daytime electricity by solarizing the agricultural feeders. This will reduce reliance on diesel, lower costs, and boost farmers' income.

Solar energy is also being promoted at religious and tourist destinations. Under the Bodhgaya project, solar power plants are being installed at religious places including temples, monasteries, and tourist spots.

The state is focusing on battery energy storage systems to enhance reliability. Under a 500 MWh storage initiative, batteries with a capacity of 125 MW will be installed with 4 hours of storage capability.

In addition, preparations are underway to implement the Bihar Pumped Storage Policy.

Once enacted, this policy will not only encourage the generation of clean and renewable energy but also enhance energy storage capabilities through pumped storage technology. It will help ensure uninterrupted power supply during peak demand periods.

Given the growing number of renewable energy projects, the state will soon pass a comprehensive Renewable Energy Policy. This policy aims to promote the generation, conservation, and storage of renewable energy sources. As part of the Renewable Purchase Obligation (RPO), both power distribution companies in the state are required to procure a specified percentage of their total electricity from renewable sources.

This policy aims to achieve the state's RPO target of 43.33% over the next five years, a goal already set by the Ministry of Power and the Bihar Electricity Regulatory Commission. Additionally, it has been designed to meet the increasing energy demand in Bihar, as outlined in the Resource Adequacy Plan prepared by the Central Electricity Authority (CEA).

Several government schemes are being implemented under this strategy, including the Jal-Jeevan-Hariyali Mission, the Hybrid Annuity Model, the PM Surya Ghar Scheme, and the PM-KUSUM Scheme.

Rahul Kumar
ITM, BSPTCL





Scorching Summers Scorching Loads

In recent years, the infrastructure for power transmission and distribution in Bihar has witnessed unprecedented development. As a result, the electricity demand has risen from around 1,000 MW to over 8,000 MW in the past 15 years. Similarly, per capita electricity consumption has increased from 70 units to 363 units. A key reason for this rise is our growing dependence on electricity—especially in the summer months, when refrigerators and air conditioners significantly increase consumption. Earlier, this trend was mostly seen in urban areas, but now even villages are showing similar patterns.

Year after year, the temperature keeps climbing—and so does our electricity bill. The gases used in refrigerators and ACs are harmful to the environment and contribute to rising temperatures. To combat the heat, more people install ACs, thus creating a vicious cycle—one that may be pushing us not only toward ecological imbalance but potentially toward environmental destruction. We must seek solutions within nature, because the day nature decides to solve

the problem itself, the result could be catastrophic.

The year 2024–2025 has set records in both temperature and electricity consumption in Bihar. There is an interdependent relationship between the two—consumption increases with rising temperatures. Year after year, both continue to break their own records.

While frustration over power outages during intense heat is understandable, it's equally true that during this very heat, our linemen and field staff work tirelessly, day and night to fix faults. Most consumers do not face frequent outages—otherwise, such consumption records wouldn't be possible. However, those who do face faults may feel that “nothing is working,” which isn't the reality. In fact, as new records of consumption are set, new problems emerge, and our teams continue to evolve and respond with solutions—just like Darwin's theory of evolution.

But the solution to our problems and to restoring environmental balance lies in one direction. If we could reduce the use of ACs, not only we would see a reduction in peak load, but people will also save money, and most importantly, we could protect the environment.

In Bihar, the largest portion of electricity consumption is for cooling loads. It's evident that people spend a substantial amount on keeping their homes and offices cool. Some also use heaters in winter, but their impact isn't as significant as that of cooling appliances. Most people use ACs, which simply push the heat outside. Over time, due to the expansion of concrete jungles and the rise in AC use, heat has become far more intense. So what is the solution? Is there any way to maintain a comfortable indoor temperature using less electricity?

If we could do that, it would save a great amount of energy, which could be used elsewhere. It would reduce the expenses of power distribution companies, lower people's electricity bills, and ensure more reliable supply.

Geothermal Cooling

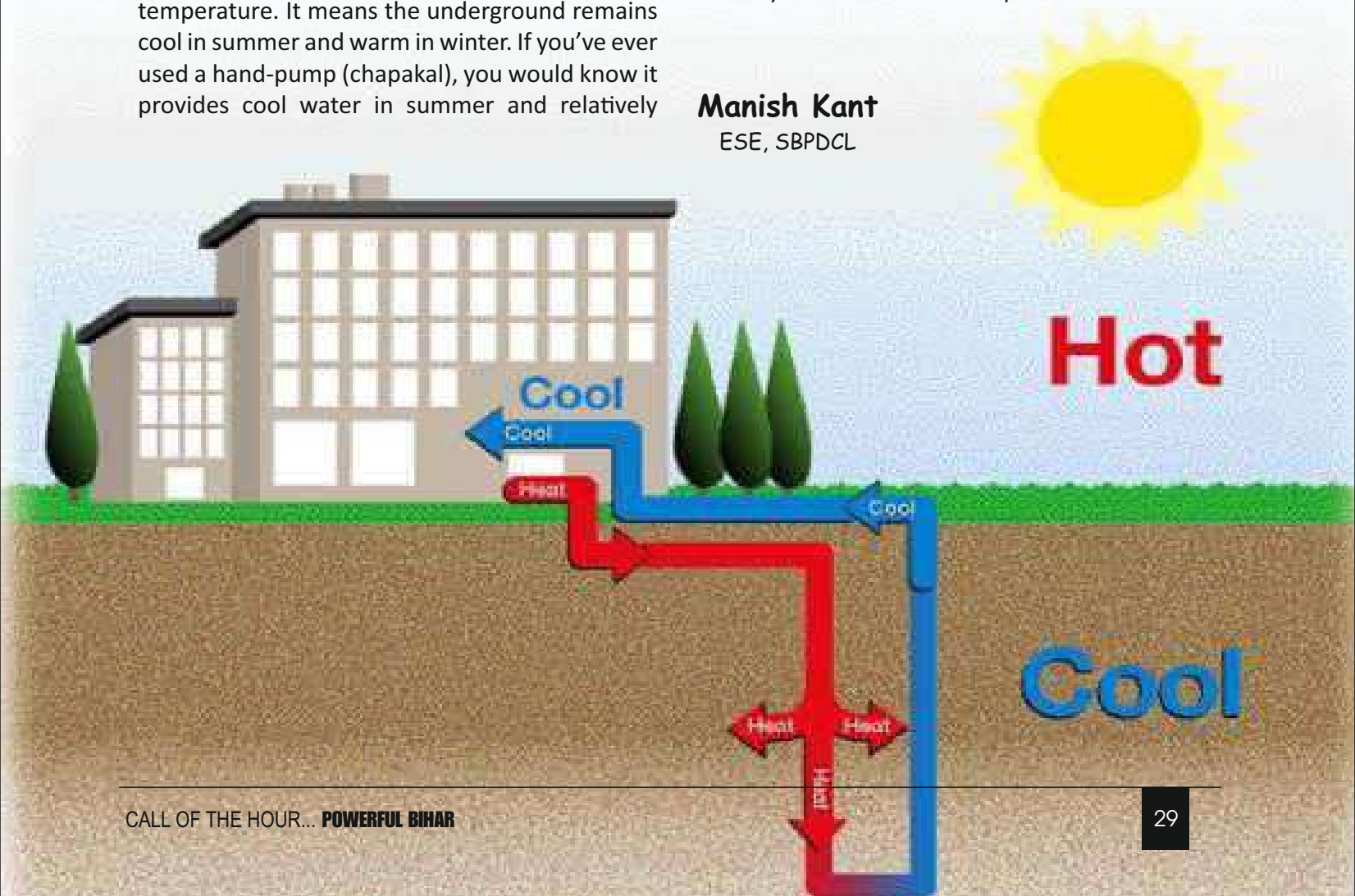
Just 30 to 35 feet beneath the earth's surface, the temperature remains constant at around 24–25°C. This is known as a stable or uniform temperature. It means the underground remains cool in summer and warm in winter. If you've ever used a hand-pump (chapakal), you would know it provides cool water in summer and relatively

warm water in winter. So, how can this principle be used while building a house?

