

# **SOLAR FOR UUCA**

## **CURRENT STATUS:**

- Typical electric usage 40,000 – 50,000 kWh/month
- Electric bill \$4,000 - \$5,000 /month
- New roof on entire complex
- 19,000 sf flat, unobstructed roof
- Virginia does not have solar incentives other than Federal tax credit (30%)
- UUCA, as non-profit, cannot take tax credit, depreciation, or other accounting tools

## **PROPOSAL:**

- Join with other congregations for pilot program to purchase solar in bulk
- Acquire solar power through innovative finance – Power Purchase Agreement (PPA)
- With a PPA, separate entity owns the system, uses tax credits etc to lower cost; contracts for installation and maintenance
- UUCA pays for power used; excess is net metered back to grid, UUCA gets credit for excess
- 15 year contract at fixed price per kW hour/ purchase option possible
- UUCA roof may allow for 100 – 150 kW system; generation of 12,000 – 18,000 kWh/mo
- Cost/savings not determined, pending receipt of bids