

# West Rapid City Substation

*230kV to 69kV Substation Build – Rapid City, SD*



# Black Hills Energy

Every day, we improve life with energy. We're more than an electric provider; we're a community partner. Our more-than 70,000 customers live in 38 communities throughout western South Dakota, northeastern Wyoming and southeastern Montana. We're an investor-owned utility and part of the Black Hills Corporation family.

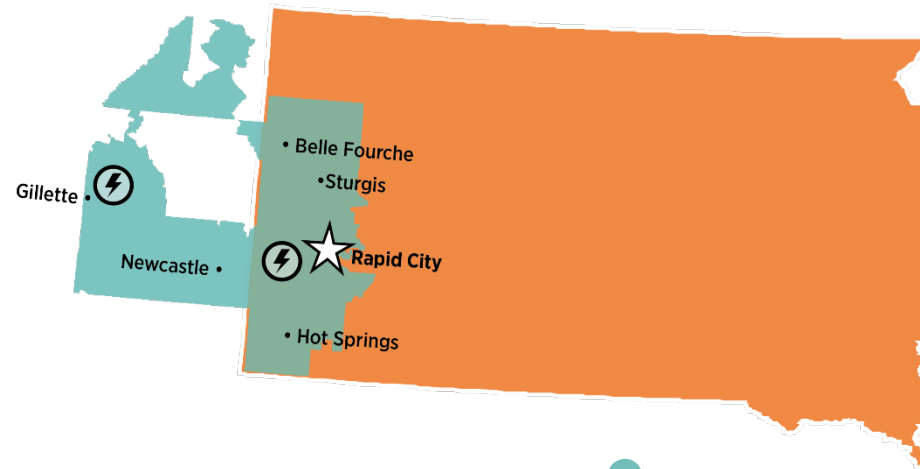
For 135 years, we've provided safe, reliable electric service to our customers. And we'll do that for the next 135 years and beyond.

## Major communities served

- Belle Fourche
- Box Elder
- Custer
- Deadwood
- Edgemont
- Hill City
- Hot Springs
- Keystone
- Lead
- Newcastle
- Newell
- Rapid City
- Summerset
- Spearfish
- Sturgis
- Upton
- Whitewood

## We own and operate generating facilities in:

- Gillette: 260 MW of natural gas and coal-fired generation
- Cheyenne: 55 MW of natural gas-fired generation
- Rapid City: 130 MW of natural gas and oil-fired generation