If, during construction, a U-shaped pipe is laid underground in such a way that air from the outside is drawn in through one end using a fan, and this air is then directed inside the house through ducts fitted with air filters, it would help maintain indoor temperature. The air, after passing through the underground pipe, would cool down in summer and warm up in winter. This way, not only would fresh air circulate throughout the house, but the indoor temperature would remain relatively stable. It might not give the exact chill of an AC, but it would definitely offer significant natural comfort without harming the environment.

Additionally, fresh air and proper ventilation in the house can help prevent many illnesses. This system also requires minimal maintenance. So, with this setup, you get lower electricity bills, fresh air, better health, and it's completely eco-friendly. A solution with multiple benefits!

Manish Kant
ESE, SBPDCL





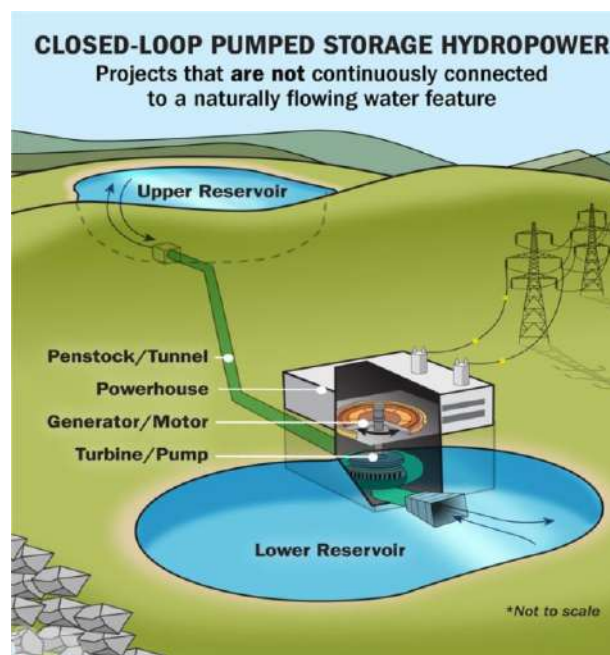
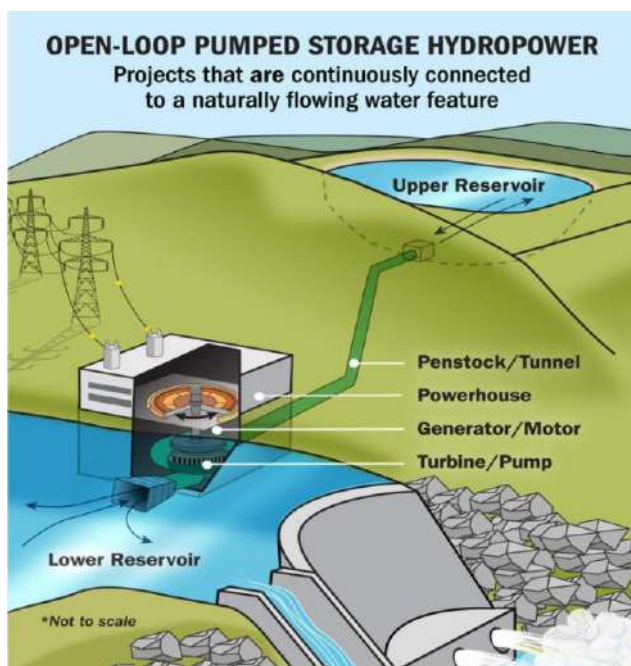
Pumped Storage Projects (PSP) :

Bihar's Strategic Leap into Energy Innovation

As India advances toward a sustainable energy future, the need for a smart and reliable energy backup-one that offers flexibility and aligns with environmental priorities-has become more critical than ever. Among the emerging solutions, Pumped Storage Projects (PSPs) have proven to be a time-tested, eco-friendly, and efficient means of balancing grid demand and enabling large-scale renewable energy integration.

Bihar, with its ambitious energy roadmap, is positioning itself as a frontrunner in PSP deployment-aligning state policy, national targets, and technological innovation into a cohesive strategy.

A pumped storage project, at its core, is a large-scale energy storage system that functions like a giant rechargeable battery. It stores excess electricity by using it to pump water from a lower reservoir to a higher one and later releases this stored water through turbines during periods of peak electricity demand, instantly generating power. PSPs operate in two distinct modes. In the Pumping Mode, surplus power-typically from solar or wind-is used to lift water uphill into the upper reservoir. In the Generating Mode, the stored water flows back downhill through turbines, producing electricity during high-demand hours.



