



# Idaho Power Response to Blaine County Surcharge Proposal

September 10, 2020

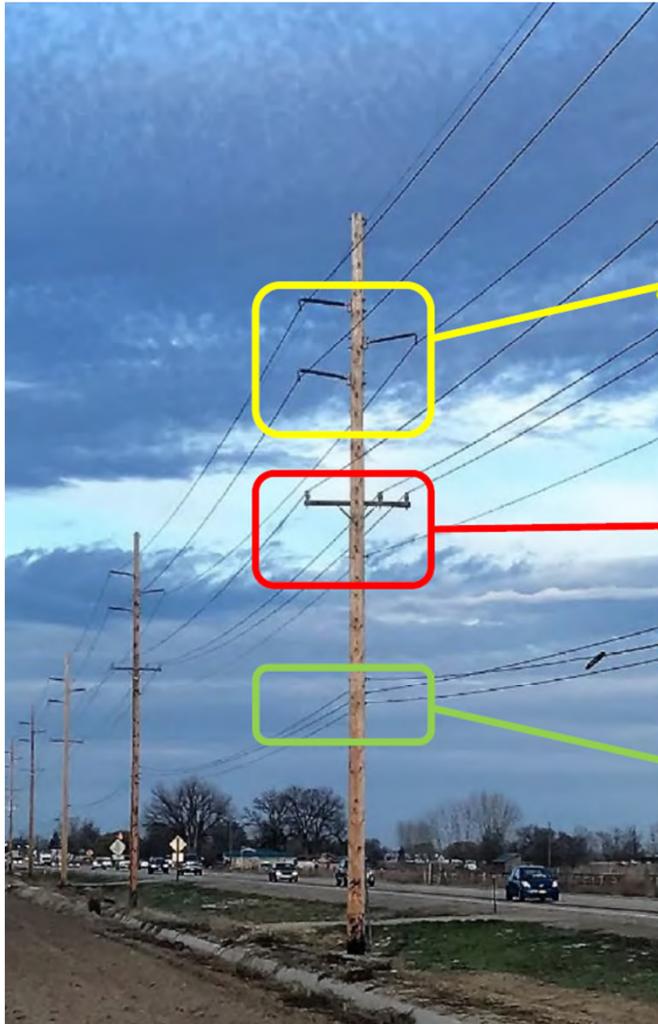


## 3% Surcharge Analysis

- **Undergrounding Project (based on Blaine County preferences):**
  - All distribution lines along existing transmission pathway
  - 1.1 mile segment of the proposed transmission line from Elkhorn Road to South Hospital Drive
- **Funding & Term:**
  - 3% surcharge based on Blaine County customers' 2019 billed revenue
  - Surcharge would collect \$9.1 million over 20 years



## How the Electrical Grid Works



### Transmission (Interstate Highway)

- Moving electricity over the grid between substations

### Distribution (Local Roads)

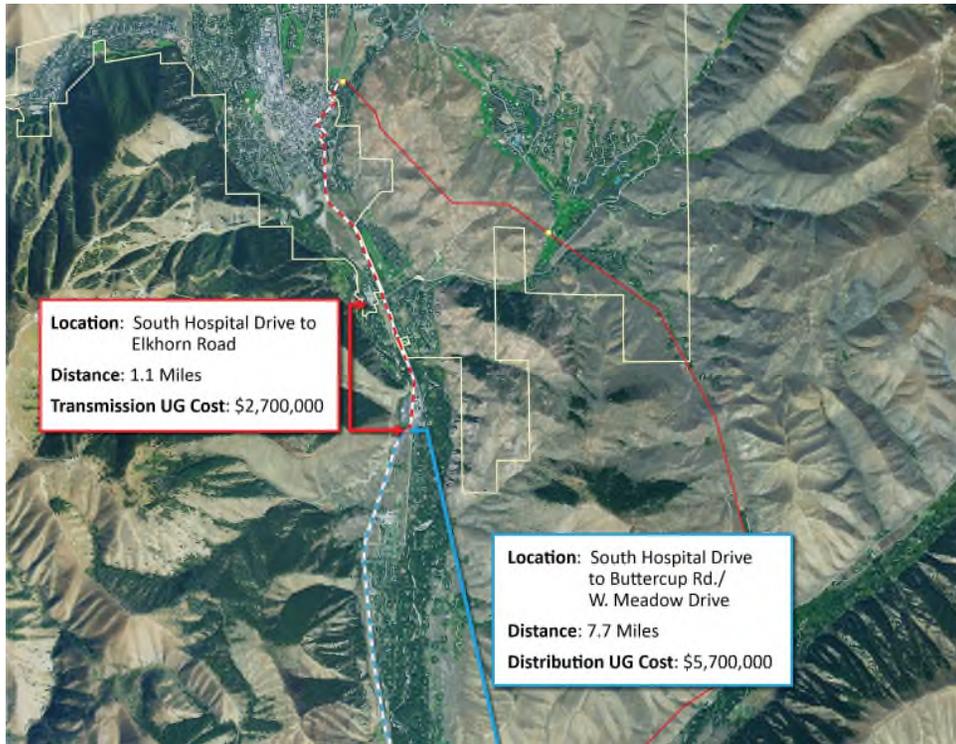
- Delivering electricity to customers from the substation

