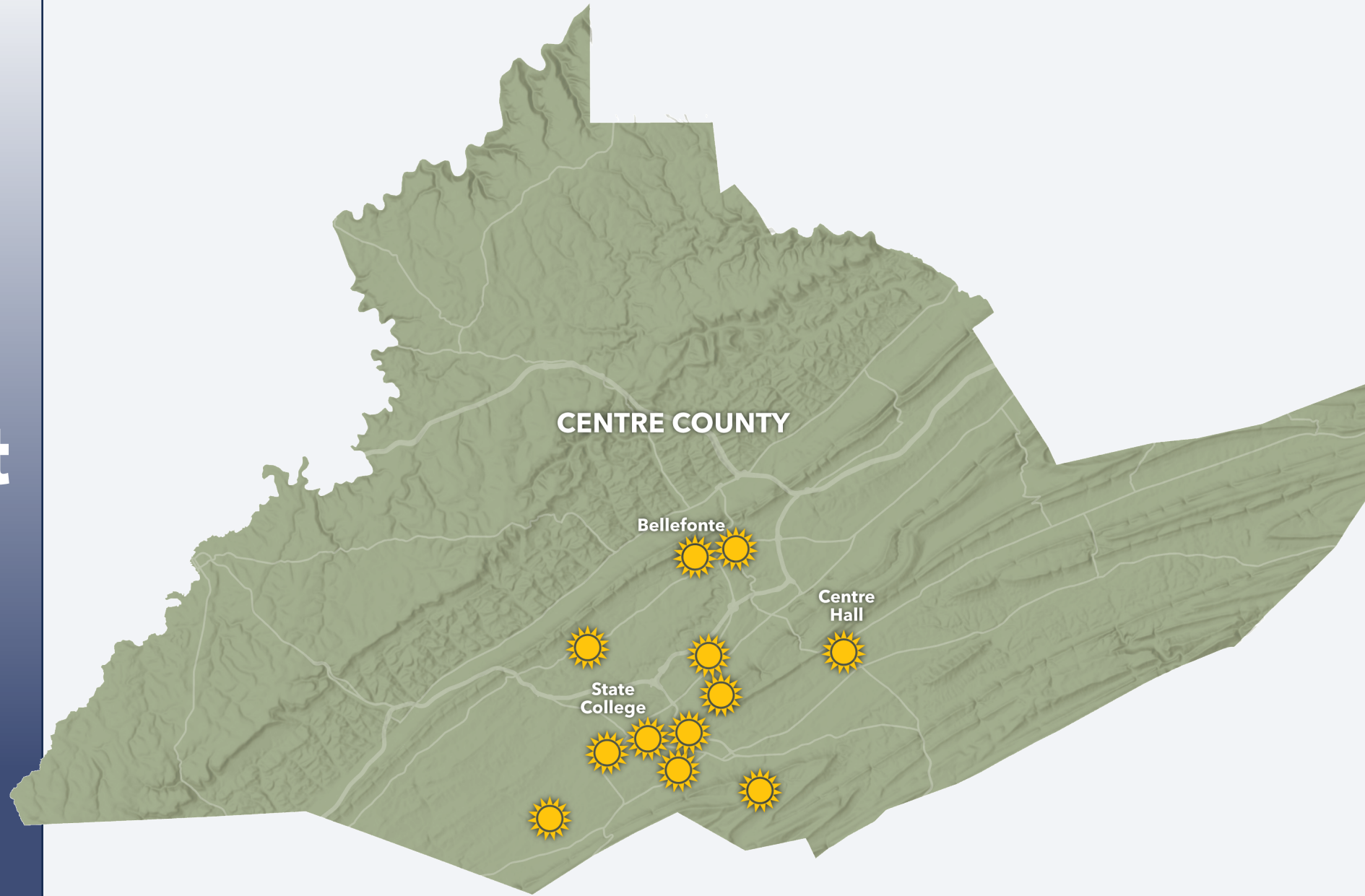


**Power
Purchase
Agreement
(PPA)
Update
January 24, 2024**



Electricity Procurement

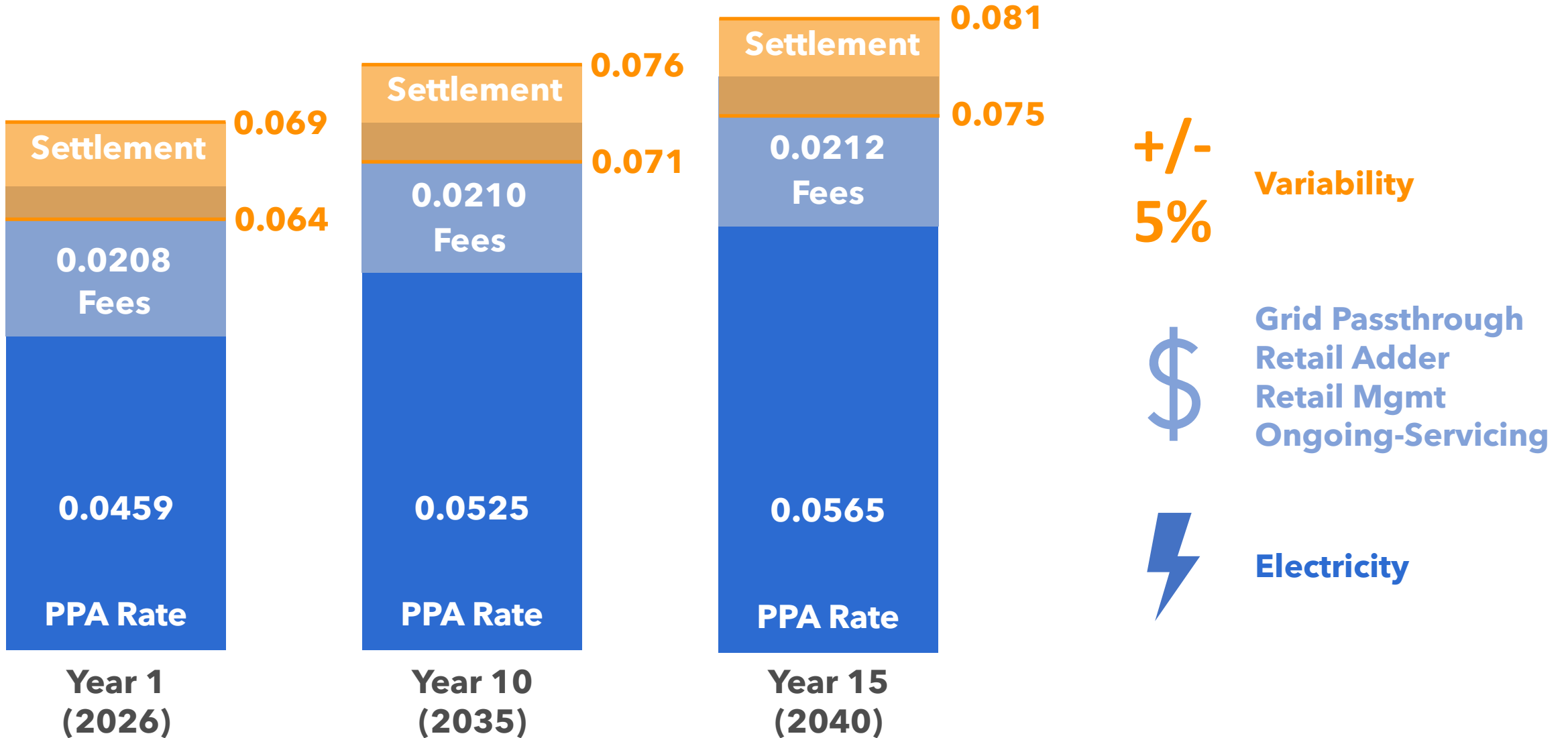
Current

- Electricity Contract, 1 – 5 years
- Electricity invoice, monthly, bundled supplier and utility costs

Future

- Fixed rate for electricity from solar, 15 years
- Electricity invoice, monthly, unbundled
- Direct Energy invoice, monthly
- Energy Services invoice, annually