Schematic Diagram of an Open Loop and Closed Loop Pumped Storage Project

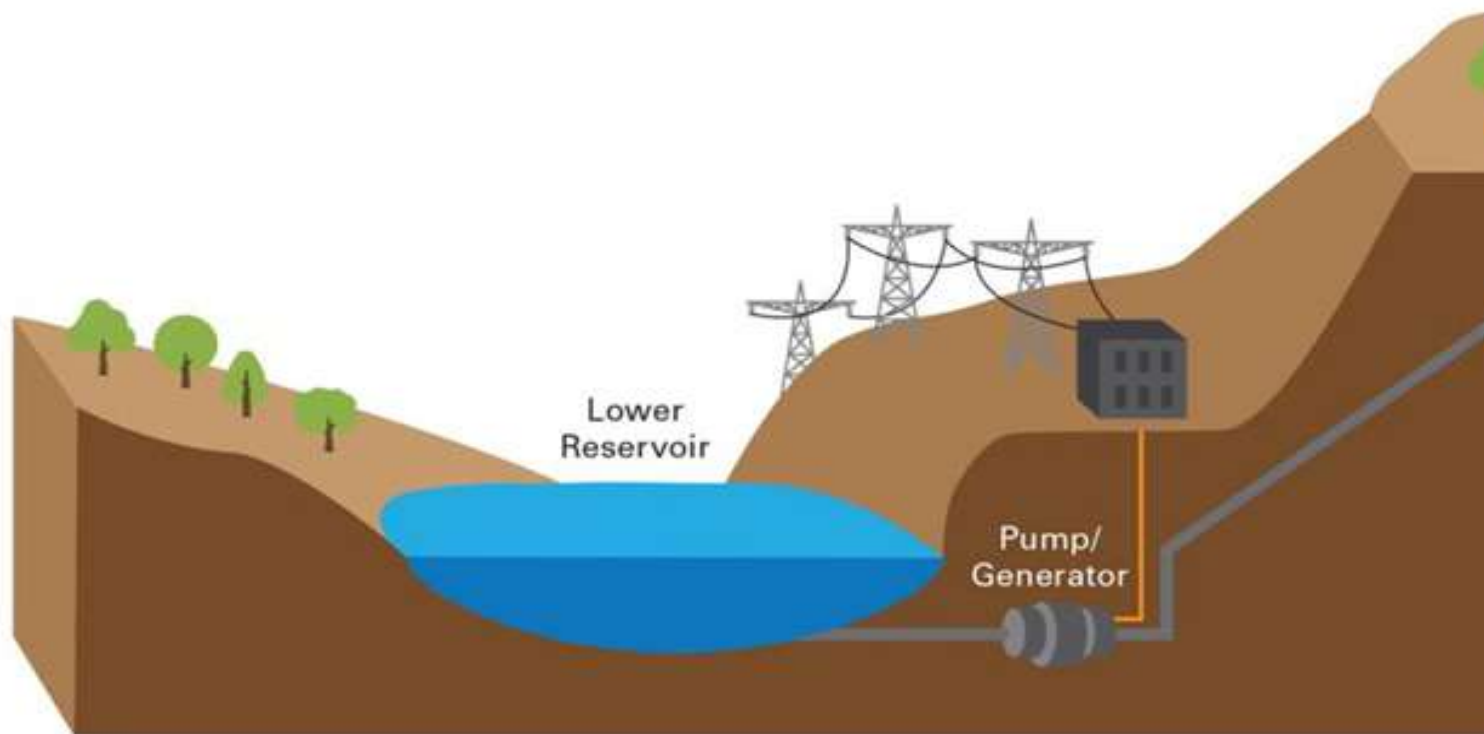
The inner workings of a pumped storage project reveal a remarkable feat of engineering that integrates hydraulic infrastructure with advanced power electronics. A typical PSP system includes several key components. Reversible Pump-Turbines serve as the heart of the system, functioning both as motors during pumping and as generators during electricity production. Control valves and penstocks are used to direct and manage the flow of water between reservoirs. Surge chambers play a critical role in balancing internal pressure and preventing hydraulic shock within the pipelines. Upper and lower reservoirs store potential energy in the form of elevated water, while the switchyard and control systems enable seamless integration of generated electricity into the grid. With round-trip energy efficiency ranging between 70% and 80%, PSPs remain among the most dependable grid-scale storage technologies available today.

India's pumped storage landscape reflects a strong national outlook for grid-scale energy storage. As of February 2025, the country has an installed capacity of approximately 4.75 GW across operational projects, with another 7.97

GW under construction and over 62.5 GW currently under survey and investigation. According to the Central Electricity Authority (CEA), the combined pumped storage capacity—operational, under development, and potential—totals around 79.33 GW. To accelerate adoption, the Ministry of Power's 2023 guidelines have introduced a range of incentives for PSPs, including waiver of Inter-State Transmission System (ISTS) charges, exemption from electricity duty and other levies, and supportive policies for land and infrastructure development. Several notable projects exemplify the scale and momentum of India's PSP growth.

Bihar's PSP journey reflects a timely alignment of vision with action. The state's rapid electrification, expanding renewable energy capacity, and seasonal fluctuations in power demand have created an urgent need for flexible and reliable energy storage solutions. Pumped Storage Projects (PSPs) provide an ideal answer by mitigating peak load pressures, stabilizing the electricity grid, and effectively complementing the intermittent nature of solar and wind power.

Pumped Hydroelectric Storage Facility



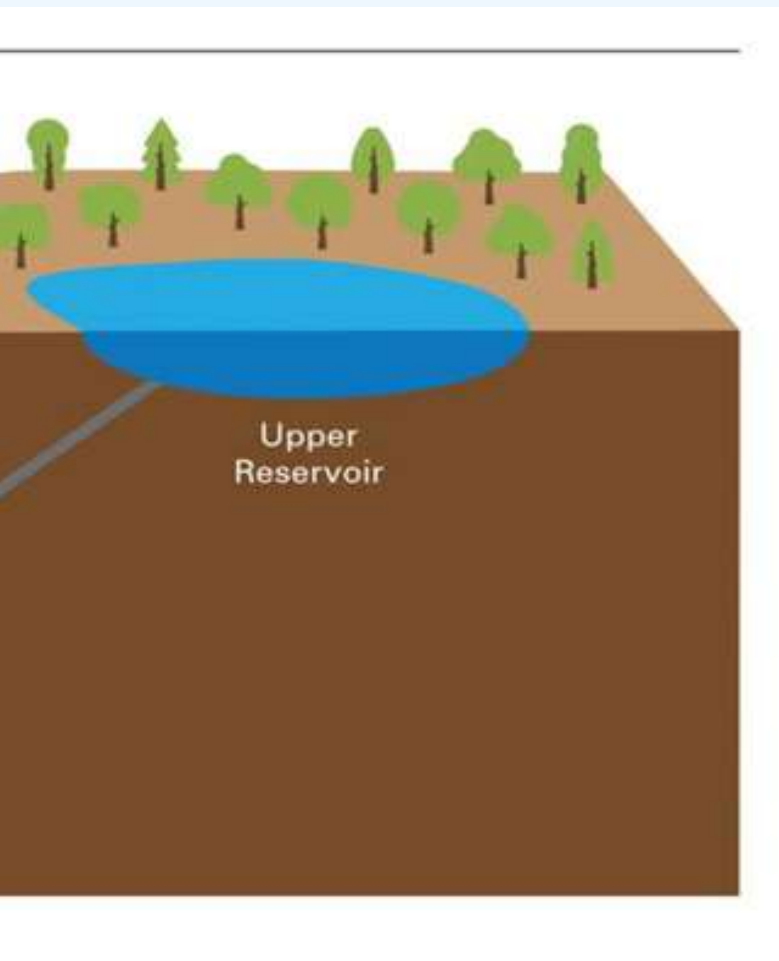
Robust government backing through policies and mandates has firmly established pumped storage as a state-level priority in Bihar. The first major development came through the Ministry of Power, which allotted SJVN Ltd. the responsibility of surveying and evaluating the feasibility of pumped storage projects across Bihar. Subsequently, the Government of Bihar, notified Bihar State Power Generation Company Limited (BSPGCL) as the nodal and implementing agency for PSP development in the state.

One of the most advanced pumped storage initiatives in Bihar is the Hathidah-Durgawati Project, located in Kaimur district. This project has been optimized to a capacity of 1000 MW and is designed as an open-loop system. It is expected to significantly enhance long-term grid reliability while also generating employment opportunities and contributing to regional economic growth. The site was selected following a feasibility study

by SJVN Ltd., which had evaluated multiple PSP locations in the Kaimur region.

Meanwhile, in another key initiative, Sun Petrochemicals in coordination with department of Industries, GoB has proposed three self identified closed-loop PSP projects in Nawada district-Hardia (910 MW), Gosaintari (920 MW), and Adwaria (650 MW). These high-efficiency projects, with an estimated round-trip efficiency of about 75%, are currently under evaluation stage.

The Draft Bihar PSP Promotion Policy 2025, which is in its final stages of approval and expected to be notified soon, outlines a comprehensive support framework to attract investment in pumped storage development. It proposes a range of fiscal incentives, including exemptions from electricity duty, stamp duty, and registration charges etc.. To ease implementation, the policy also provides for



regulatory facilitation through a single-window clearance system, along with assured access to critical resources such as land and water.

