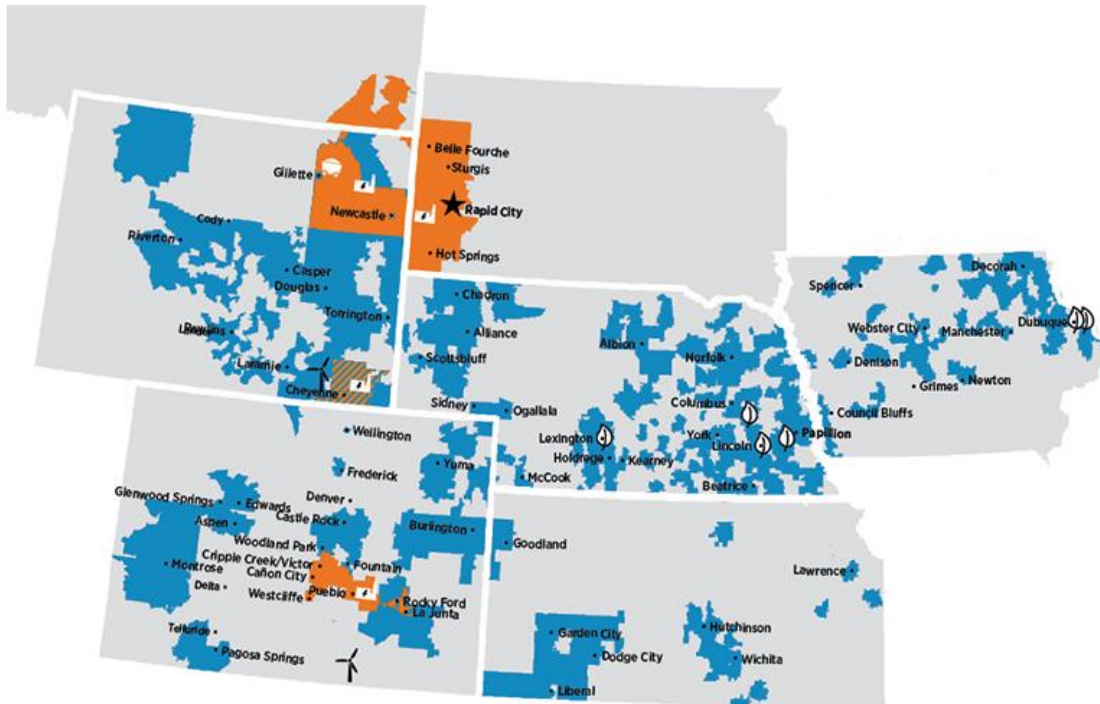


# Black Hills Energy

Demand and Distributed Energy Market  
Integration (“DDEMI”)  
Large Loads & Reliability

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- Electric Utilities
- Natural Gas Utilities
- Electric and Natural Gas Utilities
- Wind Generation
- Company Headquarters
- Renewable natural gas interconnection
- Mine



# Data Center Growth Projections 3 GW+

## Flexible Service Model

- Two tariff offerings providing flexibility for the unique needs of our customers with a mix of:
  - ✓ Market energy
  - ✓ Contracted resources
  - ✓ Utility-owned resources
- **Block Chain Interruptible Service- (“BCIS”)**
- **Large Power Customer Service- (“LPCS”)**

## Data Center Growth

- Cheyenne Light Fuel & Power (“CLFP”) peak load around 300MW
- +600MW by 2030
- 2.5GW in progress
- 10+ years serving data centers
- Each campus engineered differently
- Each customer has different service requirements

# Black Hills DDEMI Initiative Goals & Use Case

## Reliability

- **RDRR- Reliability Demand Response Resources**
  - Possible for LPCS Tariff (behind the meter "BTM")/backup generation)
  - BA Specific
  - BA Control
  - Reliability Parameters

## Economic

- **Non-Generating Resources (NGR)**
  - Utilized for BCIS Tariff
  - Assists with load shaving during high load & high pricing scenarios
  - Price Sensitive & Curtailable
  - Automatically reduce loads during high-price
  - Regulation & Reserves

# Black Hills DDEMI Initiative Goals

## Future State Campus

- Consideration for co-located mix fuel generation BTM
- Push/pull options
- Opt-out options
- Campus configurations- seeing many proposals for BTM setups