



India
SMART UTILITY
Week 2023

The Digital Mandate for Utilities

Holistic Transformation and Platform Based Approach

Out with the Old In
with the Digital –

Indian Energy is
charging ahead!

Energy security for India paramount, but not at cost of climate change goals: Petroleum Minister

Synopsis

He made the remarks at the concluding session of the 9th Asian Ministerial Roundtable titled 'Mapping Stable and Secure Energy Pathways - Energy Security, Justice, Growth, and Innovation' here on Tuesday.



Energy security for India is paramount though it has by no means diluted the country's commitment to climate change **mitigation** goals, said Union petroleum minister Hardeep Singh Puri.

"India's growth will propel global growth, as it is the world's fastest-growing economy. While energy security for India is paramount, this has in no way diluted our commitment to climate change mitigation goals," minister Puri said.

He made the remarks at the concluding session of the 9th Asian Ministerial Roundtable titled 'Mapping Stable and Secure Energy Pathways - Energy Security, Justice, Growth, and Innovation' here on Tuesday.

Energy Budget 2023: Priority capital investment of Rs 35,000 crore for energy transition

She said that as the country heads for its net zero 'Panchamrit' goal by 2070, the Union Budget bills on the government's focus for green growth

Aanushi Koundal • ETEnergyWorld • Updated: February 01, 2023, 10:46 IST



New Delhi: Finance Minister **Nirmala Sitharaman** announced Rs 35,000 crore of priority capital investment for **energy transition** in her Union Budget 2023 speech on Wednesday.

She said that as the country heads for its net zero 'Panchamrit' goal by 2070, the Union Budget bills on the government's focus for **green growth**.

"About 4,000 megawatt hours of battery storage capacity will be supported through viability gap funding... a detailed framework for pumped storage will also be released," added FM Sitharaman.

India's G-20 energy meet to balance renewables, fossil fuels

"This event will showcase India as a global powerhouse for energy transition," said Hardeep Singh Puri, India's minister for petroleum and natural gas. Puri's ministry is organizing the event.

AP • February 08, 2023, 08:04 IST



Over 500 energy industry heavyweights and 30,000 participants will descend on the southern Indian city of Bengaluru on Monday to discuss the future of renewables and fossil fuels at **India Energy Week** - the first big ticket event of the country's presidency of the Group of 20 leading economies.

Speakers, including India's Prime Minister **Narendra Modi**, Saudi Arabia's energy minister Prince **Fahd bin Salman** and the **International Energy Agency's** executive director **Fath Birol**, will discuss the need to ramp up the transition to clean energy. But the overwhelming presence of oil and gas industry stakeholders has raised questions from climate analysts.

"This event will showcase India as a global powerhouse for energy transition," said **Hardeep Singh Puri**, India's minister for petroleum and natural gas. Puri's ministry is organizing the event.