Bihar is not just exploring pumped storage projects-it is building the future of energy through a bold and forward-looking vision. With strategic government support, technical partnerships, and investor-friendly policies, the state is turning its potential into action. From Kaimur's cliffs to Rajauli's ridges, a new energy ecosystem is rising-one that powers Bihar not just today, but sustainably for decades to come.

Hemant Ranjan
EEE, BSPGCL





The role of electricity in my progress as a farmer in Bihar

My journey as a progressive and modern farmer started 38 years ago. I finished MA at Hansraj College, Delhi university and came to my farm in my village Nayanagar, Hasanpur Block, Samastipur, Bihar in the year 1988. Though it was against my father's wishes as he wanted me to become an IAS officer and I had just cleared the prelims. He was infuriated by the idea of me coming back to the village to do agriculture. My father had sent me to the best school at that time, St Paul's School, Darjeeling and the last thing he wanted was me to be back at the village. I remember at that time we used to use a lantern in the night as there was always a shortage of

electricity. My village was one of the few villages that had the good fortune of having electrification done at a very early age (around 1962). My father used electric motor driven pumps to irrigate his fields in the early days. The condition of supply of electricity was good during those days. My father saw both, plenty of electricity and absolute scarcity. I remember as a child seeing my father's semi-automatic seed processing plant run by electricity around in 1975-76. By the time we came to the village to do farming in 1988 the situation of electricity was very bad. We were totally dependent on diesel. I could see various size of motors lying around at my house like as if in

a graveyard. Farming was very expensive and things were not moving the way I wanted. It was getting very tough to do farming. The input cost was very high. Return on agriculture was not up to the mark. It was under this extreme condition that I chose to come and practice agriculture as a profession becoming a target for ridicule.

I continued my quest to excel in agriculture at all cost. I started making changes to the way we managed our farm. We were slowly successful in transforming the farm to a great extent but there was something missing. Agriculture was still not proving to be very lucrative. I realised that in order to progress further we needed good quality of electricity, only then we could move to the next level of progress. Good news was round the corner, suddenly we came to know that the government is planning to revolutionise electricity supply in the state. The icing on the cake was that the government had decided to have a dedicated agriculture feeder for both North and South Bihar. Though for us it was just news not meaning much at that time. Little did we know that this step of the government would change the face of agriculture forever in Bihar.

In the year 2007, I installed a micro irrigation facility in my litchi orchard. This had helped me in improving my profitability a lot but still there was the issue of not having electricity to run the irrigation system. Diesel was still proving to be expensive. Micro irrigation was still not turning out to be most efficient most because we were still using diesel. On the other hand, we were using cold rooms to precool and pack litchi to send them to Dubai and other South and Western states in India. The cost of diesel was still prohibitive both for irrigation and running the cold rooms. We saw that sustaining this supply chain on diesel was not feasible. Though we tried for two seasons but gave up because of the running cost. This lack of electricity was acting like a road block, a bottle neck to my progress as a farmer.

Then, came the year 2019. The electricity scenario suddenly saw a dynamic shift. We couldn't believe that the government had overhauled the whole department. We were told there would never be a shortage of electricity. We took this with a pinch of salt. Though I did take up an automation project by Jain irrigation for my fruit farm, positively accepting the governments assurance that there will be no shortage of electricity. I completed this project in 2019 and had the good fortune of starting an automated fertigation system at my farm. This latest irrigation system was inaugurated by the then CM Nitishji. I haven't looked back since then. The system has never failed me till date because of uninterrupted electricity supply. Confident about the supply of electricity, I was able to establish a guava, dragon fruit, Mausami and strawberry farm. These are all premium horticultural fruits which has increased my income from agriculture 10 folds – yes ten folds, way ahead of Governments call for doubling income from agriculture. This could only happen because of the availability of electricity.

A very interesting result of electricity and the running of an automation system was during the time of covid. Due to the lockdown no labourers were available for quite some time. I had planted around 27000 plants in my orchard. Just imagine my plight. How could I water all these plants during lock down. All my plants would die but my automation system and the uninterrupted power supply even during lock down saved my orchard. I would go alone to the orchard unlock the control room and put in the commands in the computer and switch on the system. In three hours, by the time I watched a movie, all my plants were watered and fertilizer applied. I did this for 6 months all alone. My orchard survived without a single labourer all thanks to the availability of electricity. The electricity transformer was like a god to me in the corner of my field. Assuring me comforting me.



Today in 2025, I have put up a more modern automated fertigation system with confidence. About 13000 farmers from all over India have come to see my system over the last 5 years. I have told all of them the story of my automation system and covid times. Always thanking the electricity supply. Today I have increased my cold rooms from 4 to 9. Now, I use it as a ripening chamber for banana. Once again thanks to the availability of electricity. The cold rooms were no longer a white elephant but a profitable proposition.

Today small and marginal farmers are installing automatic and semi-automatic fertigation systems in my village. Thousands of farmers come and see this dramatic change. Farmers are shifting from normal agriculture to premium agriculture. This was something unthinkable without electricity.



The small and marginal farmers have benefitted tremendously. For example, a farmer irrigating his field with a diesel pump would incur a cost of approx, 400 rupees on diesel and Mobil per day. After using an electric pump his cost comes down to 50 rupees per day. (3 hp single phase motor would equal to 2220 watt per hour. So, let's say 3 units per hour with starting load, low voltages, wire load etc. into 8 hrs will be 24 units, let's say 30 units a day into Rs. 0.75 = Rs. 22.5 Let's say Rs. 50 with all type of charges). So, 400 per day to Rs. 50 per day. That's a huge reduction in input cost. This is a double-edged sword. When the cost of irrigation goes down the farmer starts irrigating his fields more often. For example, a farmer was giving only one irrigation in wheat. Now he is giving 2 to 3 irrigations. This leads to higher yields. So, the farmer's income increased to 1.5 times just by this change in getting electricity. The other very important change is that when the farmer goes to his field, he goes with the confidence that there will be electricity and that he won't have to wait for it in his field. The confidence that he will

irrigate his field and come home, is a momentous change. The fact that electricity is available regularly is leading to a silent revolution in agriculture in Bihar. I see this happening all around me.

Today, I have CCTV in my field. I have taken my broadband to my field. I have soil sensors in my field. I have installed lights around my field. The availability of good quality electricity is helping me in digitizing agriculture. When visitors come to my field (last five years 13000) they are so surprised to see such a modern facility in such an interior part of Bihar. Today videos are being made on my farming practices and the modernisation that I have done has reached 4 million viewers. I am just waiting for the result of the latest surveys to come. Bihar will have a double digit of agricultural growth and it will be the highest in India and one of the primary reasons for it will be Electricity.

Sudhanshu Kumar
Farmer, Samastipur



A journey of Sports Kolhapur (Maharashtra)

Under the aegis of All India Electricity Sports Control Board (AIECSB), hosted by Maharashtra Power utility at Chhatrapati Shivaji University, Kolhapur (Maharashtra) from 17.04.2025 to 19.04.2025, Bihar State Power Holding Company Limited participated in three events in sports, such as, Carrom, Athletics and Volleyball.

Total 32 numbers of participants participated in Carrom (Men), Carrom (Women), Athletics (Men), Athletics (Women) and Volleyball (Men) events from Bihar State Power Holding Company Limited in the competition.

