



## SEPA Synod Care of Creation Ministry Microgrant Application

**Complete and submit to:**

Care for Creation Ministry Team

Email: [CreationCareTeamSite@sepa.org](mailto:CreationCareTeamSite@sepa.org)

If you would like assistance completing this application, please contact [CreationCareTeamSite@sepa.org](mailto:CreationCareTeamSite@sepa.org)

Congregation: [Evangelical Lutheran Church of Durham](#)

Name: [Mark Mattsen](#)

Address: [PO Box 100, Durham, AP 18039](#)

Phone Number; [610-346-8500](#)      Email: [demo@durhamluthran.org](mailto:demo@durhamluthran.org)

Conference (include county if different than the conference):

[Upper Bucks](#)

Pastor (Name, Pronouns, Email):

[Rev. James Heckman](#)

Project Name: [Fellowship Hall lights](#)

Project Leader(s):

Person 1 (Name, Pronouns, Email, Phone):

[Mark Mattsen](#)

Person 2 (optional) (Name, Pronouns, Email, Phone):

Project Timeline:

Start: [\\_05/\\_01/\\_2025\\_](#) End: [\\_05/\\_15/\\_2025\\_](#)



## Project Description:

Please attach the quote for this project, and any additional information, as needed. Only projects with quotes will be reviewed.

### Quote attached

1. Please describe the project for which a microgrant of up to \$1000 is requested. [Note: priority is given to lighting upgrade projects with the highest percentage reduction in electricity usage (kWh), which can be determined by a free PECO/PPL energy audit.] [100 words or less]

Replace incandescent and fluorescent lights in Office, Fellowship Hall, Stage, Stairwells, Narthex, Library, sacristy and outdoors with LED bulbs.  
Sanctuary and steeple lights were previously replaced with LED lights.

2. Please describe the environmental/sustainability impact of your project. [Note: please email [CreationCareTeamSite@sepa.org](mailto:CreationCareTeamSite@sepa.org) to ask questions. It is not desired that this section be a barrier for application.] [100 words or less]

By upgrading our remaining lighting to LED we will reduce the energy used in the operation of our church to make the building more sustainable. We will be closer to meeting the goal of reducing our CO2 emissions by 50% by 2030 from 2008 levels as targeted by the ELCA.

3. If an energy reduction project, how much energy will it save (kWh, CCF of natural gas, or gallons of fuel oil)? What is the percentage of energy usage of the same type that would be saved?

Approx 1,521 Kilowatts/yr and 1,171 pounds of CO2/yr, 2% of church energy usage (yearly savings/total usage \*100%)

See the attached worksheet.

4. How will this project impact your church community or the wider community? [100 words or less]

Cost reduction for operating lighting, reduced impact on the environment due to energy savings, less frequent maintenance, and removal of mercury hazard.

5. Are other partners involved in this project? Yes  No  If so, please identify them and their role:

Partnering with Met-Ed lighting discounts for small businesses



6. Are you applying for or have you received other funds for this project? Yes X No \_\_\_  
If so, please specify amount(s) and source(s):

Congregation members have donated \$600 to the project.

## SEPA Synod Care of Creation Ministry

### Microgrant Funding Determination

Status  Approved

Approved by: \_\_\_\_\_ Ken Anderson \_\_\_\_\_

Approval Date: 04/30 /2025

Approved amount: \$ 1,000.00

Needs Modification

Please make the following Modifications and resubmit:

Not selected, eligible for the next round

Ineligible for funding



**SEPA Synod Care of Creation Ministry  
Microgrant Report**

Date Report Submitted: 06/15/2025.

*(This report is to be submitted within 30 days of the completion of the project, this date can be extended depending on project and approval by the Care of Creation Ministry Team.)*

Church Name and Address:

Evangelical Lutheran Church of Durham  
Address: PO Box 100, Durham, AP 18039

Contact Name, Phone Number, and Email:

Name: Mark Mattsen  
Phone Number; 610-346-8500      Email: demo@durhamluthran.org

Project Name: Fellowship Hall lights

Explanation of How the Funds Were Used:

*(attach additional information as needed and include receipts for purchases or services performed, photos of work accomplished, etc.)*

See attached.

Additional Information:

The installation was done at no cost, so we are returning the unused funds.

Microgrant Funding Received:      \$1,000.00

Total Amount Used:                      \$ 490.00

Amount of Grant Remaining, if any: \$ 510.00

*(The remaining amount needs to be returned to the Care of Creation Fund. Please write a check payable to "SEPA Synod" and on the Memo line write, Care of Creation Fund ATTN: Mr. Martin Schwab, Senior Accountant.)*

[Email this report to the Care of Creation Ministry Team: [CreationCareTeamSite@sepa.org](mailto:CreationCareTeamSite@sepa.org).]

Attachment:

Lighting Upgrade Worksheet															
Location	Item #	Hours used per month	# of bulbs	Type (Incadescent, Flourescent)	Bulb Type (A4, Mgul, Tube)	Bulb watts	Dimmer (Y/N)	Proposed replacement	Replace ment wattage	Bulb Cost	Installation cost	Total Cost	Old Montly Kilowatt hours	New Monthly Kilowatt hours	Monthly Kilowatt Hour Savings
Kitchen	1	100	8	F	T8	32	N	LEDT8	18	\$ 40.00	\$ 160.00	\$ 200.00	25.6	14.4	-11.2
Fellowship hall	1	100	48	F	T8	32	N	LEDT8	18	\$240.00	\$ 960.00	\$ 1,200.00	153.6	86.4	-67.2
Stage	1	100	12	F	T8	32	N	LEDT8	18	\$ 60.00	\$ 240.00	\$ 300.00	38.4	21.6	-16.8
Stairwells	1	40	3	In	A4	100	N	LEDA4	12	\$ 12.00	\$ -	\$ 12.00	12	1.44	-10.56
Stairwells	2	40	2	F	FCT12	22	N	New Fixture	12	\$ 25.00	\$ 40.00	\$ 65.00	1.76	0.96	-0.8
Rest Rooms	1	40	8	F	T8	22	N	LEDT8	18	\$ 40.00	\$ 160.00	\$ 200.00	7.04	5.76	-1.28
Sacristy & Library	1	40	4	In	A4	100	N	LEDA4	12	\$ 16.00	\$ -	\$ 16.00	16	1.92	-14.08
Outdoor Lights	1	5	7	IN-Flood	A4	150	N	A4 LED	12	\$ 56.00	\$ -	\$ 56.00	5.25	0.42	-4.83
Total										\$489.00	\$ 1,560.00	\$ 2,049.00			
												Monthly Kilowatt hours	259.65	132.9	-126.75
												Monthly Cost	\$ 38.95	\$ 19.94	\$ (19.01)
												Annual Kilowatt hours saved			(1,521)
												Annual Savings			\$ (228.15)
												Payback period			8.98
												Pounds of CO2 saved per year			(1,232)