

Media Release

Adani Electricity develops 1000 kVA trolley-mounted mobile sub-station.

- Trolley mounted substation can be used for hours to two or three months.
- Caters to emergency power supply requirement in case of sub-station equipment failure or releasing temporary load to commercial and residential consumers.
- Can be installed at any site, substation premises, exhibition and other locations.

Mumbai, February 25, 2021: As a pilot project, **Adani Electricity Mumbai Ltd (AEML)** in-house team has developed 1000 kVA trolley mounted mobile Sub-Station which can be placed from hours to two- or three-months span depending upon application for supply provision. The advantage of this trolley sub-station is, it requires minimum time as compared to conventional sub-station, hence it is used for catering emergency power supply in case of sub-station equipment failures or releasing temporary load to commercial and residential consumers.

The design of this mounted trolley was carried out through one of the fabrications cum licensed electrical contracting agency. Equipment selected for trolley sub-station are compliant to safety and international standards with necessary protection schemes. Equipment is so interconnected that power supply restoration / releasing loads is possible in minimum time frame.

Speaking on the in-house development of 1000 kVA trolley mounted Sub-Station, AEML spokesperson said, "This is ready solution for disaster preparedness and temporary supply provision, meant for limited time span at particular site. It can be installed at any site, sub-station, premises, exhibition, and other locations. The team is also planning to further multiply the capacity depending upon the network and project requirements. Currently AEML has deputed this trolley mounted mobile sub-station at Dahisar COVID-19 facility and the same is providing uninterrupted power supply since May 2020."

The traditional sub-stations are open to sky or part of building basement, unitized sub-stations of 250, 400, 630 and 1000 KVA rating. Function of these substations is to cater power supply to HT, LT, Commercial and Residential consumers.

As this mounted trolley substation is movable, it requires traffic permission for transportation as it needs separate towing vehicle for taking it from one place to another.

About Adani Electricity Mumbai Limited

Adani Electricity Mumbai Limited, part of the diversified Adani Group, is an integrated business of power generation, transmission, and retail electricity distribution. AEML



owns and operates the largest and the most efficient power distribution network in India. AEML serves over 3 million consumers spread across 400 sq. km. in Mumbai and its suburbs meeting close to 2,000 MW of power demand with 99.99% reliability, which is among the highest in the country. AEML provides excellent customer care services with the help of advanced technologies. **For more information, please visit www.adanielectricity.com**

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