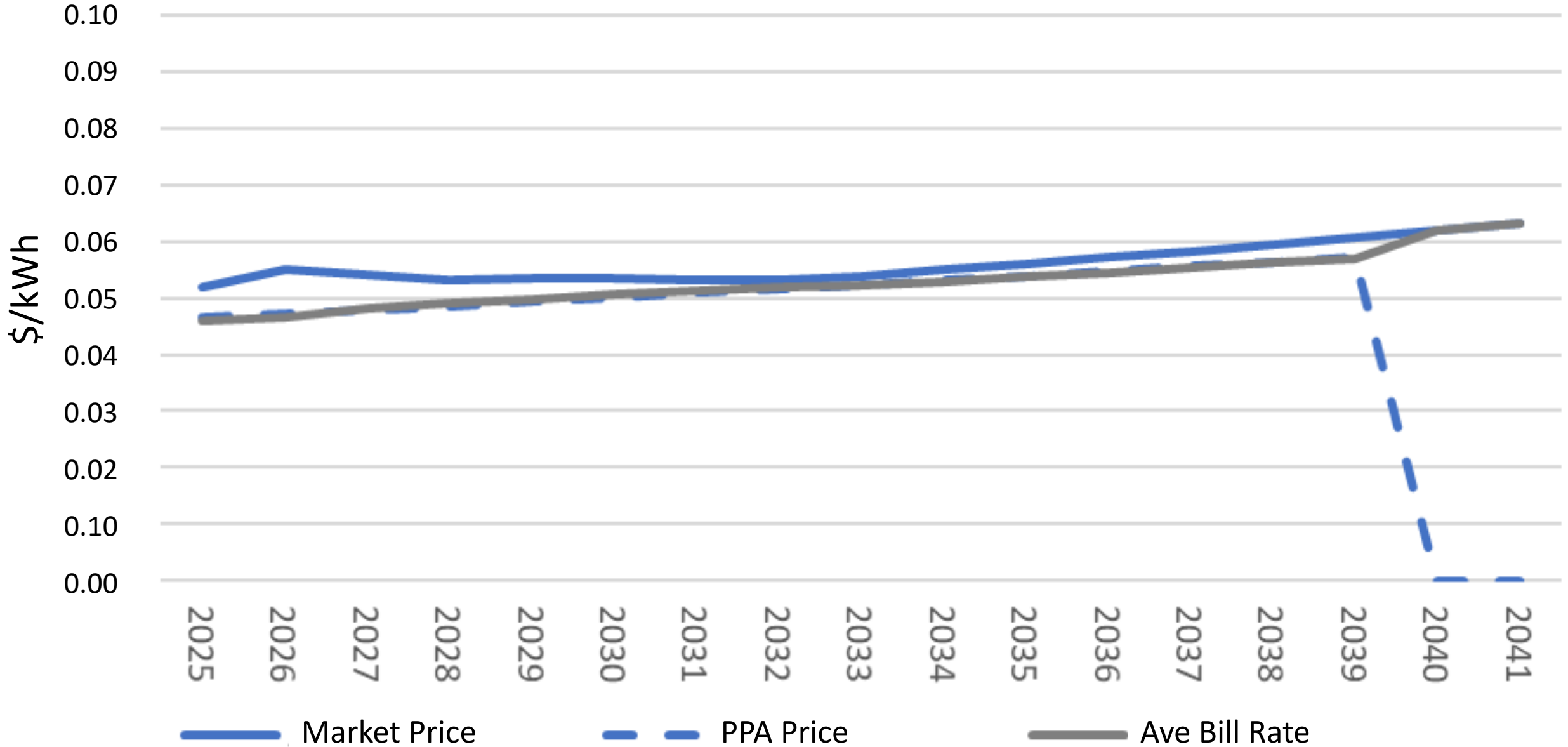
Electricity Supply: Projected Rates per kWh



