

CITY OF RED LODGE SUSTAINABILITY PROJECTS

Ongoing Tasks:

City Responsibilities

- Provide hands-on energy assistance (such as weatherization and conservation activities, energy assessments, audits and consultations, and alternative and renewable energy activities) as a City representative to:
 - Red Lodge Carnegie Library
 - With Sustainability Board, City of Red Lodge elected officials and multiple City departments
- Support the City of Red Lodge Sustainability Board by attending all meetings, ensuring meetings are publicly advertised in accordance with Sunshine Laws, working closely with the Board officers to develop agendas, and assisting whenever possible to implement the Energy Conservation Plan.
- Maintain the Sustainability section of the City website with updated projects and activities.
- Monitor the energy usage and cost savings for electric vehicle charging stations, LED streetlights, LED in City Buildings, VFD installations, and any other City Facility energy upgrades.
- Make energy data available to resource users and the public, with assistance from Sustainability Board.
- Creation of Management Plans for all City Facility upgrades projects.
- Serve as a contact person for Lisa Perry, NorthWestern Energy Manager of Community Relations, for all matters concerning City energy.
- Keep the City Council informed of all Sustainability projects via quarterly presentations at Council meetings in January, April, July, and October of each year. The April's presentation, in preparation of City budget planning, should be a Sustainability Board annual report for the City Council.

Sustainability Board Responsibilities

- Provide hands-on energy assistance (such as weatherization and conservation activities, energy assessments, audits and consultations, and alternative and renewable energy activities) as a City representative to:
 - Beartooth Industries
 - High School Green Team
 - Attend bi-monthly meetings and assist where applicable
 - Beartooth Front Community Forum
 - Attend monthly meetings and assist where applicable

- Carbon County Resource Council
 - Attend monthly meetings and assist where applicable
- Recycle Red Lodge
 - Attend monthly meetings and assist where applicable
- Multi-faceted marketing for the electric vehicle charging stations, recycling activities, and completed energy projects. Public education by documenting and showcasing the benefits of all energy projects conducted by the City.
- Coordinate educational outreach regarding solar technology in conjunction with the Library Board and Carbon County Resource Council.

Remaining Tasks:

Shared Responsibilities: These tasks are expected to be implemented by collaboration between City staff and the Sustainability Board.

- Solar Arrays for City Buildings

Goal – To reduce energy costs for City buildings.

- Work with Sustainability Board Committee to:
 - Advertise an RFP and select an installer for an array on City Hall and Police Station.
 - Research grants and other funding opportunities to install 5kW of solar annually.
 - Conduct an Education, Outreach, and Fundraising Campaign
- Oversee and advertise the physical retrofit, track and celebrate the project.
- Carry out Strategies in Energy Conservation Plan

Goal – Realize the carbon reduction goals set out in the Energy Conservation Plan.

 - Both: With the help of the Sustainability Board, implement the following:
 - Occupancy Sensors at City Hall, Police Station, and Public Works
 - Electronics training of City employees
 - Install 5kW of renewable energy annually
 - Increase average vehicle fuel efficiency. This starts with a lifetime cost analysis of existing City vehicles.
 - City: Work to get strategies and projects budgeted each year.
 - City: Ensure an ICLEI membership, or other emissions tracking software, is budgeted in FY 2021-2022.
 - City: Conduct another City Baseline Assessment in 2022 for the calendar year 2021.
 - City: Monitor progress and update the Energy Conservation Plan as needed.

- Energy Conservation for City Buildings and Facilities
Goal – Reduce energy use at City facilities and save money.
 - Upgrade light fixture at Pride Park to LED.
 - Work with City staff to identify energy conservation measures that can be implemented.
 - Install a new heating system and energy efficient window in the Police Station garage.
 - Research additional energy conservation activities that could be conducted in City Facilities, such as Solar Bees at the wastewater treatment plant.

- * LED Retrofit for Streetlights
Goal - To reduce energy costs to the City and save energy
 - * Retrofit the Pride park lights to LED
 - * Identify any other city-owned streetlights that could be retrofitted

- * LED Retrofit for City Buildings
Goal - To reduce energy costs for City buildings. To improve working conditions impacting safety in Police Garage and Public Works shop.
 - * Identify any other lights in City buildings that could be retrofitted to meet the goal of converting every City light to LED
 - * Ensure that WWTP/WTP has been completed, rebates applied for from NWE, and promised monies obtained.

- Earth Day
Goal – Publicize energy and conservation activities in Red Lodge and support Earth Day.
 - Work with local organizations to conduct an Earth Day event every year.

Sustainability Board Responsibilities: These tasks and projects will be implemented by Sustainability Board members with support from City staff only as needed.

- Electric Vehicle Charging Stations:
Goal -- To ensure the stations operate on a sustainable basis over time.
 - Work with the Chamber and other groups to research additional marketing opportunities to increase electric car visitors.
 - Work with the Public Works Director and the Carbon County Arts Guild snow plowing company to ensure the chargers are properly plowed out during winter.
 - Determine feasibility of updating or upgrading to a supercharger facility

- Community Greenhouse Gas Inventory
Goal – Support the creation of a Community Energy Conservation Plan.
 - If spearheaded and supported by entities outside the City, aid community groups with the creation of a Community Energy Conservation Plan using the Red Lodge Community Greenhouse Gas Inventory.

- Catch the Rain Campaign
Goal – To encourage residential stormwater diversion, water conservation, and green scaping.
 - Work with King’s Cupboard to obtain donated 55 gallon food-grade drums.
 - Apply to the River Network Rain Barrel Workshop Grant in fall 2020.
 - Conduct a 2021 Catch the Rain Campaign based on learnings from 2020.

- Recycling Education and Outreach
Goal – Increase the awareness and importance of recycling and diverting waste from the waste stream.
 - Assist with the tasks for the annual electronic recycling event conducted by REWIND (Recycle Electronic Waste Into New Devices).
 - Work with CCRC’s Red Lodge Zero committee to increase the waste diversion rate of businesses.
 - Assess the feasibility of a waste audit program for businesses with Recycle Red Lodge.

Outside Groups Responsibilities: These tasks and projects will be implemented by outside community groups with support from Sustainability Board and City staff only as needed.

- Bike Share Program for Tourists and Locals
Goal – Provide active transportation options for Red Lodge residents and visitors and reduce motor vehicle traffic in the downtown area.
 - Use Pedal Power as a pilot program and watch for what succeeds and what needs to be changed with assistance from the Spoke Wrench.
 - Work to expand Pedal Power to the entire community gradually and in a cost-effective manner.
 - Research potential grants for bike share infrastructure.
 - Make sure Pedal Power bikes are transported to the Red Lodge Area Community Foundation for community use during the summer season.
 - Assist BRTA with creation of and marketing for an interactive map with biking/hiking trails in the City.

- Solarize 59068
Goal – To implement a solar energy group-purchasing program for residents in Red Lodge to decrease installation costs and increase the amount of solar on private homes and businesses.
 - Track any lasting effects of the 2019 campaign on the general solar market in Red Lodge.
 - Assess the feasibility of a 2021 campaign with the Carbon County Resource Council.
 - If feasible, conduct a 2021 Solarize campaign.

- Composting
Goal – Establish a community composting program.
 - Help determine how to bring yard waste composting to town, focusing on private entities rather than City run compost.

- Bee City USA
Goal – Designate Red Lodge as the first Bee City in Montana.

- Help the Parks Board implement the tasks and projects associated with Bee City.