

Session Title: Digital Technology for Distributed Energy Resources

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Abstract Title: EV as Mobile Battery

Today, EV is becoming to be considered as mobile battery. EV can now power small devices such as mobile phones to larger items such as houses, buildings and even community. Nissan has been proposing the “Mobile Battery” concept under NISSAN ENERGY initiative to the society since 2011 and Nissan EVs have been used as power source in many countries. EV is clearly one of Distributed Energy Resources (DER). The presentation aims to give insights to audience the capability of EV as DER and future challenges in digitalization context for EV as DER for a large scale deployment.