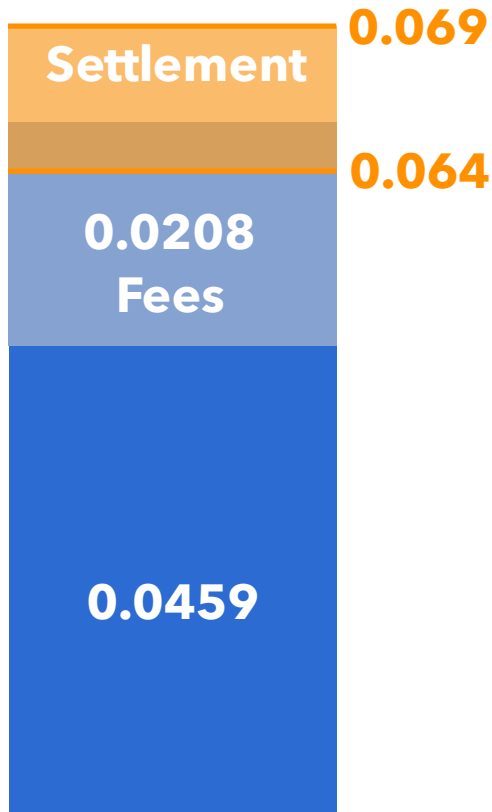
12/6/23

Future Market Prices

Electricity portion only



Potential for Savings: Year 1



**PPA Rate
(2026)**

State College Borough Water Authority Example:

$$= \$0.0045 * 4,847,987 \text{ kWh} = \$21,816$$

$$= \$0.0095 * 4,847,987 \text{ kWh} = \$46,056$$

Estimated savings in Year 1
for the Working Group =

\$124,000 – \$263,000



**SCBWA
Contracted Rate
(Dec 2025)**

Carbon & Renewable Energy Goals

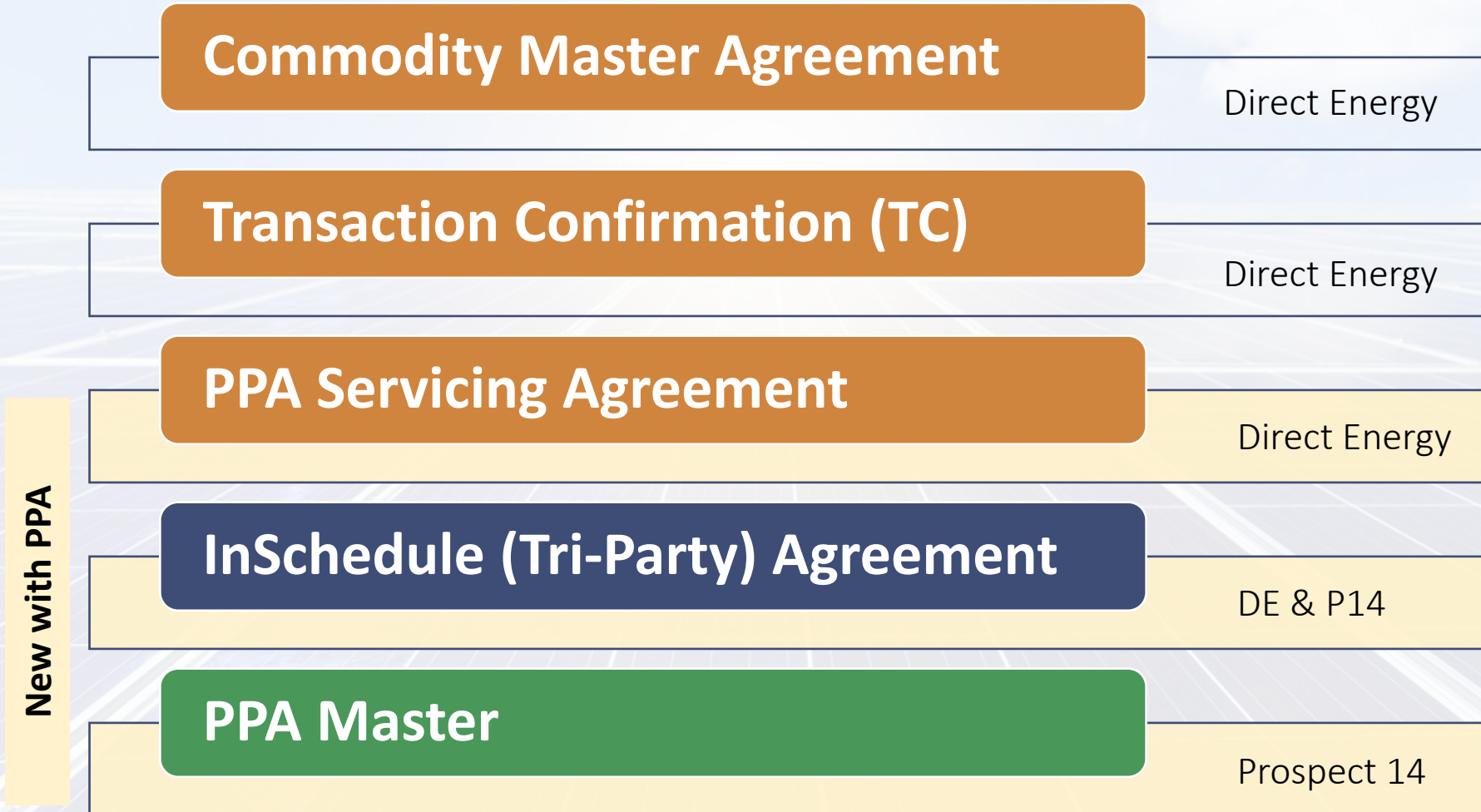
We are part of a solar project that is helping to diversify the PA electric grid

