

Track-1: BSES Rajdhani Power Ltd and LOHUM

BSES Rajdhani Power Ltd

Duration	Time Slot	Topic	Industry Visit
90 min	10.30 - 12.00	Energy Storage Project	BRPL Urban Microgrid Project (Solar + Storage) with Carport

BSES
BSES Rajdhani Power Ltd.

BSES Rajdhani Power Limited (BRPL) on 10th September 2021 inaugurated the first urban microgrid set-up in Delhi (Malviya Nagar) which will save 115 tonnes of CO₂ annually. Set-up at a cost of around INR 5.5 crore, the microgrid system consists of 100 kW solar and 466 kWh Lithium-ion Battery Energy Storage System (BESS).



LOHUM

Duration	Time Slot	Topic	Industry Visit
90 min	14.30 – 16.00	Battery Recycling	Integrated Lithium-Ion Battery Recycling & Repurposing

LOHUM

LOHUM has developed technology and infrastructure to recycle 2 GWh and reuse 300 MWh of battery capacity annually over the past three years. This achievement translates to recycling 100,000 battery packs, assembling 200,000 two-wheeler battery packs, or 10,000 tons of LIB materials. LOHUM started up in 2018, is on course to save 4 million MT of CO₂e by 2026 and has currently offset around 111,000 MT of CO₂e since its inception.



Track-2: BSES Yamuna Power Ltd and iCAT

BSES Yamuna Power Ltd			
Duration	Time Slot	Topic	Industry Visit
90 min	10.30 - 12.00	Energy Storage Project and Charging Infrastructure	BESS and Smart EV Charging Station
		<p>BESS: BYPL has commissioned solar rooftop microgrid installation (5-7 KW) with Lithium-ion battery storage (7-10 kWh).</p>	<p>EV Charging: BSES BYPL has started India's first 'Smart Managed EV Charging Station'. This station is capable of charging five EVs simultaneously. Integrated with BYPL's SCADA System, it allows for remote control and demand response compatibility to manage power demand variations. Consumers can locate the station and pay online via a mobile app.</p>
		  	

International Centre for Automotive Technology (iCAT)			
Duration	Time Slot	Topic	Industry Visit
90 min	14.30 – 16.00	Testing of EV Batteries and Components	Electrical and Electronics Lab (EEL)
		<p>The International Centre for Automotive Technology (iCAT) was established in 2006 at Manesar, Haryana, India.</p> <p>iCAT's Electrical and Electronics Lab (EEL) primarily undertakes testing, validation, certification, homologation & development of electrical and electronics products. The major business of EEL is from auto electrical and electronics products like xEV components, ECUs, batteries, speed limiting devices, vehicle alarm systems, vehicle tracking systems,</p>	  

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