



SOLAR ENERGY MAKES SENSE

Read about just a few of the benefits of installing solar energy systems across the District:

- **Price Certainty:** The District's solar energy cost is fixed for 25 years at a flat rate per kilowatt-hour.
- **Savings:** The project is estimated to save Amphitheater approximately \$100,000 in the first year and more than \$23 million¹ in energy costs over the 25-year life of the project, providing significant cost savings to taxpayers.
- **Environmental Impact:** District-exclusive reduction in CO2 footprint of approximately 17,340 tons/year², equivalent to the carbon sequestered by 14,213 acres of U.S. forests per year³.
- **The District will retain full ownership** of the environmental attributes/Renewable Energy Credits (RECs) associated with the project's clean energy output.
- **Approximately 64%** of the electricity required at all the sites is expected to be produced by approximately 30,000 polycrystalline modules (solar panels), with many sites offsetting ~80% of their annual electricity requirements.
- **Shaded play areas** provided for children – especially valuable in the Arizona climate.
- **Real-time data monitoring** and Solar Science, Technology, Engineering and Math (STEM) student curriculum integration.

¹ Assuming 3% annual utility rate escalation vs. current savings rates.

² NPE estimates based on TEP-specific fuel mix.

³ US EPA Greenhouse Gas Equivalencies Calculator.