



TO: Mayor Linda Gorton  
Urban County Council

FROM: Jennifer M. Carey  
Jennifer M. Carey, P.E., Director  
Division of Environmental Services

DATE: March 25, 2024

SUBJECT: Kentucky Utilities Solar Share Program

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### Request

The purpose of this memorandum is to request approval to participate in the Kentucky Utilities (KU) Solar Share Program with the purchase of 60 solar shares at a cost of \$799.00/share, with each share representing a share of solar capacity in LGE-KU's solar farm, for a term of 25 years, for a total of \$47,940.00. The cost reflects a one-time payment and shares may be transferred to another LFUCG account with KU in the event of early termination of service.

### Why are you requesting?

Subscribers to the program share the energy produced from LGE-KU's solar farm in Simpsonville, Kentucky. Solar shares do not create or imply any ownership interest in the farm or investment interest – the term “share” refers to the sharing of solar capacity. Each share acts like a virtual electric meter, potentially offsetting electricity at the subscriber's actual meter or generating a credit if the share's output exceeds actual use. LFUCG is able to take advantage of the program by (1) having a diverse portfolio of accounts from which to match a specific facility with the appropriate number of shares, and (2) being able to make a long term commitment.

Four locations (meters) have been selected because their electrical rate and historical electric load are compatible with a solar offset, yet the building's roof is not ideal for physically supporting solar panels.

North Base Maintenance Facility	5.0 KW	tree coverage
Fire Station #20	4.0 KW	holiday lights / music display
Fire Station #8	4.0 KW	tree coverage
Fire Repeater Tower & Generator	2.0 KW	communications tower (no roof)



This will be LFUCG's third application to the Solar Share Program, yielding a total investment of 104 shares. This third purchase will also elevate LFUCG from a Bronze Partner to a Silver Partner in the Solar Share Program. When complete, the solar farm at Simpsonville will have a capacity of 4 MW, representing approximately 16,000 shares.

**What is the cost in this budget year and future budget years?**

The cost for FY24 is \$47,940.00. Additional solar shares for LFUCG's purchase are possible and may be recommended in future budget years.

**Are the funds budgeted?**

Yes, funds are budgeted in 1101-313201-3094-75101.

**File Number:** 0341-24

**Director / Commissioner:** Carey / Albright

