Carbon Neutral

Columbia Power Corporation
2023 PSO Climate Change Accountability Report

Title: 2023 PSO Climate Change Accountability Report

Organization: Columbia Power Corporation

PART 1. Legislative Reporting Requirements

Declaration statement: This PSO Climate Change Accountability Report for the period January 1, 2023 to December 31, 2023 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2023 to minimize our GHG emissions, and our plans to continue reducing emissions in 2024 and beyond.

Emission Reductions: Actions & Plans

A. Stationary Sources (e.g. buildings, power generation)

Lighting upgrades to LED sources continues at our hydro facilities and our office. Motion sensors and programing for lighting is used to reduce electricity usage.

We continue to compost all organic waste in the office kitchen.

B. Mobile Sources (e.g. fleet vehicles, off-road/portable equipment)

Columbia Power Corporation does not own any fleet vehicles or mobile equipment.

C. Paper Consumption

Columbia Power Corporation continues to use recycled paper for printed material. Using electronic devices, such as laptops and screens, is encouraged rather than using printed materials.

2023 GHG Emissions and Offsets Summary Table

Columbia Power Corporation 2023 GHG Emissions and Offsets Summary	
GHG emissions for the period January 1 - December 31, 2023	
Total BioCO$_2$	0
Total Emissions (tCO$_2$e)	13.2
Total Offsets (tCO$_2$e)	13.2
Adjustments to Offset Required GHG Emissions Reported in Prior Years	
Total Offsets Adjustment (tCO$_2$e)	0
Grand Total Offsets for the 2023 Reporting Year	
Grand Total Offsets to be Retired for 2023 Reporting Year (tCO$_2$e)	13
Offset Investment ($)	$325

Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and the Carbon Neutral Government Regulation, Columbia Power Corporation (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2023 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, the associated invoice to be issued by the Ministry in an amount equal to $25 per tonne of offsets retired on its behalf plus GST.

PART 2. Public Sector Climate Leadership

2A. Climate Risk Management

We are in the process of completing a wildfire mitigation and preparedness plan to address the impacts of a changing climate. To date we have completed wildfire mitigation and preparedness at all of our hydro facilities. We are now in the process of completing wildfire mitigation projects along our transmission lines. In 2024 and 2025 we will be installing a fire-retardant mesh on all of our wooden transmission line poles. This mesh will ensure that, in the event of a wildfire, the lower five meters of our poles will not be damaged by fire.

2B. Other Sustainability Initiatives

Columbia Power will be installing solar panels at the Wanata Expansion Generating station in 2025/6. In 2023/4 we investigated the feasibility of this project and determined that it was a viable option. The installation of the solar panels will help offset the energy demands of the facility with renewable energy from the solar panels. If this installation is successful Columbia Power may look to install solar panels at other facilities.

2C. Success Stories

Columbia Power Corporation continues to improve the reliability of its hydro assets. Hydroelectricity is a clean energy source. As the reliability of these facilities increases, it reduces the demand for other sources of electricity that may be more harmful to the environment, such as coal or natural gas.

Executive Sign-off:

_____ June 13, 2024
Signature   Date

Brandon Harvey   Vice President, Power Operations
Name (please print)   Title