

SOLAR SAVINGS FOR NEW CONSTRUCTION PROJECTS:

For projects without Solar Feasibility Analyses or without owner-provided estimates, solar savings will be underwritten at 80% of Year 1 (“Y1”) Estimated Savings based on the system size (in kW) provided by the owner:

- Estimated Savings for Elevator Buildings: Multiply the System Size (kW) by \$160/ kW
- Estimated Savings for Walkup Buildings: Multiply the System Size (kW) by \$300/ kW

Explanation of simple calculation:

Step 1: Calculate Year 1 Electricity Production (kWh)

- System Size kW * 1,000 kWh/kW = Y1 electricity production (kwh/year)

Step 2: Calculate Year 1 Estimated Savings (\$/year)

- **Elevator Buildings**: Multiply the Y1 electricity production (kWh/year) by \$0.16/kWh = Y1 Estimated Savings (\$/year)
- **Walkup Buildings**: Multiply the Y1 electricity production (kWh/year) by \$0.30/kWh = Y1 Estimated Savings (\$/year)

Step 3: Calculate Underwritten Solar Savings

- **Multiply Year 1 Estimated Savings by 80% = Underwritten Solar Savings**

Have questions, or want a more accurate estimate?

Contact Solar One (affordable@solar1.org) for assistance with projecting solar savings for your project's common area electricity account. If the project has unique conditions, such as CDG interconnection, the owner may provide alternative calculations for solar savings. These rates apply for 2025 and may be updated annually as necessary.