

**Alaska Solar  
2016-2025**

**2016  
0 Employees  
8 installations  
25 kW**

**2018  
5 Employees  
63 Installations  
307 kW**

**2025  
17 Employees  
~110 Installations  
~1648 kW**



**Slide 1**



# Solar is Getting Bigger





**CEA-Sullivan 85 kW**



**CEA-Community Solar 639 kW**





# Solar Worldwide Trends

## Cheaper Panels

400 W Panel

2025 \$155

2016 \$320

2006 \$2000

Note: 2025  
Worldwide  
\$60-80

Source: Alaska Solar

## Lower \$/kWh

Combined Cycle  
Natural Gas- \$39/kWh

Solar \$19/kWh

Solar Plus Battery  
\$31/kWh

Source: US Gov, Energy Information  
Administration 2023

## Solar Electricity Portion

For 4 decades-10X each decade

2024-6% of Global Electricity

2034-> 60% of Global Electricity

Note: Increasing  
Supply & Demand

Source: Economist June, 2024





## Headwinds:



## Tailwinds:

- Gas shortage highlights solar
- Annual net metering seen as asset to save gas for heating
- Increased advocacy by CEA and others for solar on grid
- Some projects already funded
- Solar for All Program



# Achievements

- Over 700 Homes and Businesses saving money.
- Over 15,000 solar panels installed.
- Over 9 Million kWH produced
- Over 9000 tons of carbon offset
- Each year capacity goes up, but no solar goes off line.