Athletics

Representing the Bihar State Power (Holding) Company Limited, an enthusiastic team of eight athletes – Four Men and Four Women – participated in the tournament, competing in a range of track events with passion, dedication and remarkable sportsmanship.

Golden Glory for Ms. Anvita Verma – Lifting Bihar to Second Place in the Women's Category.

One of the brightest stars of the tournament was Ms. Anvita Verma, whose extraordinary performance not only earned her individual honors but also significantly contributed to Bihar's overall success in the women's category.

Completing in 800 meter and 1500 meter races, Anvita demonstrated exceptional stamina, strategy and control. In the 800 meters race, she maintained a strong and steady pace, executing a powerful sprint finish claiming the Gold Medal. In the 1500 meters race, her focus and determination saw her surge ahead in the final lap, winning another gold for the State.

Thanks to Anvita's double gold triumph, Team Bihar secured second place overall in the women's athletics category, making it a proud and memorable achievement for the entire contingent. Her performance stood as a shining example of hard work, discipline and true sporting spirit.



Pramod Kumar Rai
AITM, NBPDC



Table Tennis: A Fast-Paced Game of Skill Strategy, and Spirit

Table tennis is more than just a game — it's a tool for mental rejuvenation, a boost to office morale, and a healthy way to reenergize during a busy workday. It embodies the values we cherish as an organization: **focus, agility, perseverance, and connection.**

One of the most appealing aspects of table tennis is its inclusivity. It requires minimal equipment — just a paddle, a ball, and a table — and can be played by people of all ages and skill levels.

Beyond Recreation: Building Skills and Bonds

Within organizations like ours, table tennis has proven to be more than just a recreational activity. It fosters:

- ♦ **Quick Thinking:** The speed of the game sharpens reflexes and hand-eye coordination.
- ♦ **Strategic Planning:** Skilled players learn to anticipate their opponent's moves and respond with precision.
- ♦ **Team Spirit:** Friendly matches and doubles games encourage camaraderie, lighten the mood, and break barriers across departments.

BSPHCL has a dedicated recreation room having high

quality TT boards at Vidyut Bhawan -III, so that players can indulge in this activity after work to relax. Every evening, players (both male and female) gather to enjoy this marvellous game, have some competition and also laughter. Every year, internal TT tournament is organised to boost game and enlarge participation.

Journey from intercompany tournaments to AIESCB tournament 2025

This year our BSPHCL Table Tennis team participated in the 47th All India Electricity Sports Control Board Tournament 2025 held in Hyderabad and organised by TGGENCO.

A total of 13 states with their electricity board team participated in this tournament. BSPHCL male and female team also participated this time with great enthusiasm.

Spotlight : Priya Agarwal– Our Table Tennis Champion!

In every sport, there are moments that leave a lasting mark — not just because of victory, but because of the passion, discipline, and spirit behind it. This year,



one such moment was delivered by none other than **Priya Agarwal, AEE (SBPDCL)**, who clinched **Gold in Women's Singles category**.

From the very first match, Priya displayed not just technical mastery, but also exceptional sportsmanship. Whether delivering powerful smashes, executing precise spins, or defending with unshakeable focus, she dominated the table with grace and grit.

What set Priya apart wasn't just skill — it was the unwavering composure in high-pressure moments. The finals match, played between Bihar & Gujarat before a cheering crowd at LB stadium, Hyderabad showcased a stunning performance as she rallied from behind to win in a thrilling finish that had everyone on the edge of their seats.

We are proud to celebrate Priya as our Table Tennis Gold Medalist — a shining example of talent, perseverance, and the spirit of friendly competition.

Bronze Brilliance : Celebrating Our Female Doubles Table Tennis Team

In a competition filled with speed, skill, and fierce rallies, our dynamic duo — **Preeti and Priya** — rose to the occasion and brought home a well-earned **Bronze medal in the Female Doubles category**.

From the early rounds to the intense semifinals, the pair impressed everyone with their sharp

coordination, quick reflexes, and smart strategies. Their synergy at the table — communicating effortlessly, covering each other's positions, and playing to each other's strengths — was a joy to watch and a masterclass in teamwork.

Their journey to bronze was anything but easy. Facing off against some of the most experienced players in the competition, Preeti and Priya showed exceptional resilience.

What makes their achievement even more inspiring is the sportsmanship and positivity they displayed throughout the tournament. Their dedication, discipline, and mutual support are a reflection of the values we celebrate as an organization.

Our CMD , MDs appreciated the medal winners and also the whole team and inspired them to play with passion, pushing the limits and most important-enjoying the game.

Closing Note: Keeping the Spirit of Table Tennis Alive

As we bring this chapter on table tennis to a close, we do so with pride and appreciation for every player, supporter, and enthusiast who made this year's events so memorable. From thrilling matches to unexpected comebacks, from new talents rising to seasoned players leading by example — the journey has been nothing short of inspiring.

Table tennis, much like our work, is a game of focus, agility, and resilience. It teaches us to stay sharp under pressure, to bounce back from setbacks, and to always aim for that next point. Let's carry that same spirit into everything we do — on the table and beyond.

To all our players: thank you for bringing the game to life. May your passion never fade, your paddles stay active, and your love for the sport continue to grow.

Here's to more rallies, more victories, and more memories in the year ahead!



बेटी

माँ! मुझे भी बेटा क्यों नहीं बुलाती? बोलते हुए श्रव्या ने नम आँखों से माँ का आँचल थाम लिया। 04 वर्ष की उम्र में ऐसा वक्तव्य उसकी माँ के माथे पर असमंजस की लकीरें साफ नजर आ रही थी। इतनी सी उम्र में बेटा-बेटी जैसे शब्दों का ज्ञान इसे कैसे? आखिर क्या चल रहा इतनी सी बच्ची के मस्तिष्क में? सरिता के दिमाग में ये बातें चल ही रही थी कि फिर श्रव्या ने बोला-माँ! भैया को तो आप बेटा बुलाते हैं फिर मुझे क्यों नहीं? क्या मैं आपका राजा बेटा नहीं हूँ? क्या आप मुझसे प्यार नहीं करते? क्या आप सिर्फ भैया से प्यार करते हैं? प्रश्नों की झड़ी लगते देख सरिता ने अपनी बेटी को गोद में उठाया और गले से लगाते हुए ढेर सारा प्यार किया। अब जाकर श्रव्या के प्रश्न तालिका पर विराम लगी। परन्तु उस नन्हीं सी बच्ची के मन मस्तिष्क में उभरता सैलाब उसके चेहरे पर अब भी नजर आ रही थी।

सरिता ने अपनी बेटी को चूमते हुए बोला, क्यों बेटा बुलाऊँ आपको? मेरी रानी बिटिया हो। कलियों सी नाजुक, परी सी सुन्दर, मेरी परछाई हो आप। भैया से मैं बेहद प्रेम करती हूँ, मेरी आँखों का तारा है वह। एक जिम्मेवार पुरुष, की तरह, हर मुसीबत में डट कर खड़ा रहने वाला, तेजस, ओजस्वी, हर दिल अजीज, बेहद प्यारा है वो। लेकिन..... जो ठण्डक, जो सुकून, जो अहसास मुझे आप कराते हो, वो भैया के साथ नहीं। आप बेटी हो मेरी और मुझे गर्व है इस बात पर। यह बस आप अभी नहीं समझ सकते पर सृष्टि की संरचना आप से है, नए जीवन का आधार है आप। मैं जब भी कभी टूट जाऊँगी, आप ही संवारोगे। मेरी परछाई बन कर हर वो रिश्ते निभाओगे जो मैंने उम्र भर संभाल कर रखा। मैं कहीं भी रहूँ, आप हमेशा अपने आस-पास ही पाओगे। हाँ बेटी हो मेरी आप और आपको बेटी ही बुलाऊँगी मैं क्योंकि बेटी शब्द की सार्थकता एक बेटा कभी नहीं समझ पाएगा।

