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A Technical Guide to Conducting Distribution Impact Studies and Hosting Capacity Analysis for the Philippines Net-Metering Program

Virtual Training Sessions

Session 5: Hosting Capacity Analysis I

Wednesday, October 21, 2020 at 10:00-11:30 am (Manila time)

Session 6: Hosting Capacity Analysis II

Wednesday, October 28, 2020 at 10:00-11:30 am (Manila time)

These last two sessions of the virtual training series will introduce fundamentals of hosting capacity analysis and how hosting capacity analysis can inform the impact on distribution systems. Session 5 will provide fundamentals of what hosting capacity analysis is, how it is conducted, and best practices for methods and use cases from Hawaii. Session 6 will introduce hosting capacity analysis approaches at NREL and a use-case from Ghana, followed by a closing panel discussion session for pathways to conducting distribution impact studies and hosting capacity analysis for the Philippines net-metering program.

Session 5: Hosting Capacity Analysis I

| Time | Session Title and Subject Matter | Speaker |
|-------------|---|---|
| 10:00-10:05 | Session overview | USAID Clean Power Asia |
| 10:05-11:00 | <i>Fundamentals of Distributed PV Hosting Capacity Analysis – Hawaii Experience:</i> Best practices approach to hosting capacity analysis with high penetrations of rooftop PV on distribution circuits and isolated grid systems | Marc Matsuura, HNEI Leon Roose, HNEI |
| 11:00-11:30 | Discussion and Q&A | USAID Clean Power Asia |

Session 6: Hosting Capacity Analysis II

| Time | Session Title and Subject Matter | Speaker |
|-------------|---|---|
| 10:00-10:05 | Session overview | USAID Clean Power Asia |
| 10:05-10:50 | <i>Hosting Capacity Analysis Approach at NREL and Ghana Case:</i> Fundamentals of hosting capacity analyses and showcase NREL's work exploring hosting capacity analysis with distribution utilities in Ghana | Kwami Sedzro, Velocity Global (formerly NREL) |
| 10:50-11:25 | Panel discussion: <i>Pathways for Conducting DIS and Hosting Capacity Analysis for the Philippines Net-Metering Program</i> | Leon Roose, HNEI Froilan J. Savet, MERALCO |
| 11:25-11:30 | Closing remarks | Director Mylene C. Capongcol, Philippines DOE |