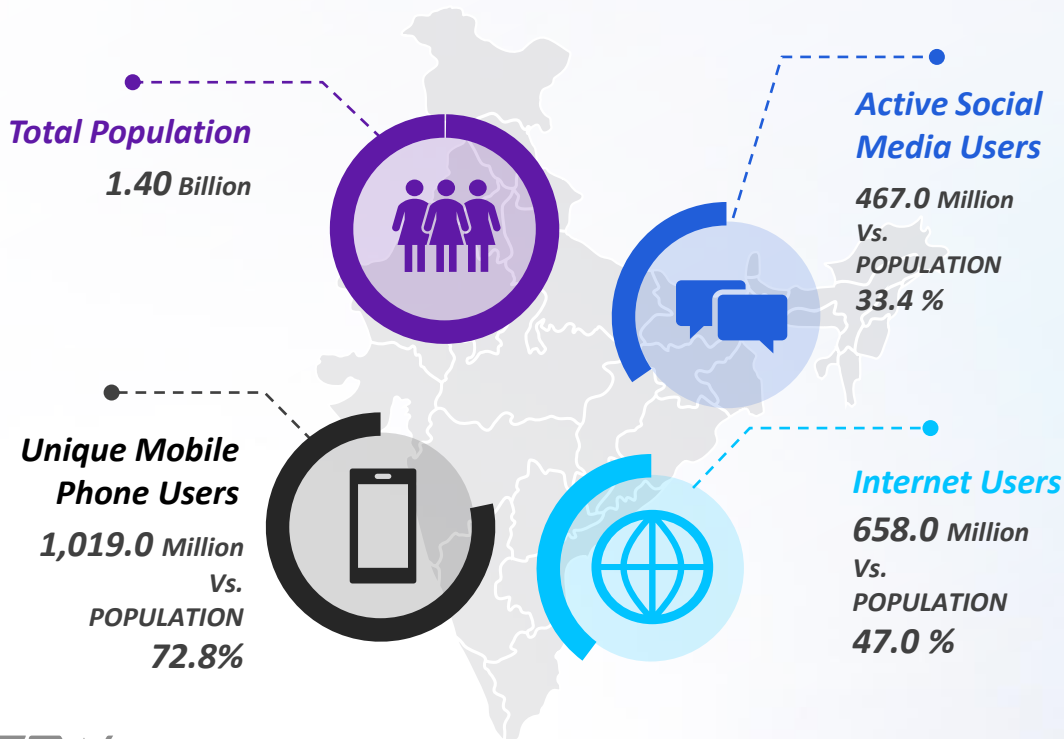


Indian railways soon to complete 100% electrification

© 09 Feb 2023 QZ CSE Team

The Indian Railways is getting closer to its goal of complete electrification. The Ministry of Railways stated that a total of 3375 Route Kilometres (RKM) have been electrified in the fiscal year 2022-23 until January 31st, compared to 2452 RKM in the fiscal year 2021-22, representing a 38% increase.

Essential Digital India: Numbers that prove the transformation is already underway.



- **~7,422 crore** digital payment transactions were recorded in 2022
- With the **launch of 5G**, India is now prepared for the next phase of growth in its IT revolution.
- **Increased digitization, availability of technically skilled labor,** burgeoning start-up ecosystem, and strong growth
- The value of digital payments in India will grow three-fold to touch **\$1 trillion** in the next four years

Power to the People

India Sparks a Revolution in Clean Energy

India's clean energy transition is advancing; however coal will stay to boost energy security

Security Fuel top priority to respond to short-term challenges, while implementing reforms is on the long-term transition agenda

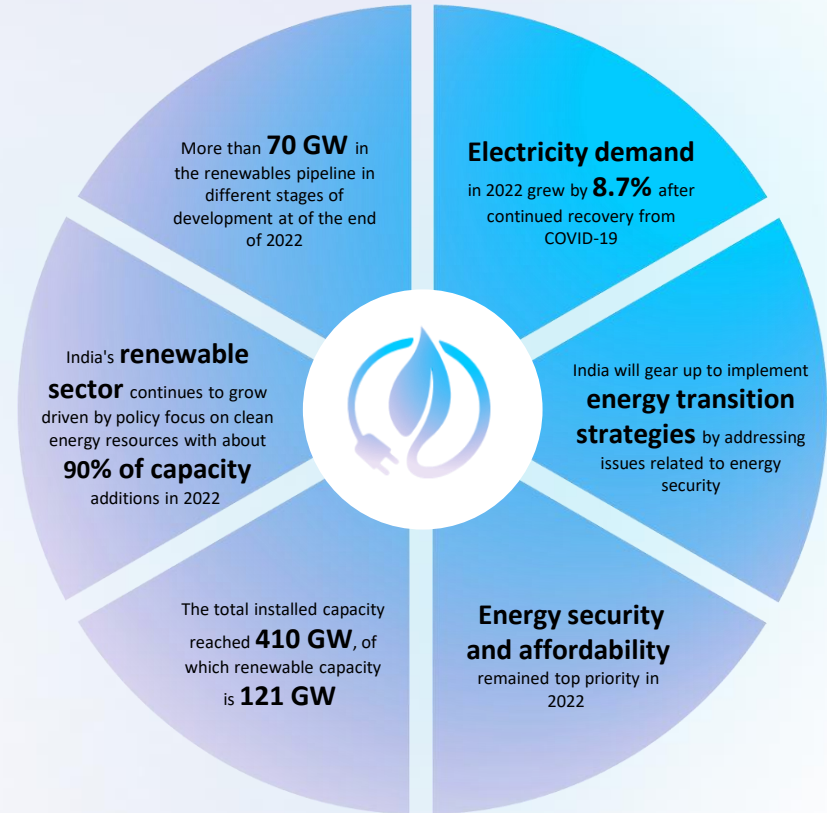
Climate action strategies are under way but need technological and financial support

Renewables supply chain issues continue to impact project costs and pipeline growth

Power market sentiments remain fragile, as regulatory uncertainty derails the pace of reforms

