



Performance
Services



Covington Independent Public Schools Year 3 Energy Savings Report

September 23, 2021





Year 3 Energy Savings Report

- Scope of Work
 - Lighting conversion to LED
 - Solar system installations at Carlisle ES and Chapman Ed Center at the Holmes Campus
 - Complete HVAC (heating, ventilation, and air-conditioning) retrofit of Ninth District ES
 - Targeted upgrades of select HVAC Systems
 - Digital Control of HVAC Systems



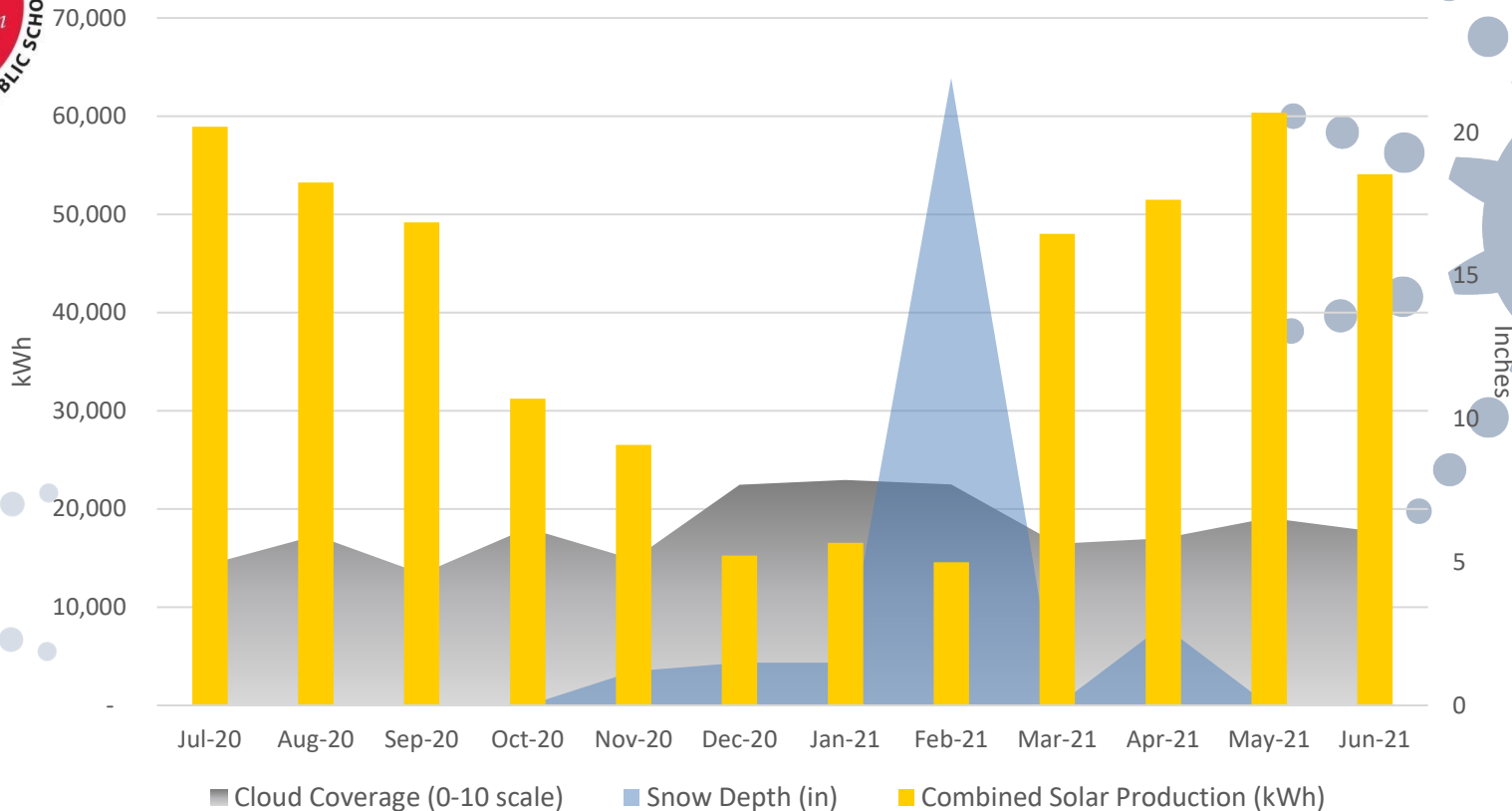


Year 3 Energy Savings Report

- Base Year (2015) v. Y3 (July 2020-June 2021)
- Energy Use Reduction:
 - 2,930,173 kWh (41.6%)
 - 7,548 therm of Natural Gas (2%)
- **Solar System Production of 479,450 kWh**
 - 79% of normal production
 - **Sun exposure was 78% of normal**