- 22 MW solar array in Centre County
- Provide 82% of the total electricity used by the 12 member organizations
- It will remove 16,000 MTCO₂e emissions from the PA electric grid
- It is equivalent to 3,823 homes' electricity use for one year

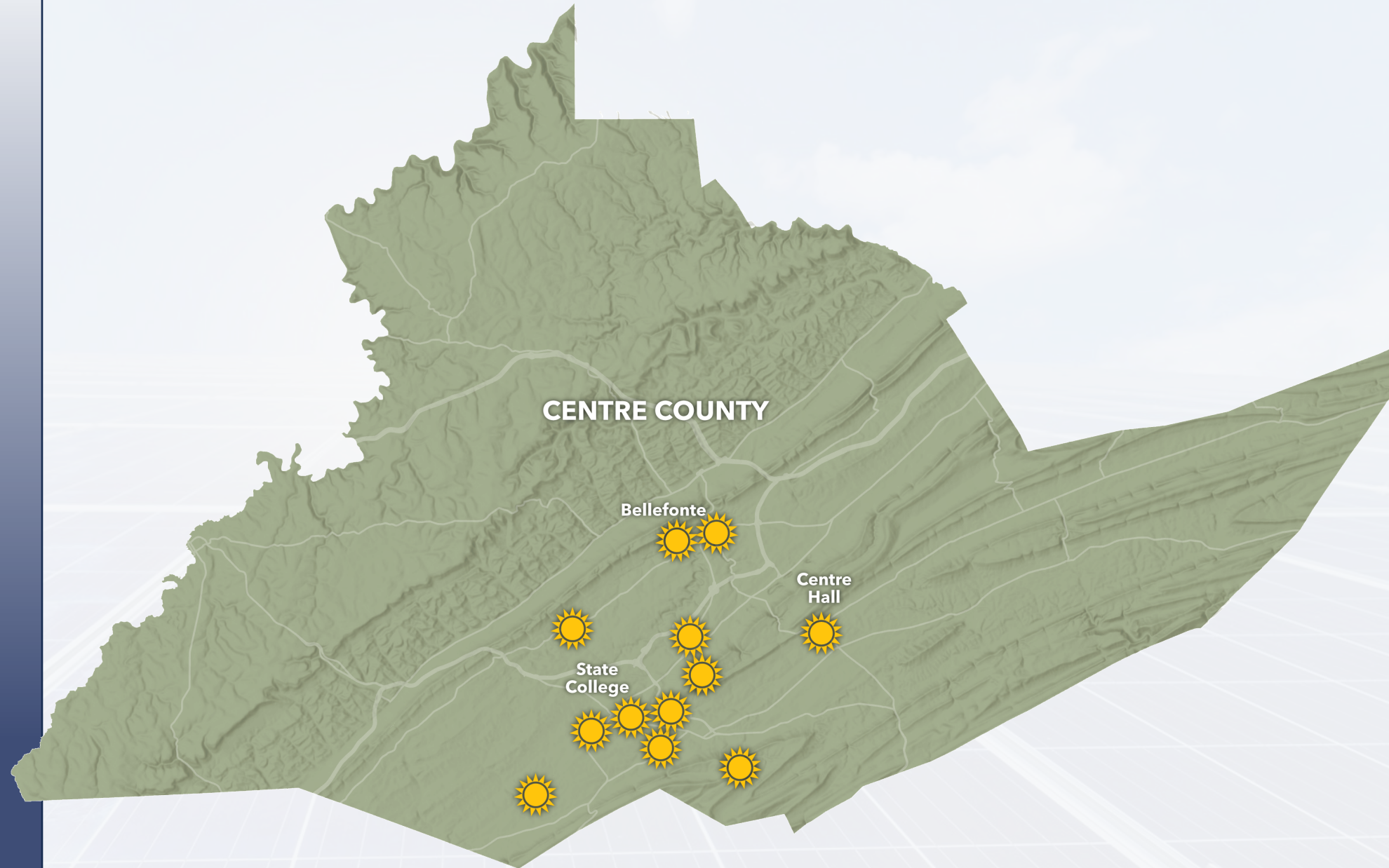


Negotiate
contract
terms & sign
a PPA

PPA Contracts



Questions?



