



GDS Associates, Inc.
ENGINEERS & CONSULTANTS

COMMUNITY POWER PORTFOLIO: PROCUREMENT, RENEWABLES & STORAGE, EV CHARGING, & DSM

November 4th, 2019 – Clean Energy NH Webinar

NH COMMUNITY POWER – ADDITIONAL PERSPECTIVE

- ❑ Allows municipalities and counties to develop/implement aggregation plans
 - Retail electric energy supplier
 - DSM, conservation, meter reading, customer services
 - Energy efficiency program operations and clean energy districts
- ❑ Avoids designation or regulation as an electric utility, while still granting access to utility customer data and meters
- ❑ Allows participation in ISO-NE
- ❑ Allows funding through new or existing municipal revenue bonds or loads
- ❑ Requires development and local government adoption of an “aggregation plan” with public input



OVERVIEW – FOUR MAIN BUCKETS

1. Energy Supply Procurement
2. Renewables and Storage
3. EV Charging
4. Energy Efficiency



ENERGY SUPPLY PROCUREMENT – KEY COMPONENTS

- ❑ Customer aggregation & needs assessment
- ❑ Supply procurement (through RFPs) including risk mitigation strategies
- ❑ Supplier selection
- ❑ Contract management
- ❑ Customer support
- ❑ Market participation & reporting



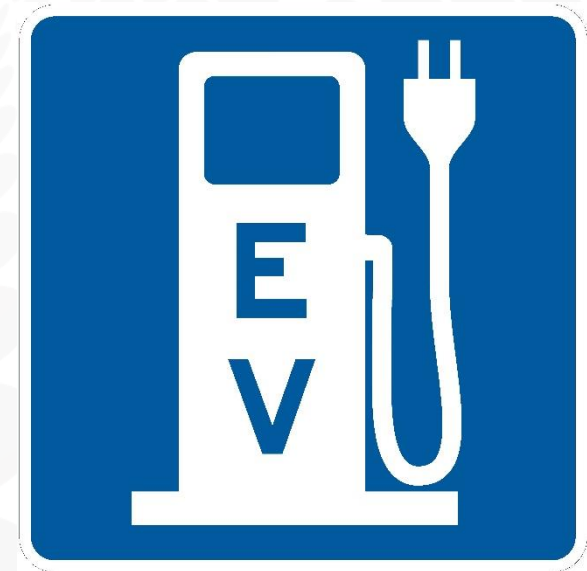
BUCKET #2 – RENEWABLES AND ENERGY STORAGE

- ❑ Incorporate renewables into aggregation's energy portfolio (existing hydro, new biomass, solar and wind)
- ❑ Assess economic & technical feasibility
- ❑ Align with community needs & procurement plans (NRPC's Renewable Energy Toolbelt)
- ❑ Use energy storage technologies to maximize citizen & community value



BUCKET # 3 – ELECTRIC VEHICLE CHARGING STATIONS

- ❑ EV charging stations community infrastructure needs & plans development
- ❑ Technology procurement
- ❑ Roll-out & operations



BUCKET #4 – ENERGY EFFICIENCY/RELATED SERVICES

- ❑ Demand-Side Management (DSM) & Conservation services
- ❑ Energy Efficiency program operations
- ❑ Clean Energy District development & implementation



KEY TAKE AWAYS



- ❑ Multiple opportunities under a single umbrella
- ❑ Which ones to pursue depend on individual communities' areas of interest
- ❑ Requires thoughtful development, implementation & administration of right-fit strategic plan



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