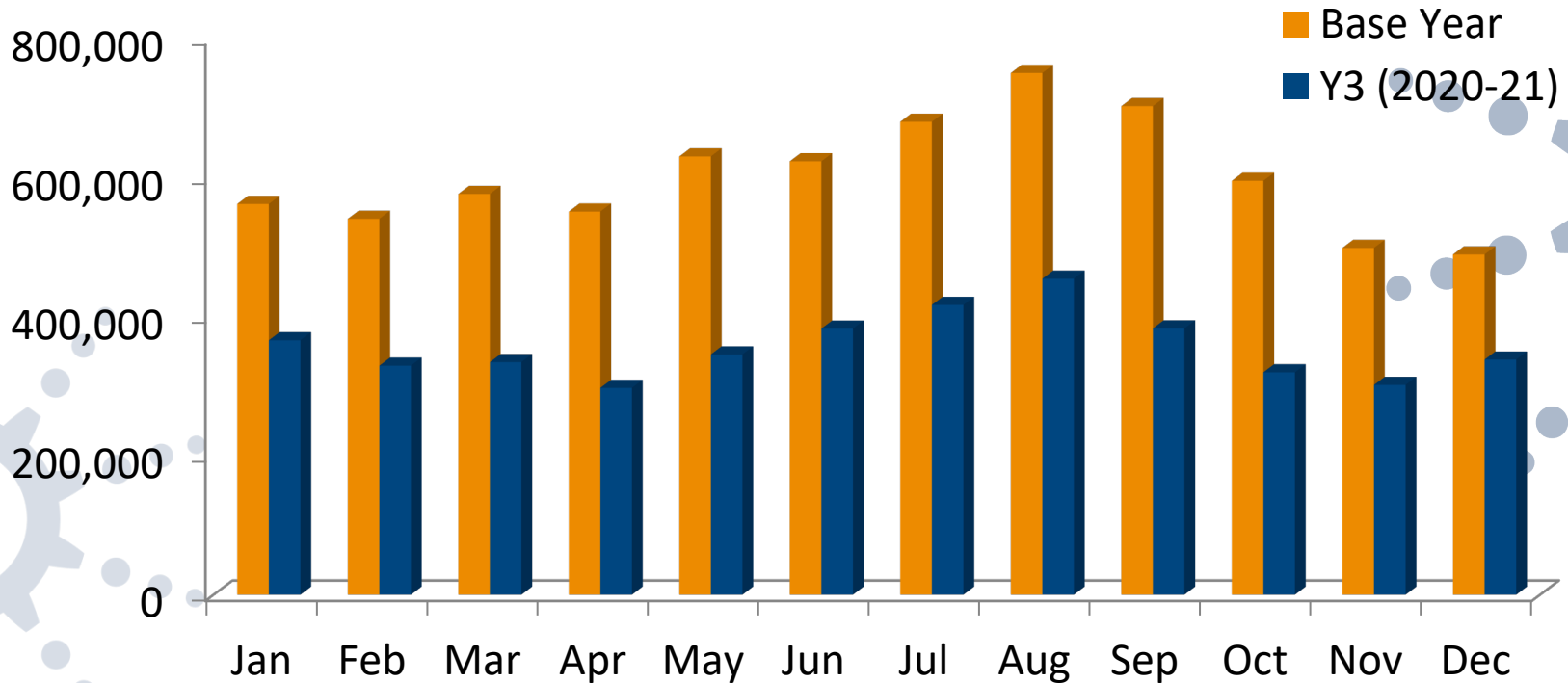


Solar Production Analysis





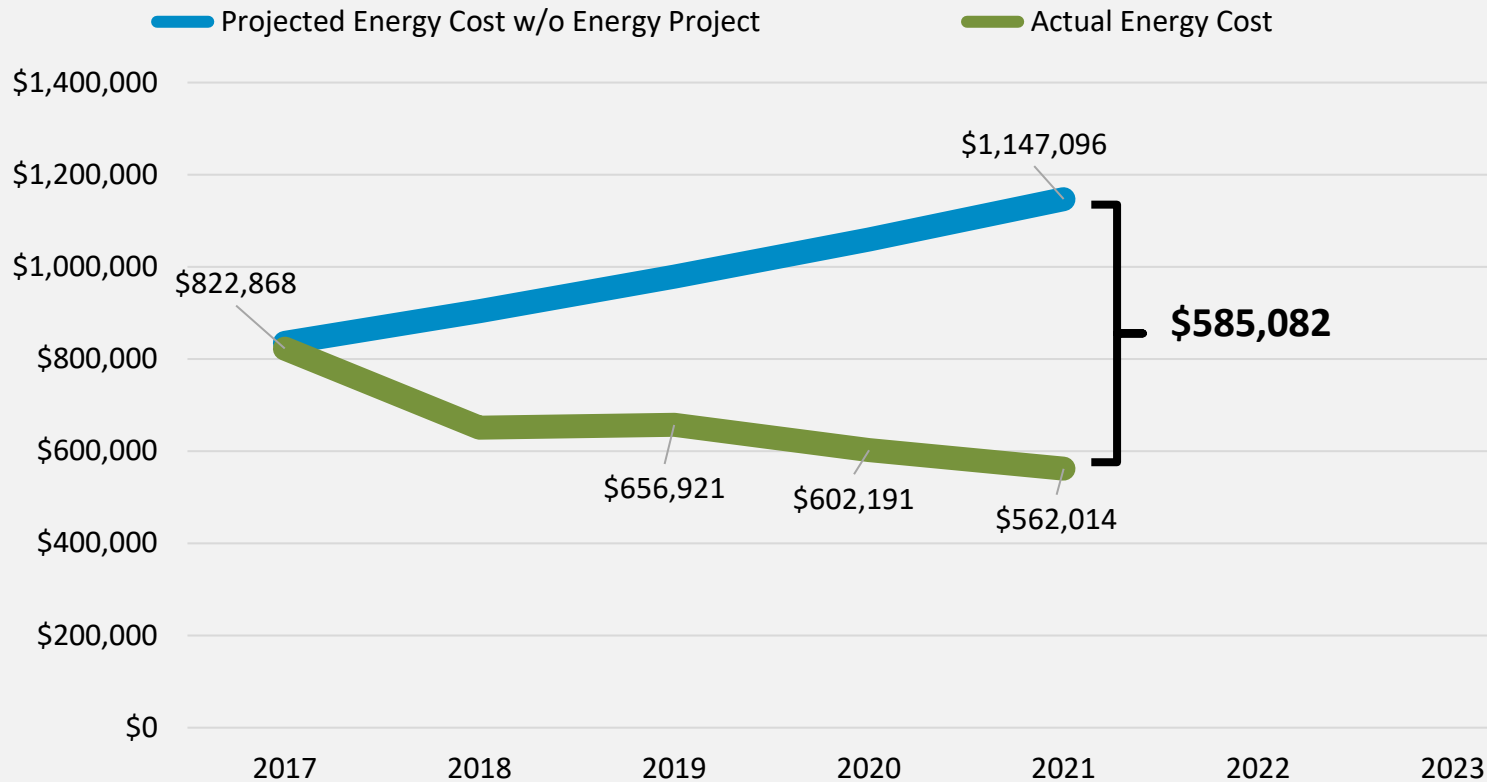
Combined Electrical Use (kWh)



Electrical Use is down 41.6%



Energy Savings Project Results





Energy Savings Project Update

- Energy Star Candidates
 - Ninth District ES
 - Sixth District ES
 - Latonia ES
 - Carlisle ES





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