

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.1878  
ANSWERED ON 11.12.2025**

**NATIONWIDE ROLLOUT OF IES**

**1878. SHRI KRISHNA PRASAD TENNETI:**

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

- (a) the components, design architecture and functional layers of the India Energy Stack (IES) initiative envisaged by the Government along with the key outcomes expected;**
- (b) whether the Government has selected pilot utilities for the proof-of-concept implementation of the IES, if so, the details thereof including the names of such utilities and the criteria adopted for their selection;**
- (c) the proposed timeline and key milestones for the nationwide rollout of the IES;**
- (d) the budget allocated and the expenditure incurred to date for the development, testing and rollout of the IES; and**
- (e) the steps being taken to integrate the existing Operational Technology and Information Technology systems of GENCOs, TRANSCOs and DISCOMs with the IES to ensure interoperability and avoid duplication, fragmentation or technological isolation?**

**A N S W E R**

**THE MINISTER OF STATE IN THE MINISTRY OF POWER**

**(SHRI SHRIPAD NAIK)**

**(a) to (e): India Energy Stack (IES) is envisioned to create a universal digital blueprint for the power sector as a whole so that the disparate parts of the power system can connect and communicate securely through standard protocols. The Ministry has constituted a task force comprising domain experts and various stakeholders including representatives from Ministries, State utilities, Regulators, Gencos, Transcos, etc for roadmap of IES including its component and design. IES aims to create a standardised platform that will enable data, services and systems to work together seamlessly across the power sector value chain.**

**Distribution utilities of Delhi, Gujarat, Andhra Pradesh, Uttar Pradesh and Mumbai have been identified for pilot implementation and timeline for demonstration of the same is FY 2026-27. Fund allocated for the development of IES is Rs. 51.3 Cr, of which Rs. 3.88 Cr has been released.**

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