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 - kilowatts) provided by the owner:

- Estimated Savings for Elevator Buildings (Con Ed rate class EL9): Multiply the System Size (kW) by $170 / kW
- Estimated Savings for Walkup Buildings (Con Ed rate class EL2): Multiply the System Size (kW) by $320 / kW

Explanation of simple calculation:

Step 1: Calculate Year 1 Electricity Production (kWh – kilowatt hours)

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

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

- **Elevator Buildings (EL9 Con Ed Rate Class):** Multiply the Y1 electricity production (kWh/year) by $0.17/kWh = Y1 Estimated Savings ($/year)
- **Walkup Buildings (El2 Con Ed Rate Class):** Multiply the Y1 electricity production (kWh/year) by $0.32/kWh = Y1 Estimated Savings ($/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 2026 and may be updated annually, as necessary.