



Council of Athabascan Tribal Governments (CATG) From fluorescent to LED

Project Description:

CATG received a CEDP to rewire lighting fixtures to replace CFL Lamps with LED Lamps in 2-3 residential homes and 1 community facility in 3 villages in the Yukon Flats Region.

Why this Project will assist Other Tribes:

Most homes are currently being led with CFL Lamp fixtures. CFL lamps have mercury ingredients that when energized will create the lightning for these CFL lamps. Mercury is considered toxic and dangerous to human health. Alaska Tribe's landfills are unlined and often subject to open burning. Discarded lights result in certain mercury release via several pathways. Removing this product from residential homes and commercial facilities will reduce the health hazards from mercury and still provide a positive lighting environment and reduces energy costs.

How this Project will assist Other Tribes:

This project will help communities understand new lighting products that are now available to help residential and commercial users reduce their energy expenses that are safe both to handle in the home and dispose in local landfills where there is limited management oversight. Residents will be exposed to the community facility on a regular basis and see for themselves how well these lights work. They will hear by word of mouth and visit the residential homes, and CATG will conduct outreach on the cost and health benefits to the communities and their region. Outreach materials and information on the most effective education avenues will be available to all Alaska Tribes.

Workplan elements completed:

- N/A Project will begin February 1, 2014.

Community Education/Involvement Activities Taken:

- N/A Project will begin February 1, 2014.