

A microgrid brings together energy production and usage in one location. This contrasts with the conventional utility grid, where power is generated at a central plant and transmitted over extensive networks. Microgrids generate power right where it's needed, often employing a mix of DERs.

Distributed Energy

- **The enx IDRP Tool/Model enables a new cost-benefit framework for valuing DER.**
- Investments that are treated the same as traditional distribution investments
- DER investments demonstrated for multiple purposes and value (Demand Flexibility and Grid Services)



Smart City Infrastructure

- **The enx IDRP Tool/Model enables a new cost-benefit framework for valuing smart city infrastructure**
- Smart City infrastructure investments that are treated the same as traditional distribution investments.
- Locational smart city technologies that support smart city infrastructure and investment - demonstrated for multiple purposes and value.



C&I Smart Buildings

- **The enx IDRP Tool/Model enables a new cost-benefit framework for valuing C&I loads and Microgrids.**
- Investments that are treated the same as traditional distribution investments (C&I Prosumers)
- C&I locational Microgrids investments demonstrated for multiple purposes and value (Demand Response, Grid Services)



EV Charging

- **The enx IDRP Tool/Model enables a new cost-benefit framework for valuing EV Charging stations.**
- Investments that are treated the same as traditional distribution investments.
- Locational Microgrids investments that support EV Charging and demonstrated for multiple purposes and value.



Smart Lighting

- **The enx IDRP Tool/Model enables a new cost-benefit framework for valuing smart street lighting.**
- Investments that are treated the same as traditional distribution investments
- Smart Street Lighting investments demonstrated for multiple purposes and value (Grid Security, EV Charging, etc.)