“कर गुमान तू खूद पे
तू मेरा अभिमान है
तुमसे ही संसार मेरा
तुझमें बसते मेरे प्राण हैं।”

श्रव्या को बहुत कुछ समझ नहीं आया, परन्तु वो इतना जरूर समझ गई कि “बेटी” एक जादूई शब्द है, जिससे उसकी माँ के चेहरे पर मुस्कुराहट खिल उठती है। उसके बाद फिर कभी भी उसने अपनी माँ को उसे “बेटा” कहने को नहीं बोला बल्कि यदि कभी प्यार से सरिता उसे बेटा बोल भी देती थी तो बड़े प्यार से वो माँ से कहती, माँ! मुझे “बेटी” ही बुलाओ न!

डॉ० प्रियंका कुमारी

प्रशाखा पदाधिकारी

एन०बी०पी०डी०सी०एल०

धरातल पर आज संस्कार बोड़ये

धरातल पर आज संस्कार बोड़ये।
नफरत को भुलाकर के प्यार बोड़ये।
धुंध उठ रहा धुएं का गुबार भी,
पर्यावरण हुई दूषित चिनार बोड़ये।
पीपल के पेड़ जो हमें देते हैं जीवन,
चौक चैराहे पर हर बार बोड़ये।
कनैर फूल हो या गुलरेंचि का फूल,
चम्पा चमेली व हर सिंगार बोड़ये।
शीशम कटहल या सखुआ का पेड़,
सागवान महुआ या देवदार बोड़ये।
आम बोड़ये या फिर लीची बोड़ये,
शरीफा अमरूद या अनार बोड़ये।
पर्यावरण बचाना है जाग जाइए,
आप हरे भरे पेड़ों का भरमार बोड़ये।
जन्म दिन हो या हो शादी सालगिरह,
एक पेड़ आप यहां हर साल बोड़ये।

प्रिय रंजन किशोर प्रसाद

लेखापाल

बी०एस०पी०जी०सी०एल

माँ भारती के पैगाम आ गईल।

हमरा देहिया में अब जान आ गईल
जिनगी देशवा के काम आ गईल
एकरा से बढ़के ना कुछ चाहीं
कि शहीदवन में हमरों भी नाम आ गईल। माँ...
केहु कंधा के मोहताज होता
आज जग आवाम आ गईल
छटपटइती ना सीमा पर जईती
शीश देके आराम आ गईल। माँ...
पोछि माई के अँखिया लोराईल हव
हमरा मुँह पर मुस्कान आ गईल
देश-भक्ति से बढ़के कुछ ना होला
पुण्य में चारो धाम आ गईल। माँ...
अब विदाई में तनिको ना देरी करी।
माँ भारती के पैगाम आ गईल।
"प्रकाश" सेवा के भाव लिखल दिल से
तोहर दुधवा के माई ईनाम आ गईल। माँ...

सत्य प्रकाश पासवान
कार्यालय अधीक्षक,
एस०बी०पी०डी०सी०एल०

मृत्युलोक

एक कर्मक्षेत्र



जीवन मरण ही उसूल है,
वे मृत्युलोक का मूल है।
तू मृत्यु से बच जाएगा,
ये सोचना एक भूल है।
दिखता नहीं ये सच तुझे,
तेरी आँखों में क्या धूल है?
फिर मृत्यु से भयभीत क्यों,
इस बात में क्या तूल है?
भय से कुकर्म तू क्यों करे,
ऐसे जीवन का क्या मोल है?
सब कुछ तो है नश्वर यहाँ,
तेरा कर्म ही अनमोल है।
तेरा कर्म ही बतलाएगा,
तू काँटा है या फूल है।
फिर मृत्यु से भयभीत क्यों,
इस बात में क्या तूल है?
सत्कर्म ही अमृत यहाँ,
ये सब सुखों का मूल है।
मृत्योपरांत जो अमर करे,
सत्कर्म ही वो फूल है।
स्मृति में तू जीवित सदा,
ये मृत्यु के प्रतिकूल है।
फिर मृत्यु से भयभीत क्यों,
इस बात में क्या तूल है?

प्रीति कुमारी

सहायक कार्यपालक अभियंता
एस०एल०डी०सी०
बी०एस०पी०टी०सी०एल०



नव युग का प्रकाश

मैं थकूँ, पर हार कभी न मानूँ
उठ चलूँ रणविजय कर मानूँ।
मायूस मन में नव प्रकाश भरूँ,
नवयुग की भोर का अतुलित प्रकाश बनूँ।
पुलकित हो पुष्प-सी जग का सुभाष बनूँ,
चंद्र-सी खिलूँ, रजनी का शीतल प्रकाश बनूँ।
आत्मबल जगा नारी का स्वाभिमान बनूँ,
उच्च उड़ान भर असीमित आकाश बनूँ।
हम होंगे कामयाब का दृढ़ विश्वास बनूँ,
झण भर ना रूकूँ ऐसा जागृत आभास बनूँ।
सत्य पथ पर चलूँ, राष्ट्रहित में कार्य करूँ,
भ्रष्टाचार मिटाऊँ, जग का उत्थान करूँ।
नव युग की भोर का अतुलित प्रकाश बनूँ,
नव युग की भोर का अतुलित प्रकाश बनूँ।

प्रियंका भारती

सहायक कार्यपालक अभियंता
बी०एस०पी०जी०सी०एल०

बेटियों के हिस्से प्यार नहीं होता

बेटियों के हिस्से प्यार नहीं होता,
उनका कोई परिवार नहीं होता।

कभी मायके कभी सरसुराल में बांटी जाती है वो,
हर जगह से छांटी जाती है वो।
उनके कंधों पर होती है,
खानदान की इज्जत और
प्रतिष्ठा की जिम्मेदारी।
क्यों कि बेटियों से ही होता है,
हर मा बाप का सर भारी।
बेटियों के हिस्से प्यार नहीं होता,
उनका कोई परिवार नहीं होता।

जिस उम्र में अपने पराया की पहचान न हो,
उस उम्र से उन्हें पराया धन कह कर बुलाया जाता है।
हर सख्त की जरूरतों को खुद से पहले रखना,
उन्हें बचपन से ही सिखाया जाता है।
बेटियों के हिस्से प्यार नहीं होता,
उनका कोई परिवार नहीं होता।

जब हो जाती है वो किसी और परिवार में शामिल,
तो उनके वजूद को गलत ठहराया जाता है।
उन्हें फिर से जिंदगी जीना सिखाया जाता है,
ये मायका नहीं है सरसुराल है उन्हें हर मोड़ पर जताया जाता है।
बेटियों के हिस्से प्यार नहीं होता,
उनका कोई परिवार नहीं होता।

