

IEC TC82 PT600 on-site meeting for international standardization of the VIPV testing and rating technology

Program of the Meeting

Timetable (CET and UTC+1)

February 13 (Monday):

09:00 – 09:30	Plenary explanation (incl. Q&A) of IEC, TC82, and PT600 (Our group)
09:30 – 12:00	Indoor testing curved PV modules using standard solar simulators (reproducibility among testing laboratories)
12:00 – 13:30	Lunch break with free discussion
13:30 – 15:00	Advanced testing of curved PV modules, including collimated solar simulators, other unique solar simulators, and outdoor measurement, including PV performance measurement of the integrated PV into the car body and inline testing of the VIPV panel and integrated vehicle.
15:00 – 16:30	Description and measurement of the curved surface and its impact on the performance
16:30 – 18:00	On-site measurement (shading matrix, solar irradiance, partial irradiance, dynamic irradiance, dynamic spectrum change, temperature) and the impact on the performance (power prediction)

February 14 (Tuesday)

09:00 – 10:30	On-site measurement (shading matrix, solar irradiance, partial irradiance, dynamic irradiance, dynamic spectrum change, temperature) and the impact on the performance (power prediction) -cont.
10:30 – 12:00	Energy prediction and measurement, Energy rating
12:00 – 13:00	Lunch break with free discussion
13:00 – 13:30	Summary of the meeting

Continued to technical tour to TNO (center of VIPV and SEV technologies in the Netherlands)