PPA Management – On-going Energy Services



Monitor the PPA

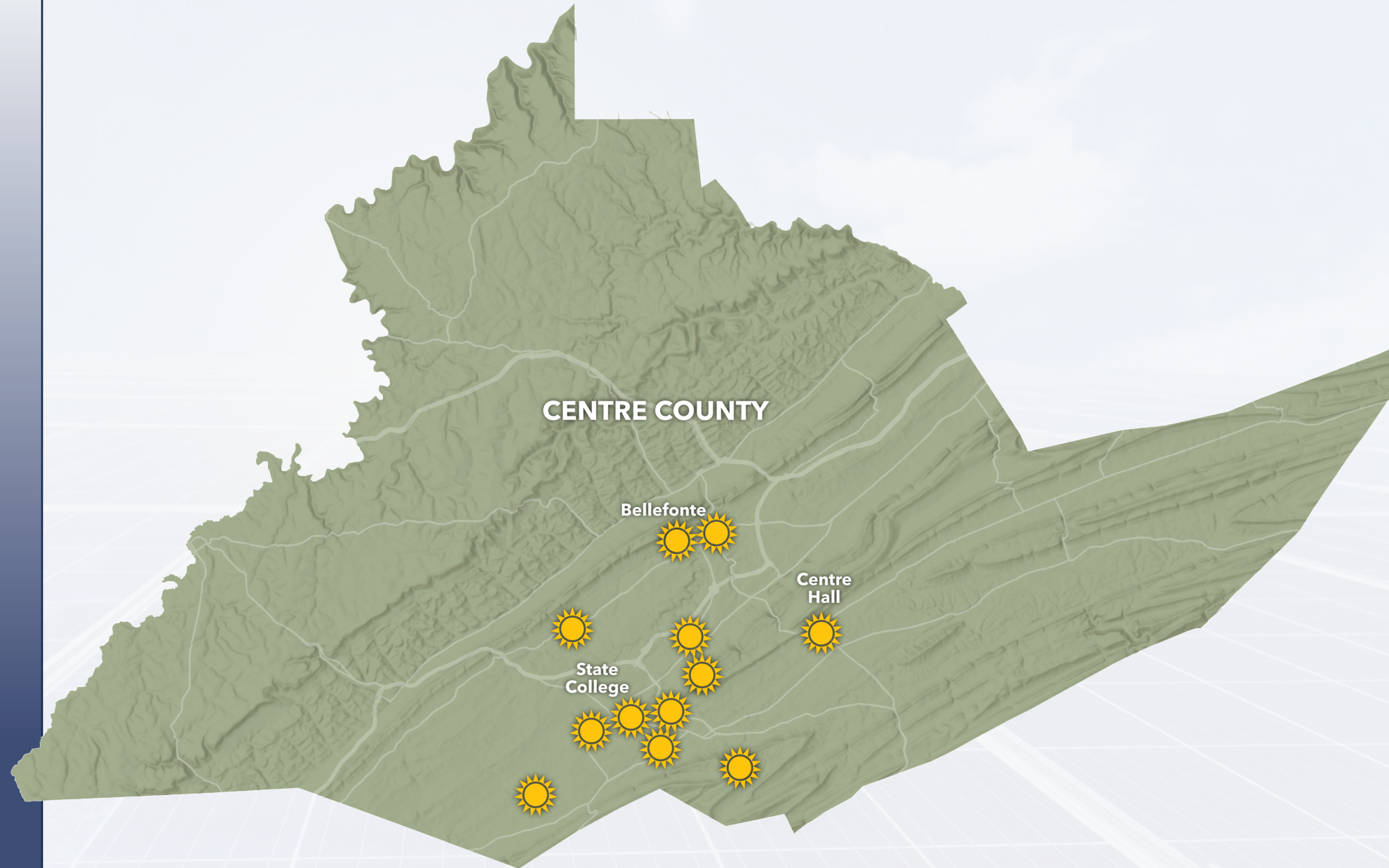
Submit monthly approvals

Periodic review of charges and generation

Advise on non-solar electricity and RECs

\$42,000/year – PPA execution

Questions?



Next Steps

- | | |
|---------------------|---|
| Jan 24, 2024 | SPPA Working Group Meeting: review contract in detail and forward to boards / councils for comments |
| February | Boards and councils discuss the PPA contracts |
| Feb 14 | SPPA Working Group Meeting: review comments and questions |
| Feb 28 | SPPA Working Group Meeting: review and forward to boards/councils for approval |