हर जिम्मेदारी उठा कर जो समाज से लड़ने को थी तैयार,
उसे बार बार नीचे गिराया जाता है।
जिस समाज ने दुर्गा और काली को पूजा है,
उसी ने तो सीता की अग्नि परीक्षा की मांग रखी थी।
मगर फिर भी समाज की बात आते ही
अपने परिवार में भी उनका अस्तित्व कहीं खो जाता।
इसलिए कह रही हूँ।
बेटियों के हिस्से प्यार नहीं होता,
उनका कोई परिवार नहीं होता।

रितु प्रिया

सहायक विद्युत अभियंता
एस0बी0पी0डी0सी0एल0

स्मार्ट मीटर

विद्युत क्षेत्र की दुनिया में, स्मार्ट मीटर की पहचान है,
मीटर पठन की चिंता नहीं, हम सबके लिए वरदान है।
अपनाकर नई व्यवस्था को, परेशानियां दूर भगाना है,
मिलेगी मुक्ति भाग दौड़ से, हमे मीटर स्मार्ट लगाना है।

विद्युत वितरण के क्षेत्र में, इस मीटर ने ला दी क्रांति,
गिले सिकवे सब दूर हुए, रहा नहीं अब मन में भ्रांति।
लगाएंगे इस मीटर को, अब हर कसबे और गाँव में,
चैन की जीवन जी सकेंगे, सुख समृद्धि की छांव में।

भार घटाना हो या बढ़ाना, खुद ही हल कर सकते हैं,
विद्युत विपत्तों का भुगतान, अब घर बैठे कर सकते हैं।
बंद हुआ दुरूपयोग बिजली का, डर लगता है हीटर से,
परेशान बहुत थे पहले, जब मिली निजात उस मीटर से।

मीटर नहीं यह जादू है, समस्याओं का समाधान है,
कर लो रिचार्ज आसानी से, नहीं कोई व्यवधान हो।
सरकार की इस पहल को, अमली जामा पहनाना है,
बिहार बनेगा आत्मनिर्भर, ये करके हमें दिखलाना है।

विद्युत विभाग का हर कर्मी, तन मन से ऊर्जान्वित है,
लगेगा मीटर हर घर में, सरकार पूर्णतः आशान्वित है।
दिन रात करेंगे मेहनत हम, उम्मीद न हरगिज तोड़ेगे,
हम अपने राज्य बिहार को, सिरमौर बनाकर छोड़ेगे।

अश्विनी कुमार 'अकेला'

लेखा पदाधिकारी

बी०एस०पी०टी०सी०एल०

चमकता बिहार ऊर्जा आपार

बिजली सी तेजी, सपनों की उड़ान,
बिहार बना रहा नयी पहचान।
गाँव-गाँव में बिजली, हर घर में प्रकाश,
अब अंधेरो के नहीं कोई पास।

वो गाँव जहाँ चिराग था एक,
अब घर-घर बिजली का नेक।
ना ढिबरी का धुआ, ना अँधेरा शेष,
अब चांदनी सी रौशनी से रोशन हर देश।

धूप से ली शक्ति, जल से सहारा,
हर घर उजाला हुआ है हमारा।
नन्हें दीप से शुरू हुई बात,
अब सबको मिला ऊर्जा की सौगात।

कोयले से लेकर सौर तक सफर,
ऊर्जा से बढ़ा हर गाँव हर शहर।
उन्नति की ओर चलता बिहार,
हमारा आधार-ऊर्जस्वित बिहार।

नन्दिनी सिन्हा

सहायक विद्युत अभियंता
बी०एस०पी०टी०सी०एल०

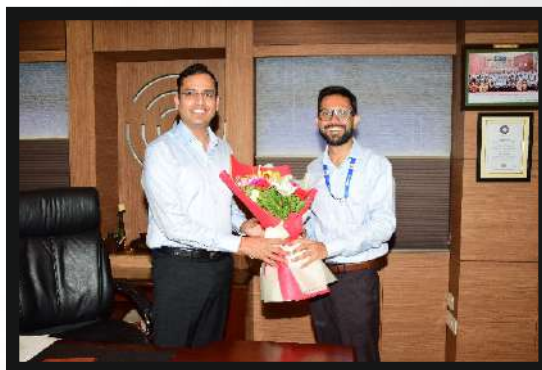


 BiharEnergyDept |
  EnergyBihar |
  energybihar |
  energybihar

Photo Gallery



Farewell of Sri Pankaj Kumar Pal, IAS
CMD



Welcome of Sri Manoj Kumar Singh, IAS
as CMD, BSPHCL



Press Conference by Hon'ble Energy Minister



CEA Meeting



Joining of Sri Rahul Kumar, IAS
as MD, NBPDCCL



Renewable Energy Policy and Pumped Storage Policy Launch



JOHN KURIAN 2025



SOLAR SHOW



Fuse call visit by CMD, BSPHCL



Yoga Day at BSPHCL Colony



Welcome of Ms. Puja Jain,
Director, PMO



PFC officials visited Vidyut Bhawan



Review meeting by CMD, BSPHCL

सेवानिवृत्त सदस्यों का आभार...



श्री बिनेश कुमार
आप्त सचिव, ना.बि.पा.डि.कं.लि.



श्री संजय कुमार
आप्त सचिव, सा.बि.पा.डि.कं.लि.



श्री पवन कुमार वर्मा
क.वि.अभि., सा.बि.पा.डि.कं.लि.



श्री प्रमोद कुमार झा
प्रधान विधुतज्ञ, ना.बि.पा.डि.कं.लि.



श्री प्रदुमन लाल श्रीवास्तव
विधुतज्ञ, ना.बि.पा.डि.कं.लि.



श्री दयानंद पासवान
प्रधान सारणी पुरुष, ना.बि.पा.डि.कं.लि.



श्री योगेन्द्र राय
टेक्निशियन 1, ना.बि.पा.डि.कं.लि.



श्री विरेन्द्र लाल कर्ण
टेक्निशियन 1, ना.बि.पा.डि.कं.लि.



श्री मानदेव राम
सारणी पुरुष, ना.बि.पा.डि.कं.लि.

सेवानिवृत्त सदस्यों का आभार...



श्री केदार साह
पंप अटेंडेंट, बि.स्टे.पा.हो.कं.लि



श्री अशोक प्रसाद
संदेशवाहक, बि.स्टे.पा.हो.कं.लि.



श्रीमती प्रमिला देवी
संदेशवाहक, ना.बि.पा.डि.कं.लि.



श्रीमती सुमन वर्मा
संदेशवाहक, ना.बि.पा.डि.कं.लि.



श्री सुरेश प्रसाद सिंह
अ.श्रमिक, ना.बि.पा.डि.कं.लि.

CLIPS

बिहार में लगेगा राज्य का पहला न्यूक्लियर पावर प्लांट

केंद्रीय मंत्री मनोहर लाल खट्टर ने पूर्वी राज्यों और केंद्र शासित प्रदेशों के साथ क्षेत्रीय बिजली सम्मेलन को अध्यक्षता की

(वि.प्र.सं.वि.)

