CCA Distribution Integrated Resource Planning

Planning increases DER value, lowers procurement cost for CCAs

Business of Local Energy Symposium

02 May 2017
The Local Duck – an example
Solar “Hair”
The Hairy Local Duck

Trending Hi-Pen Circuits (12kV) – Loch Ness Profile

Legend
- Commercial Load profile
- Residential Load profile
- Residential Load profile
- Residential Load profile

Greatest PV production period
10am-3pm

Source: HECO
DNV GL Suite of Modeling Tools

Applications

- Renewables Integration
- Frequency and Reliability
- Storage and DERs
- Resource Planning
- Policy analysis

- Congestion and renewable energy curtailment
- Asset valuation and market design
- Investment strategy
- Microgrids
- Voltage support

*DNV GL Proprietary Tools
Thank you!

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