



2020 Idaho Award for Leadership in Energy Efficiency



# Naples Sawmill Celebrates Success

## Projects Implemented

### Upgraded chip conveyer system

Alta installed an energy-efficient chip conveyer instead of a feeder and blower system, reducing energy intensity by more than 50%.

**360,000 kWh/yr**

### Installed variable frequency drives on saw heads

The pioneering method of sawing cedar at reduced blade speeds resulted in a higher-quality cut with less energy.

**156,000 kWh/year**

### Upgraded lighting, a continuous process

A variety of location specific lights were replaced to save energy, improve safety, and provide a better working environment.

**75,000 kWh/year**

### Reduced speed on sawdust blower

Retrofitted 125 hp sawdust blower motor with a variable frequency drive. Utility incentive reduced simple payback to 2.3 years.

**206,000 kWh/year**



# \$149,000

Energy cost savings to-date



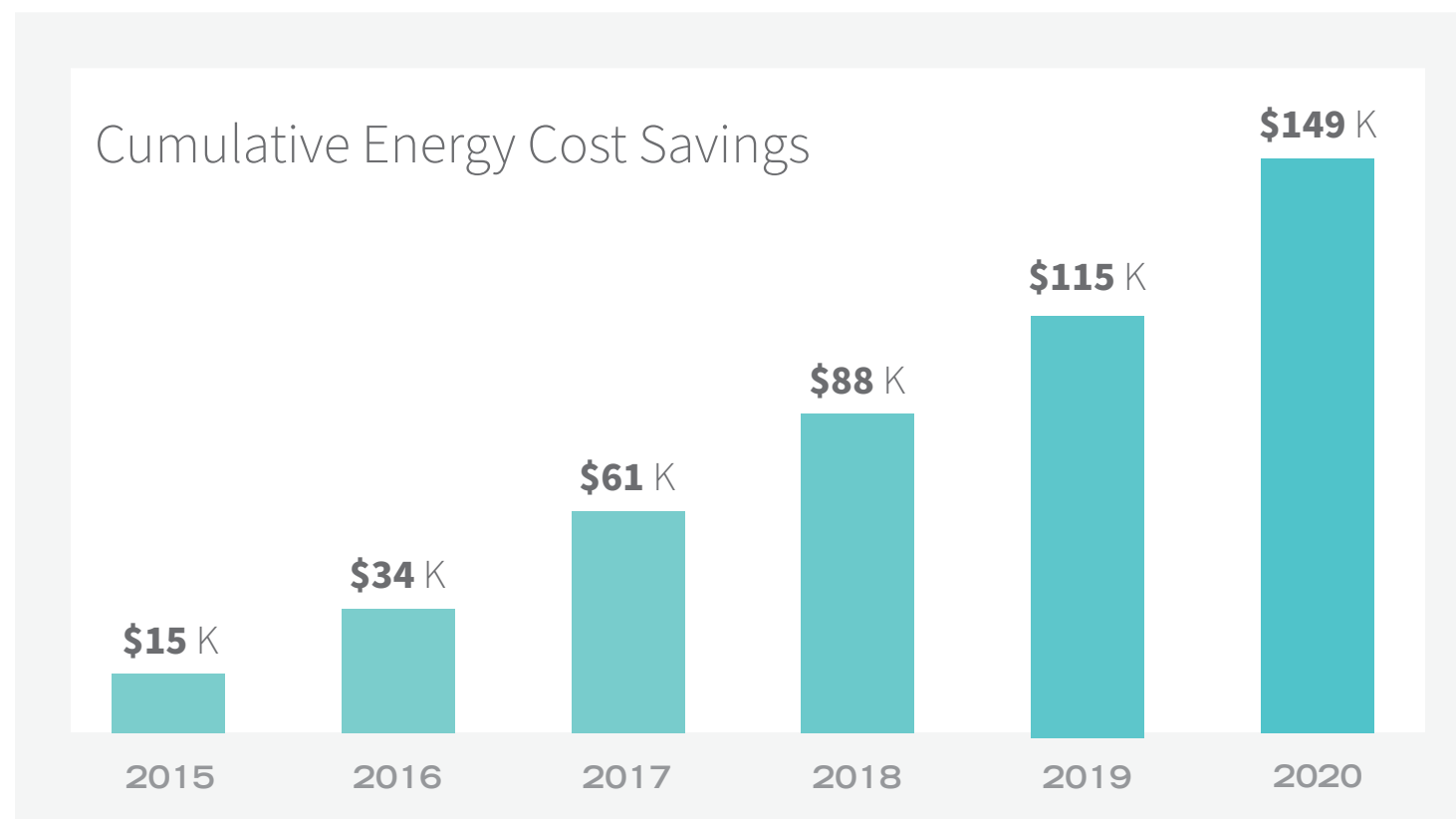
# \$250,000

Alta's Total Capital Project Cost



# 800,000

KWh Annual Energy Savings



#### MEMBERS OF THE ENERGY TEAM:

TOP ROW: **Jacob Parker**, Electrician • **Ryan Comer**, Operations Manager • **Kelley Kimball**, Lead Electrician

BOTTOM ROW: **Sterling Woomert**, Electrician • **Dale Dryer**, Electrician