

Ambassador Auditorium

Solar + Property Upgrade Case Study

The 1200-seat Ambassador Auditorium in Pasadena, CA hosts the Harvest Rock Church, Pasadena Symphony, Pasadena Youth Symphony, Riverside Symphony, LA Youth Orchestra and many special events.

The Project

Harvest Rock Church sought to make extensive renovations while preserving the unique look and feel of the iconic space.

Property owners enlisted C5 Energy Solutions to lead the project. Sixteen+ contractors were selected to bring cutting edge technologies and upgrades to the property. Each renovation was designed to lower operating costs and reduce greenhouse gas emissions to ensure audiences can enjoy this auditorium for generations to come.

Luminia's Solution

Luminia worked with C5 Energy Solutions to provide single-source financing for the more than \$5M of renewable energy and energy efficiency upgrades. Financing did not require any money down, and savings will begin immediately after installation.



Project Financing

- 25 Year Clean Energy PPA®
- 25 Year Production Guarantee
- 25 Year Operations & Maintenance
- 45% Offset of Annual Usage

Building Upgrades

- Reflective Cool Roof
- Efficient Pool Pumps
- Window Film
- Boiler Upgrades
- Lighting Upgrades

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Timeline

Project scope and agreements were completed in Q2 2021. Permits were received in Q4 2021, and work began in a phased approach. The final installations are expected to be completed in Q2 2022.

Project Highlights



Reflective cool roof provided by Highland Commercial Roofing, reducing HVAC costs and increasing indoor comfort.



118 kW rooftop solar system installed by Safari Energy.



Lighting upgrades were provided by WESCO/South Coast Electrical, reducing lighting energy spend by 70%.



3M window film installed by Campbell Window Film, improving indoor comfort, reducing HVAC costs and minimizing glare.