

Applied solutions for high shares of Solar-PV in low and medium voltage distribution grids

ThankGod Ntem

Successfully completed the above 40-hour online training

from 1 April 2026 to 30 June 2026.

The final exam was passed with a mark of 73,33%.

The online training covered the following topics:

- Basics and assumptions regarding grid planning and grid operation
- Criteria and classification of situations and solutions
- RTS in distribution grids: conclusions and recommendations
- Voltage stability 1: voltage in low voltage grid above or below acceptable values
- Voltage stability 2: voltage in medium voltage grid above or below acceptable values
- Congestion management 1: transformer, line or cable overloads
- Congestion management 2: reverse power flow (e.g. from 22 kV to 110 kV)
- Congestion management 3: increased loss of power 11. Congestion management 4: lack of coordination among grid operators
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- situations and solutions in the field of grid operation and organisation
- RTS in distribution grids: conclusions and recommendations

Berlin, 30 June 2026

«Place, date»



Berthold Breid, CEO and Director