| March | Boards and councils approve the PPA contracts |
| April | PPA Contracts are awarded |

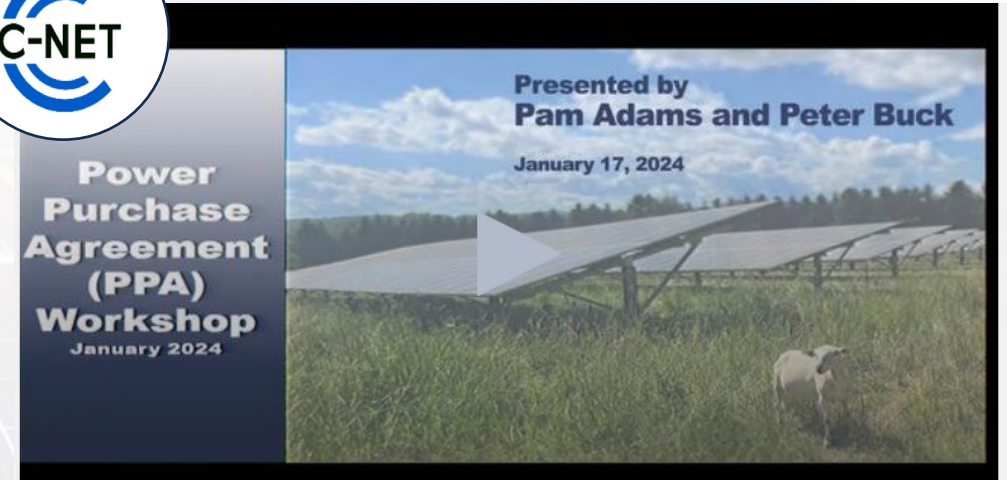
PPA Education Opportunities

PPA Education Workshop

Please [register](#) to attend

- **Tuesday, 1/30 from 12 – 1pm**
College Township Municipal Building, 2nd floor meeting room
1481 E College Ave, State College
- **Wednesday, 2/7 from 5 – 6pm**
Centre Region COG General Forum
2643 Gateway Drive, State College

PPA Education Video



[C-NET Centre County | Videos | 1/17/24](#)
[Presentation on the Centre Region's](#)
[Solar Power Purchase Agreement](#)