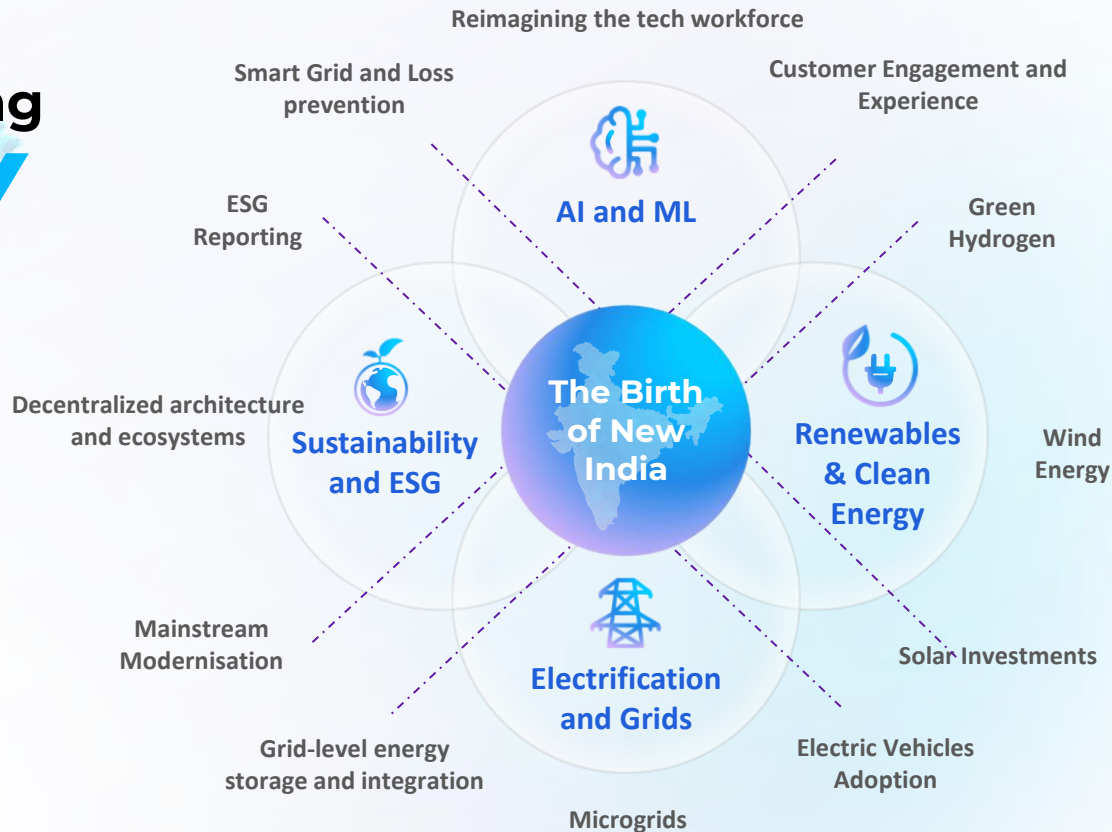
Ongoing reforms to improve short term financial discipline of DISCOMs; however the structural issues will linger

India is betting big on green hydrogen, but policy support and direction for demand creation in the domestic market required

