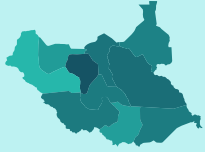




# Community Infrastructure (Galena)

## Built Environment



Area

**63.4 km<sup>2</sup>**

Major flood incident in 2013

# buildings



**173** Housing Units  
(Built: 1970s)

Occupancy rate **72%**

**79** Other units  
(47 government/public, and 32 commercial)



**2**

Churches

locally owned stores, a few B&B and visitor accommodations



**1**

Health Clinic

Community hall

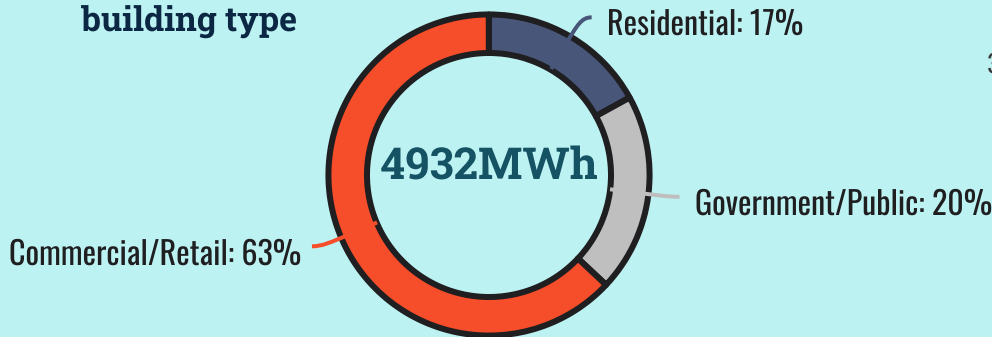


**3**

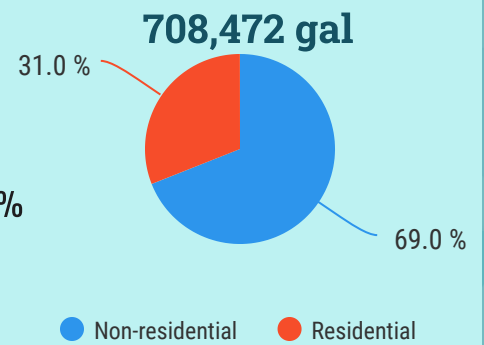
educational facilities (Galena City School District)

Galena Interior Learning Academy (GILA) - located on former US Air Force base

### Electricity consumption by building type



### Heating oil consumption



## Energy Generation Infrastructure



**4.6MW**

Installed capacity of diesel plant



**67kW**

Installed capacity of Solar plant



**4.5 MM BTU**

Biomass boiler for heating GILA campus

## Access & Transportation



- Sub-regional hub for surrounding villages
- Ice free from mid-May to mid-October
- No year-round road access (ice road in the winter)
- Yukon River an important corridor



Flights from Fairbanks and Anchorage Airport with two airstrips:

**7249 ft** long paved

**2786 ft** long gravel



**45 miles** of developed (unpaved) road within the community



- People mostly rely on cars
- In winter ATVs and Snowmobiles are popular
- ~143 personal vehicles in the community
- Galena (and other Alaskan communities) exempt from vehicle registration



Community Energy Gateway

CASES

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