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LAUNCH OF VIRTUAL SMART GRID KNOWLEDGE CENTER
(VIRTUAL SGKC)
AND INNOVATION PARK

Gurugram, 08.03.2022

Hon' ble Union Minister for Power and New & Renewable Energy, Shri R. K. Singh along with the Hon' ble Minister of State for Power, Shri Krishan Pal Gurjar launched the Virtual Smart Grid Knowledge Center Virtual (SGKC) and Innovation Park virtually on 8th March, 2022, as part of Azadi ka Amrit Mahotsav celebrations. Sh. K. Sreekant, CMD, POWERGRID, Sh. Abhay Choudhary, Director (Projects) and Dr. Subir Sen, Executive Director (TD) were present during the inaugural function held at Ministry of Power.

The event was also attended by senior officials from the Ministry of Power (MoP), National Smart Grid Mission (NSGM), and the United States Agency for International Development (USAID). The event witnessed virtual participation from state leadership, distribution companies, industry, academia, and international institutions from India and across the world.

The SGKC has been established by Power Grid Corporation of India Limited (POWERGRID) a Maharatna CPSU under Ministry of Power, Government of India. The SGKC has been set-up by POWERGRID with support from the MoP and NSGM for the demonstration and advancement of frontier smart grid technologies. It is located within the POWERGRID Complex at Manesar, Haryana. SGKC aims to be one of the leading Centers of Excellence globally to foster innovation, entrepreneurship, and research in smart grid technologies and create capacities in the power distribution sector. The Virtual SGKC enables a digital footprint of the physical setup of SGKC, the need for which was felt during the COVID-19 pan-



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

demic. The platform presently hosts more than 50 solutions from over 30 technology partners across eight thematic areas spanning new and advanced technologies such as artificial intelligence, machine learning, blockchain, IOT, etc. The solutions which are physically present at SGKC premises at Manesar are also hosted on this platform. This includes solutions such as Advanced Metering Infrastructure (AMI), smart homes, microgrids, Outage Management System (OMS), etc. As a next step, a Technology Incubation Hub is planned to be set up in the SGKC campus to nurture startups and promote continuous innovation in the power sector by providing access to infrastructure, mentorship, market, and funding.

POWERGRID is a Maharatna Enterprise under Ministry of Power engaged in inter-state bulk power transmission. POWERGRID has 172,104 ckm of transmission lines, 264 Sub-stations and more than 464,292 MVA of transformation capacity. With the adoption of latest technological tools and techniques, enhanced use of automation and digital solutions, POWERGRID has been able to maintain average transmission system availability >99%.

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