- Electric Utilities
- ⚡ Power Generation
- ★ Company Headquarters

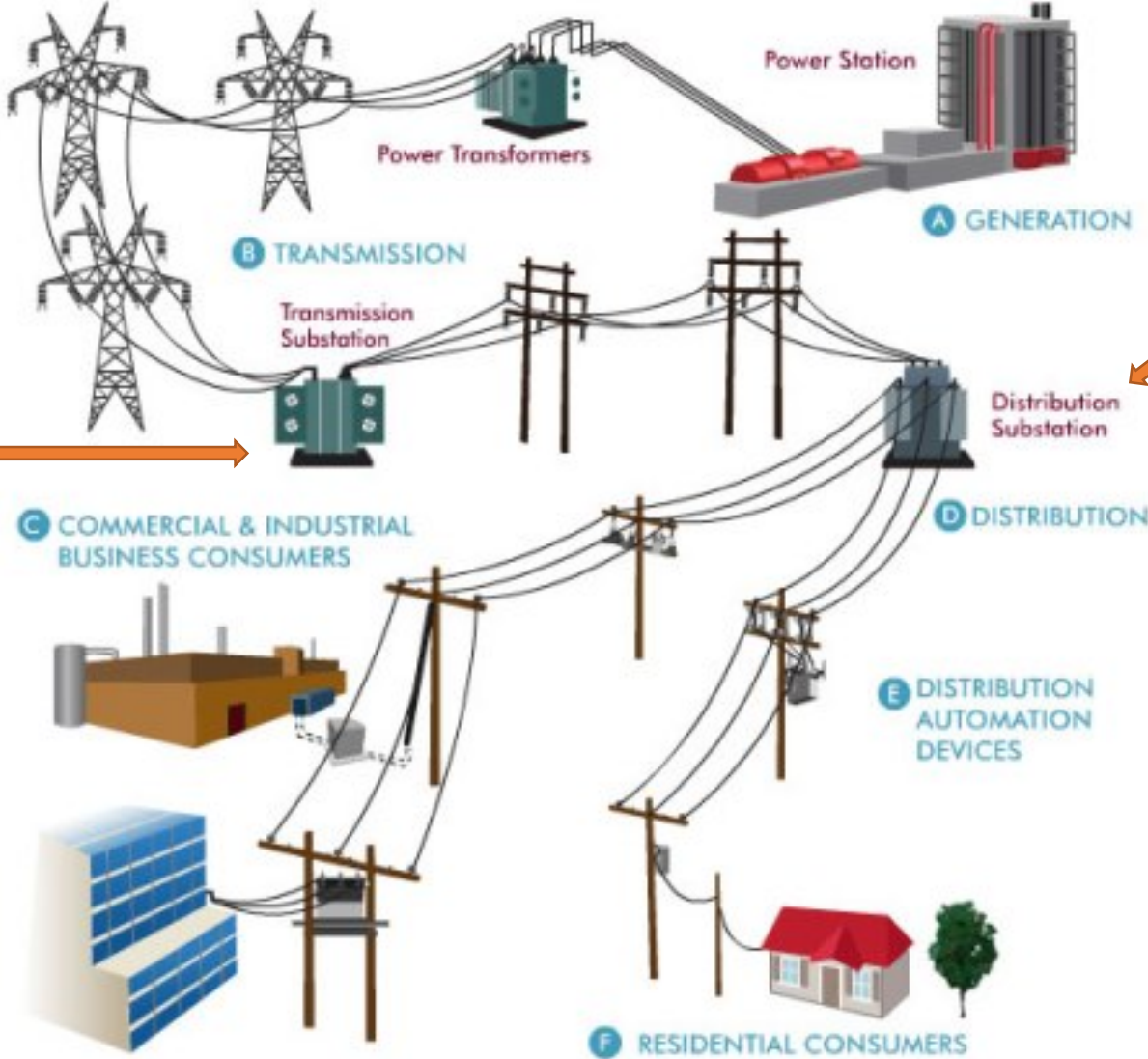
Cheyenne ⚡

## Fast facts

- 70,000 customers
- 38 communities served
- 235 employees
- 3,591 total miles of transmission



# How we deliver electricity...



West Rapid City Substation



Pleasant Valley Substation





# West Rapid City Substation

## Project Purpose:

- The build of the West Rapid City Substation is required to add capacity to the Rapid City area to support load growth and enhance system reliability.
- Black Hills Energy is committed to providing our customers with safe, reliable electric energy when they need it, where they need it; this commitment is demonstrated by our 99.9 percent reliability.
- Black Hills Energy anticipates customer needs well in advance because we cannot wait for electric system failure before initiating a process that can take years to complete.

