

Adding New Energy To Chennai Corporation ICCC Smart Governance Centre

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NEW ENERGY
TO POWER

At a glance

The Chennai Corporation Integrated Command & Control Centre (ICCC) Smart Governance Centre is a pioneering initiative under the Chennai Smart City Project. This state-of-the-art facility, aimed at enhancing real-time monitoring, analysis, and decision-making, relies on cutting-edge technology. Numeric played a crucial role in powering this centre, which includes a 24/7 Command Control Room, dedicated response areas, and renewable energy integration. The facility proudly holds the IGBC Platinum Award for its green building practices.

The Challenge

The primary challenge was to align the project with the Greater Chennai Corporation's vision. This required meticulous planning and precise execution to integrate the new systems with existing operations without causing disruptions. Additionally, the project had to adhere to stringent green building standards to achieve IGBC Platinum certification. Ensuring the seamless operation of critical systems like the Data Centre, Command Control Room, and various emergency response areas was crucial, alongside maintaining high energy efficiency and minimizing operational costs.

Our Solution

The project required meticulous planning and execution to align with the Greater Chennai Corporation's vision of a smart, sustainable, and resilient urban governance centre. To meet the high demands of the ICCC Smart Governance Centre, Numeric provided a comprehensive UPS solution, which included:

- › **Four Keor HPE 80 kVA Units:** Ensuring uninterrupted power supply to the Data Center and 24/7 Command Control Room
- › **Two Keor T EVO 60 kVA Units:** Supporting critical areas such as the Workforce, Situation Room, War Room, and SOS Portal
- › **Two HPI33 20 kVA Units:** Offering additional redundancy and support

Each unit was strategically deployed to ensure seamless operations. This advanced setup featured our three phase UPS solutions with higher efficiency, compact footprint, and scalability of up to six UPS units, ensuring maximum operational efficiency, reliability, and energy savings. The installation timelines were carefully mapped out to ensure minimal disruption to existing operations while maximizing the efficiency and effectiveness of the UPS systems.

Achievement

The successful implementation of Numeric's UPS systems resulted in a state-of-the-art ICCC Smart Governance Centre, equipped with cutting-edge technology for real-time monitoring and decision-making. The integration of renewable energy and adherence to PEP Certification standards were instrumental in earning the IGBC Platinum Award, underscoring the project's commitment to sustainability. The successful implementation demonstrates our commitment to innovative energy solutions that support critical urban infrastructure. This project sets a benchmark for future smart city initiatives, showcasing how Numeric's expertise and advanced technology can solve complex challenges and drive sustainable urban development.