पटना। बिहार में राज्य का पहला परमाणु ऊर्जा संयंत्र (पीएनए) (एनपीए) का निर्माण करने के लिए बिहार सरकार ने एक नए कानून पारित किया है। यह कानून बिहार में परमाणु ऊर्जा संयंत्रों के निर्माण और संचालन को नियंत्रित करेगा।

केंद्रीय मंत्री मनोहर लाल खट्टर ने बिहार में परमाणु ऊर्जा संयंत्रों के निर्माण और संचालन को नियंत्रित करने के लिए बिहार सरकार द्वारा पारित किए गए कानून का स्वागत किया।

खट्टर ने कहा कि बिहार में परमाणु ऊर्जा संयंत्रों के निर्माण और संचालन को नियंत्रित करने के लिए बिहार सरकार द्वारा पारित किए गए कानून का स्वागत किया।

कृषि बिजली को बढ़ावा देने के लिए सुविधाएं एवं केन्द्र सरकार, बिजली का लाभ

किसानों को महंगी सिंचाई से मिली मुक्ति

इतिहास, बिहार

सुप्रीम कोर्ट ने बिहार सरकार के खिलाफ एक नया फैसला सुनाया है। कोर्ट ने बिहार सरकार को किसानों को महंगी सिंचाई से मुक्ति दिलाने का आदेश दिया है।

कोर्ट ने बिहार सरकार को किसानों को महंगी सिंचाई से मुक्ति दिलाने का आदेश दिया है।

कोर्ट ने बिहार सरकार को किसानों को महंगी सिंचाई से मुक्ति दिलाने का आदेश दिया है।

बिजली बिल नियमित जमा करने वाले होंगे सम्मानित

समाज, बिहार

बिहार सरकार ने बिजली बिलों के नियमित जमा करने वाले किसानों को सम्मानित करने का फैसला किया है।

बिहार सरकार ने बिजली बिलों के नियमित जमा करने वाले किसानों को सम्मानित करने का फैसला किया है।

बिहार सरकार ने बिजली बिलों के नियमित जमा करने वाले किसानों को सम्मानित करने का फैसला किया है।

नतवा में बनेगा 2480 मेगावाट का पम्प स्टोरेज बिजली घर

पटना, हिन्दुस्तान ब्यूरो। बिहार के

नवादा में 2480 मेगावाट का पम्प स्टोरेज बिजली घर बननेगा। बिजली की कमी को ओर से कराए गए सर्वे (प्रो-फिजिबिलिटी रिपोर्ट) में इसकी पुष्टि हो गई है। अक्षय ऊर्जा में राज्य की यह सबसे बड़ी बिजली परियोजना होगी।

इसका निर्माण एनईसी खर्च करेगी और उससे

उत्पादित बिजली बिहार सरकार खादेगी। पम्प स्टोरेज में दिन में सोलर से तो सारा पानी सेवितवा का उठाया जायेगा।

भंडारण कर जरूरत के अनुसार आठ

घंटे तक आपूर्ति की जा सकेगी। कंपनी अधिकारियों से मिली जानकारी के अनुसार, बीते वर्ष बिहार में हुए निवेश सम्मेलन के दौरान नवादा में पैर पराम्यपत ऊर्जा के तहत पम्प स्टोरेज बिजली घर बनाने पर सहमति बनी थी।

इस तरह होनी है बिजली आपूर्ति

इस तरह होनी है बिजली आपूर्ति

निर्माण एनईसी

निर्माण एनईसी

बन रही है पम्प स्टोरेज नीति

बन रही है पम्प स्टोरेज नीति

रामेश्वर

रामेश्वर

बिहार

बिहार

Energy Secretary reviewed Revenue Management System (RMS) implemented in distribution companies

OUR CORRESPONDENT

PATNA: A review meeting of Revenue Management System was held under chairmanship of the Energy Secretary (Punjab) K. K. Sharma.

The meeting was held in the presence of the Energy Secretary (Punjab) K. K. Sharma.

The meeting was held in the presence of the Energy Secretary (Punjab) K. K. Sharma.

बैटरी ऊर्जा भंडारण प्रणाली परियोजना का पीएम ने किया शिलान्यास

पटना/बिहार। प्रधानमंत्री नरेंद्र मोदी ने बिहार के बैटरी ऊर्जा भंडारण प्रणाली परियोजना का शिलान्यास किया।

प्रधानमंत्री नरेंद्र मोदी ने बिहार के बैटरी ऊर्जा भंडारण प्रणाली परियोजना का शिलान्यास किया।

“बिहार सोलर शो 2.0” का विद्युत भवन, पटना में मध्य आयोजन

पटना/बिहार। बिहार सोलर शो 2.0 का विद्युत भवन, पटना में मध्य आयोजन किया गया।

बिहार सोलर शो 2.0 का विद्युत भवन, पटना में मध्य आयोजन किया गया।

बिहार में लगेगा राज्य का पहला न्यूक्लियर पावर प्लांट

केंद्रीय मंत्री मनोहर लाल खट्टर ने पूर्वी राज्यों और केंद्र शासित प्रदेशों के साथ क्षेत्रीय बिजली सम्मेलन को अध्यक्षता की

केंद्रीय मंत्री मनोहर लाल खट्टर ने पूर्वी राज्यों और केंद्र शासित प्रदेशों के साथ क्षेत्रीय बिजली सम्मेलन को अध्यक्षता की

बिजली : वितरण में हो रही

क्षति राष्ट्रीय औसत से भी कम

क्षति राष्ट्रीय औसत से भी कम

बिजली : वितरण में हो रही

क्षति राष्ट्रीय औसत से भी कम

क्षति राष्ट्रीय औसत से भी कम

बिजली : वितरण में हो रही

क्षति राष्ट्रीय औसत से भी कम

क्षति राष्ट्रीय औसत से भी कम

छह लाख किसानों को दिया फिलीपींस जानेगा बिहार
गया निशुल्क बिजली कनेक्शन में बिजली की उपलब्धियां

■ तीन दिवसीय मनीला बिजव

■ साउथ बिहार कंपनी के एम. डी. महेन्द्र कुमार मनीला समितियों में हो रहे हैं शामिल

नदी, पहाड़ी व अन्य दुर्गम इलाकों में भी है बिजली की सुविधा

स्मार्ट ग्रीड मीटर बिहार में लगे हुए हैं। गैर परम्परागत ऊर्जा के क्षेत्र में भी बिहार में कई काम हुए हैं। कई

और मानकों पर भी विधर ने देश की सीमाओं बनाई हैं जो कि जिनके कानून के अन्तर्गत सभी लोग को मान्यता दी जायेगी।

कहा कि खौर काला के उत्पादन ये
पारंपरिक ऊर्जा पर निर्भरता कम होगी।

[illegible]

न, वाआइपी इलाका
न आपूर्ति करता है।
निरीक्षण के दौरान



विश्व, विश्व इगुटी, लीड श्रमता और कर्मचारीय शिद समसे कर और भी लैने एकेवलेपक वार करने का बिदेता शिद सुनियेद सिस्टम के बल पथ है लोक निपद को प्रक्रिया का उन्निने निदेश देते शिद सबसेशनी के वला भी दुरा नीगीक बरदो को समीक, बलनन और उन्क

ल्वार निवारण सुनिचित करने के



ई-ऊर्जस्विनी बिहार स्टेट पावर (होलडिंग) कंपनी लिमिटेड एवं इसकी अनुषंगी कम्पनियों के वेबसाइट पर भी उपलब्ध है।

Email - urjasvini.bsphcl@bihar.gov.in

हमारा आधार, ऊर्जस्वित बिहार