### Other Utilities

- We share our poles with other utility providers (cable, phone, fiber)



# 3% Surcharge Analysis – Overview Map





# 3% Surcharge Analysis

## Typical Existing Distribution Pole(s)

3 Conductors

1 Neutral

1 Comm.



Single Circuit

3 Conductors

3 Conductors

1 Neutral

1 Comm.

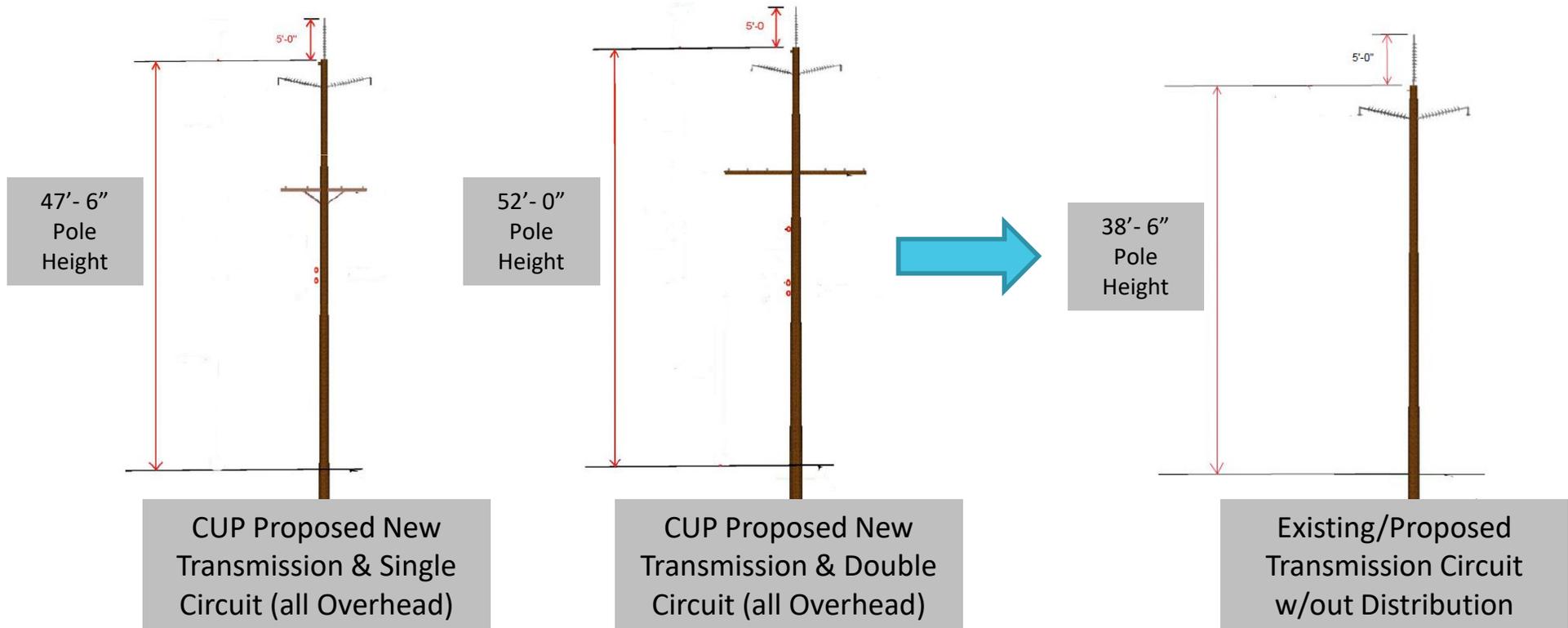


Double Circuit



# 3% Surcharge Analysis

## Typical Proposed Transmission Pole(s)



Measurements are accurate, images are not drawn to scale



# 3% Surcharge Analysis Pole(s) Comparison





# 3% Surcharge Analysis

## Existing Distribution & Transmission in Hailey





## 3% Surcharge – Billing Mechanism

- **Monthly Flat Charge:**
  - Idaho Power would apply a monthly “flat” (non-variable) charge to Blaine County customers’ bills
  - Customers would pay the same amount each month based on their customer “type” – Residential, non-residential, and unmetered (*see estimated amounts in chart*)
  - A flat charge is appropriate because undergrounding is not related to a customer’s energy use or demand

### *Estimated Bill Impact*

Customer Type	Monthly Charge
Residential	\$3.57
Non-Residential*	\$8.43
Unmetered	\$3.77

*\* Non-residential includes commercial, industrial, and irrigation customers*