



Date: 30-Jun-2022

Ref. : DP-VP-CS-GEN-0090-2022

To:

All Consultants/Contractors

MV Panel Manufacturers/Project Owners

## **Requirement of Electrical & Mechanical Interlock Between Earth-switch & DEWA Incomer (Live Cable) within Private MV Switchgear Panels**

Dear Customers,

We thank you for your continuous support in ensuring Safety & Reliability of the Electrical Power Supply and installations in all projects and premises in Dubai.

In order to enhance the safety and reliability of DEWA power supply, the below requirement shall be incorporated while submitting design approval drawings for new projects which require private MV Switchgear Panels at the point of connection with DEWA network:

- 1) The earth- switch towards DEWA incomer cable shall be provided with mechanical & electrical interlock, in order to prevent any operation under DEWA live cable conditions.
- 2) Suitable control logic/arrangement with operation philosophy shall be specified during the Projects' Design approval submission stage.
- 3) Availability and functional checks shall be demonstrated during DEWA inspection and commissioning stages.
- 4) Operational guidance shall be included for DEWA Incomer/Earth switch within the private MV switchgear panel with regard to the above provision.

Please arrange to incorporate the above requirement in all the project design & supplier specifications submitted to DEWA effective from August-1, 2022.

Thanking you in anticipation of your full cooperation.

For DUBAI ELECTRICITY & WATER AUTHORITY



**Rashed Humaidan**  
**EVP - Distribution Power**