

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Anchorage****Federal Tax ID: 92-0059987****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Anchorage - Oceanview Streetlight Conversion

State Funding Requested: \$287,500**House District: Anchorage Areawide (11-27)**

One-Time Need

Brief Project Description:

Conversion of existing HPS streetlights to LEDs.

Funding Plan:

Total Project Cost:	\$787,500
Funding Already Secured:	(\$500,000)
FY2014 State Funding Request:	<u>(\$287,500)</u>
Project Deficit:	\$0

Funding Details:

If the state funds are granted, Chugach Electric Association has committed to contribute \$200,000 of the cost of this project. The Municipality of Anchorage will contribute the \$300,000 estimated cost of adding lights on Dailey Avenue and Pacific View Drive, and putting Dailey plus Bree Avenue and Pacific View on load centers.

Detailed Project Description and Justification:

This project would replace 122 existing, older, high-pressure sodium streetlights in the Oceanview area of Anchorage with new, energy-efficient light-emitting-diode (LED) streetlights. As part of the project, approximately 13 LED streetlights would be added to illuminate two roads that currently have no streetlights. In total, 135 new lights are planned. Due to the energy efficiency and long life of the new lights, this project will provide benefits that will be shared by the neighborhood, Municipality and Chugach. Residents will see improved illumination for nighttime safety, the Municipality will pay lower lighting costs and Chugach will incur less maintenance expense. The Municipality has agreed to pay the cost to install the new lights where none exist on Dailey Avenue and Pacific View Drive and to convert the lights on Bree Avenue plus Dailey and Pacific View to metered load centers. The other lights will remain Chugach's and will be billed to the MOA under the appropriate tariff for LED streetlights. Chugach proposes the requested grant flow through the Municipality of Anchorage. Chugach and the MOA will develop a project agreement to manage the grant funds in response to project activities. The requested grant includes a 5 percent MOA admin fee of 37,500.

Project Timeline:

If grant funds are approved in 2013, the conversion of existing street lights not destined for load centers will be done in 2013. The load center projects may not be completed until 2014.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Chugach Electric Association & Municipality of Anchorage

Grant Recipient Contact Information:

Name:	Bradley Evans
Title:	CEO, Chugach Electric Association
Address:	5601 Electron Drive Anchorage, Alaska 99518
Phone Number:	(907)762-4767
Email:	brad_evans@chugachelectric.com

Has this project been through a public review process at the local level and is it a community priority? Yes No

<i>For use by Co-chair Staff Only:</i>
2:02 PM 5/9/2013

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RESOLUTION

WHEREAS, Chugach Electric Association (Chugach) is a member-owned cooperative providing public electric utility services, and;

WHEREAS, Reliable, low-cost energy is beneficial to Alaska and its economy, and;

WHEREAS, The State of Alaska has a history of supporting electric infrastructure, and;

WHEREAS, Chugach has analyzed its system and taken input from others seeking projects that would provide broad public benefits, and;

WHEREAS, the below list represents the results of that analysis and consultation.


NOW THEREFORE BE IT RESOLVED, that the Chugach Board of Directors supports Chugach's efforts to seek funding from the State of Alaska in the 2014 State Capital Budget for the following list of projects.

1. Oceanview Streetlight Conversion: \$287,500 grant request.
2. Begin Transmission Line Upgrade, Indian to Powerline Pass: \$920,000 grant request.
3. Hope Substation Automation at 230-kv: \$877,161 grant request.
4. Distribution Looping of Three Elementary Schools: \$408,000 grant request.
5. Rebuild Transmission Line, Silvertip Creek to Hope Substation: \$2,050,000 grant request.

CERTIFICATION

I, Jim Henderson, do hereby certify that I am the Secretary of Chugach Electric Association, Inc., an electric non-profit cooperative membership corporation organized and existing under the laws of the State of Alaska: that the foregoing is a complete and correct copy of a resolution adopted at a meeting of the Board of Directors of this corporation, duly and properly called and held on the 24TH day of January, 2013; that a quorum was present at the meeting; that the resolution is set forth in the minutes of the meeting and has not been rescinded or modified.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of this corporation the 24TH day of January, 2013.


Secretary

Representative Craig Johnson

Anchorage House District 28

716 W. 4th Ave. Suite 640

Anchorage AK, 99501-2133

Phone: 907-269-0200

December 6, 2012

Dear Craig,

Old Seward Ocean View Community Council Board of Officers wishes to thank you for your concern for our community. Without your assistance projects needed by our citizens may not have happened.

This letter is addressing another concern we have for the safety of our citizens and energy efficiency.

Our neighborhood streetlights are a hodge podge of designs, colors and may be security hazards. The Board of Officers of OSOVCC is requesting LED lightening within our community council area.

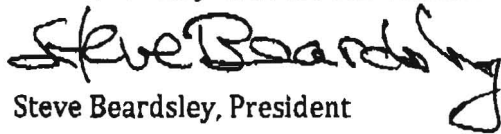
The advantages of LED street lighting are numerous:

- Low power consumption and long and predictable lifetime
- LEDs can be dimmed when less street lighting is needed
- Small package size and weight
- More accurate color rendering, hence more security
- LEDs don't contain mercury or lead
- Fewer electrical losses and noise—ballasts, other electronic components
- Optically efficient lighting equipment
- Higher light output even at low temperatures

Please consider our recommendation for the replacement of our street lighting system with LED lighting.

A resolution will be forthcoming about this issue before the OSOVCC next full member meeting on Dec. 19, 2012. Chugach Electric will be presenting a full program devoted to this project. Voting on the resolution will take place at the January meeting.

Thanks for all you do for our community.



Steve Beardsley, President

13201 Reef Pl.

Anchorage, AK 99515

Resolution 2013-01

Old Seward Oceanview Community Council

TITLE: Supporting the LED lighting project within the boundaries of
OSOVCC

WHEREAS the Old Seward/Oceanview Community Council (OSOVCC)
has considered and evaluated the positive lighting of LED for street lights

WHEREAS the OSOVCC has investigated and heard presentations of the
project

WHEREAS the OSOVCC has these positive comments about the project:

- Low power consumption and long and predictable lifetime
- LEDs can be dimmed when less street lighting is needed
- Small package size and weight
- More accurate color rendering, hence more security
- LEDs don't contain mercury or lead
- Fewer electrical losses and noise—ballasts, other electronic components
- Optically efficient lighting equipment
- Higher light output even at low temperatures

WHEREAS the OSOVCC wishes to preserve the character of established
neighborhoods and promote the health, safety and welfare of residents and
neighborhoods within the OSOVCC,

THEREFORE BE IT RESOLVED: That the OSOVCC wishes the State of
Alaska, Chugach Electric, Municipality of Anchorage and other agencies involved
perform an upgrade of LED street lighting in the Old Seward/Oceanview
Community Council district.

Drafted for January 23,2013. Final vote proposed for February 2013.