# West Rapid City Substation



# West Rapid City Substation



# West Rapid City Substation





# West Rapid City Substation

## Project Scope:

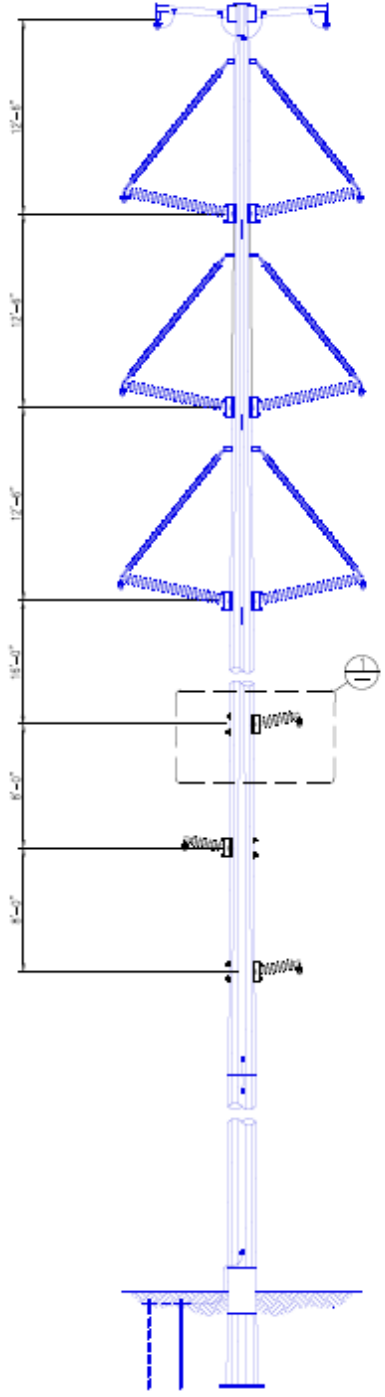
- Substation will be located on (3) acres behind BHE's Operations Service Center on 409 Deadwood Ave (old coal pile site).
- Build approx. 1.5 miles of transmission lines (in existing easements) to Substation site.
- Tie sub-transmission lines into new Substation (on BHE property).



# Existing



# Future



# West Rapid City Substation



# West Rapid City Substation

## Project Schedule:

- **May – December 2018:** Substation Design & Engineering
  - Communications:
    - Ward 5 Council members
    - Director of Public Works
    - Director Parks & Recreation
- **February – July 2019:** Permitting & Procurement
  - Public Works Committee update
  - SD PUC permit filed
  - City Permits
  - Media Release
- **July 2019:** Substation construction begins
- **August 2019:** Transmission line construction begins
- **May 2020:** Construction completed substation placed in service



# West Rapid City Substation

## Project Safety

- Safety is a top priority at Black Hills Energy for our employees, contractors, landowners and customers.
- Contractors and construction crews are equipped to handle the diverse hazards surrounding this project.
- Preparedness includes daily safety meetings, approved traffic & pedestrian safety control plans, safety equipment located at each job site, and training given to all project crew members.

# West Rapid City Substation

## Key Contacts

### **BHE South Dakota Electric Operations:**

- Marc Eyre, Director – BHE South Dakota Electric Operations  
Phone: 605-399-5075  
Email: Marc.Eyre@blackhillscorp.com

### **BHE Community & Media Relations:**

- Mutch Usera, Sr. Program Manager - Community Affairs  
Phone: (605) 484-1476  
Email: Mutch.Usera@blackhillscorp.com

### **BHE Project Manager:**

- Ron Williams, Sr. Project Manager - Transmission & Engineering Services  
Phone: (605) 721-2471  
Email: Ron.Williams@blackhillscorp.com



# VISION

Be the Energy Partner of Choice.

# MISSION

Improving Life with Energy.

## COMPANY VALUES



### Agility

We embrace change and challenge ourselves to adapt quickly to opportunities.



### Customer Service

We are committed to providing a superior customer experience every day.



### Partnership

Our partnerships with shareholders, communities, regulators, customers and each other make us all stronger.



### Communication

Consistent, open and timely communication keeps us focused on our strategy and goals.



### Integrity

We hold ourselves to the highest standards based on a foundation of unquestionable ethics.



### Respect

We respect each other. Our unique talents and diversity anchor a culture of success.



### Creating Value

We are committed to creating exceptional value for our shareholders, employees, customers and the communities we serve...always.



### Leadership

Leadership is an attitude. Everyone must demonstrate the care and initiative to do things right.



### Safety

We commit to live and work safely every day.