

Volumes have been written to describe and document the evolution of the electricity market in India. But to capture this journey, with its many complexities and convolutions, in 36 lines of rhyme? S.K. Soonee and Vivek Pandey just did that, and we are excited to share it here...

Indian Electricity Market Saga

By S.K. Soonee and Vivek Pandey, POSOCO



The journey is replete, with triumphs and tribulations,
Its tale is worth sharing, with the future generations.

Indian grid is vast, diversity so unique,
It treaded along with caution, devised its own technique.

As the nation learned-relearned, experiences made it wise,
Novel solutions were discovered, innovated, improvised.

Power system is complex, perfect equilibrium is just a chance,
Stakeholders expect transparency, with rules declared in advance.

Act de-licensed generation, as power sector reformed,
Regional grids integrated, and National Grid was formed.

To optimize diverse resources, power highways overlaid,
Open access introduced, to encourage economic trade.

Net zero pool with deviation, at an administered price,
Cooperative federal governance, autonomy, freedom, choice.

With UI mechanism in saddle, the jigsaw puzzle resolved,
Homeostatic control established, that Schweppe had evolved.

Passive balancing was the motive, but it started getting abused,
July disturbance jolted the system, radical policies were pursued.

DSM regulations notified, to transform the UI vector,
Measures taken to enforce, stricter discipline in the sector.

Vector made non-linear, multi-settlement, non-zero pools,
Volume limits, zero crossing, strengthened the deterrence rules.

Frequency band was narrowed, price granularity enhanced,
Coupled with day-ahead market, locational bias well nuanced.

Point of Connection Charge, part of sectoral reforms,
Facilitated market growth, by changing the sharing norms.

DAM, TAM and RTM, REC and ESCert schemes,
Collaborative efforts gave wings, to the Nation's dreams.

Scheduling, Congestion, Ancillary, Imbalance management sound,
Made physical market vibrant, Hunt's pillars firmly on ground.

Reference frequency set to 50, reserves ancillary fast and slow,
Gate closure, SCED, AGC, facilitates market to mature and grow.

SAMAST, CABIL, SANTULAN, sub-hourly architecture,
Are few hygiene factors, for transnational grid of future.

Flexibility, optimization, resilience, being pursued as a mission,
For security, economy, sustainability, in the greener global vision.