

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.2553
ANSWERED ON 11.08.2025

DEVELOPMENT OF INDIA ENERGY STACK

2553 DR. ANIL SUKHDEORAO BONDE:
SHRI LAHAR SINGH SIROYA:

Will the Minister of **POWER** be pleased to state:

- (a) whether Government has constituted a task force to develop the India Energy Stack as a unified digital infrastructure for the power sector;
- (b) if so, the key objectives and features of this initiative, including consumer ID systems and data-sharing frameworks;
- (c) the sectors or utilities selected for the pilot phase and the expected implementation timeline; and
- (d) the anticipated impact on reducing power sector costs and improving consumer services?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a): Ministry of Power has constituted a task force comprising domain experts and various stakeholders including representatives from Ministries, State utilities, Regulators etc to chart a roadmap for the India Energy Stack (IES).

(b): IES is envisioned to create a unified, secure, and interoperable digital platform to transform the power sector by enabling seamless data exchange, real-time analytics, and enhanced consumer services. It aims to create a standardised platform that will enable data, services, and systems to work together seamlessly across the power sector value chain.

(c): Selected distribution utilities of Delhi, Gujarat, and Mumbai have been identified for the pilot implementation and expected timeline for the same is FY 2026-27.

(d): By creating a unified, open, and modular digital backbone, it is envisaged that IES will facilitate in improving efficiency of distribution sector and enhance consumer-centric services through improved load forecasting, efficient demand response programs, active participation of consumers in energy trading etc.