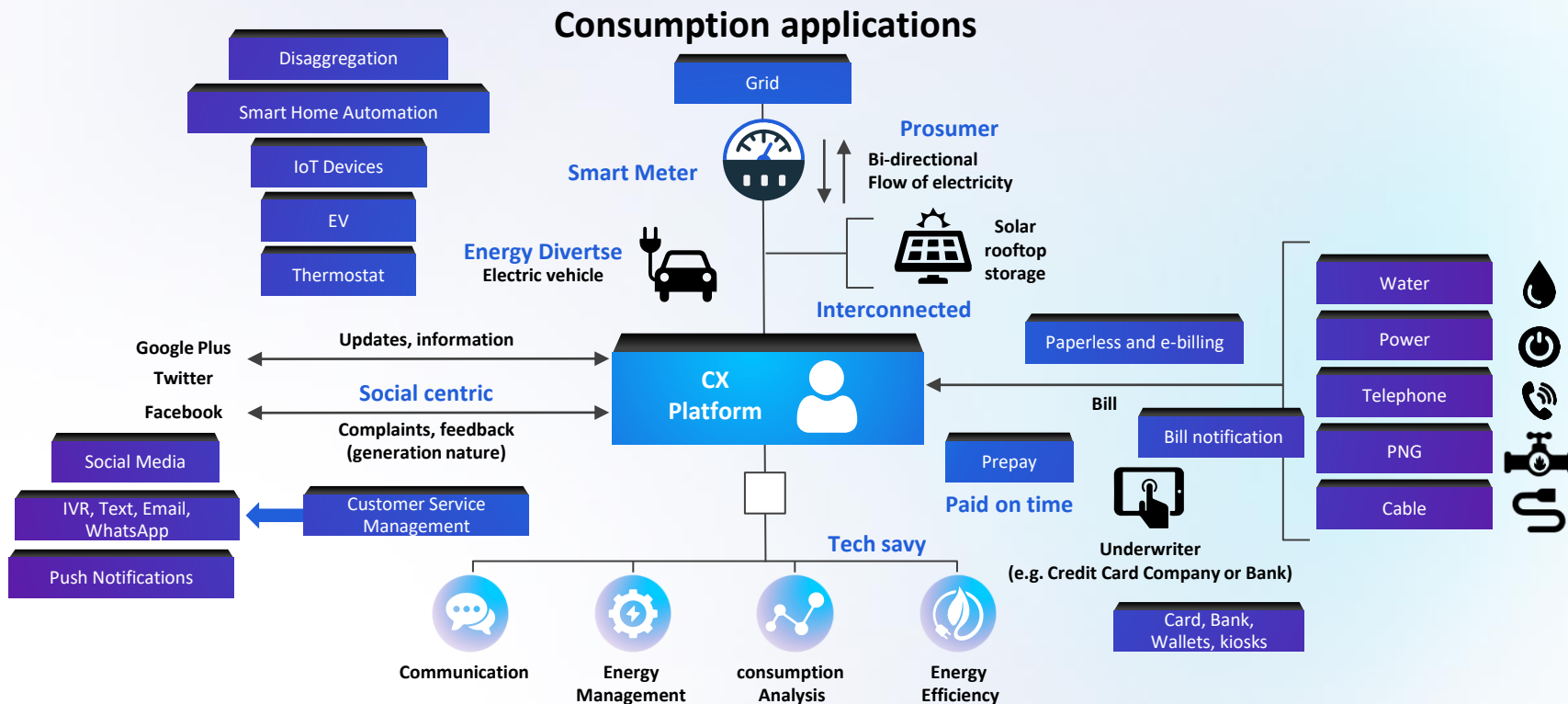


INDIA is Getting READY for 2047

Empowered by digital technologies, the slew of initiatives launched by the government to promote more efficient grid management, and metering are likely to gain momentum



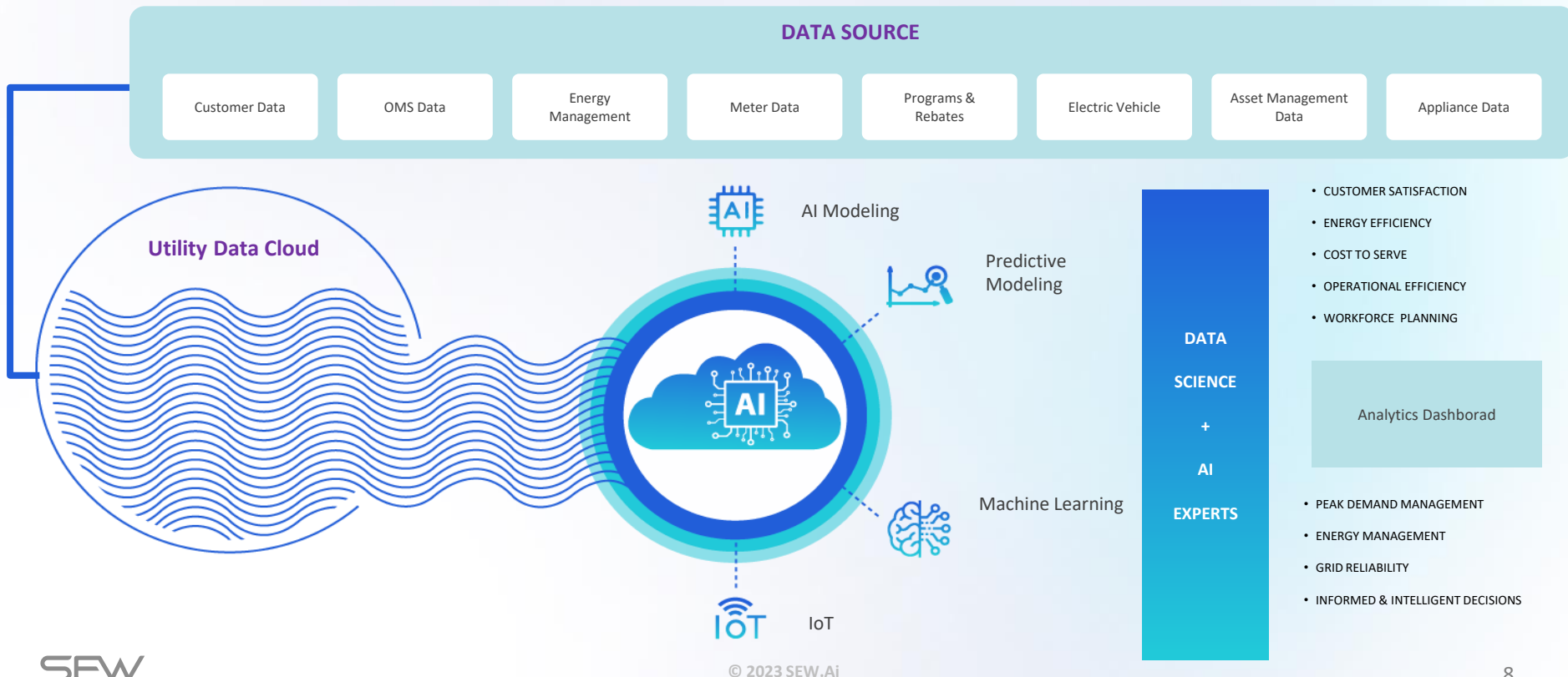
Who is Behind the Transformation Modern Energy Consumer



