

***High penetration of PV in electricity grids:
international context***

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Abstract

The presentation will give an overview of high PV penetration scenarios worldwide in IEA PVPS member countries. Different support schemes and markets lead to high installation rates in various countries, reaching already technical limits for further installations. This contribution will highlight the key integration challenges for massive deployment of photovoltaics in electricity grids and describe possible technical solutions the increase the hosting capacity of distribution feeders as well as the overall bulk power system..