The New Normal: Must-Have Digital Capabilities



Turning Data Into Actionable Intelligence



The Energy & Water Industry's Leading Digital Experience Platforms

Customer Experience (CX) Platform

SMART CUSTOMER MOBILE

- Residential
- Commercial
- Landlord
- Property Manager
- Construction / Builder
- Agency



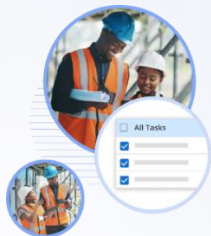
SEW CX Platform / Smart Customer Mobile (SCM) enables an omnichannel consumer experience for energy and gas providers powered by AI / ML to provide powerful consumer insights with predictive analytics

- Energy Efficiency and DR Mgmt.
- Drought Management
- Billing and Payments
- Outages and Service Management
- E Mobility/ EV Management
- Smart Home Management
- Energy & Water Data Analytics
- Customer Journey AI
- Digital Marketplace + Rebate Management
- Distributed Energy Resource Mgmt. and VPP
- AI Bots for Customer Service

Workforce Experience (WX) Platform

SMART MOBILE WORKFORCE

- Utilities
- Municipalities
- Universities
- State & Local Agencies
- Counties and Smart Cities
- Public Sector Units
- Non-Profit Org



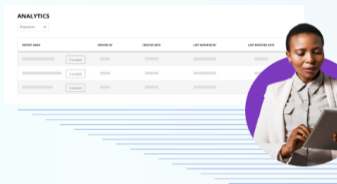
Smart Mobile Workforce (SMW) helps in intelligently managing the field operations to deliver seamless experience for the end consumers and operational efficiency for providers

- Work Management
- AI/ML Scheduling and Dispatching
- Assets and Inventory Management
- Training and Learning Mgmt.
- AR/VR Use cases
- Field Service
- Safety and Compliance
- Field service and Operational AI and Analytics
- GPS Route Tracking and Optimization

Intelligent Experience (iX) Platform

SMART IQ

- Residential
- Commercial / Industrial
- Irrigation
- Multi-Family/Single Family
- Schools



Smart iQ (SiQ) empowers energy and water providers to discover consumer and workforce insights across multiple data streams using AI/ML-driven analytics platform

- AI powered Customer and Workforce insights
- Energy and Water Analytics
- AI / IoT driven Use Cases
- Peak Load Management
- Leakages and Flow Analysis
- Micro Customer Segmentation
- District Metering Analysis
- Non-Technical Losses/ Gep spatial Intelligence
- Customer Behavior and Analytics

THANK YOU

SEW Headquarters
15495 Sand Canyon Ave. Ste. 100,
Irvine, CA 92618.
info@SEW.ai
(949) 409-6833