

# 2021-2023 Department of Corrections Sustainability Plan



200-SP002  
(Rev. 6/25/2021)

# Mission Statement

To improve public safety by positively changing lives.

# Vision Statement

Working together for safer communities.

# Sustainability Commitment

- Reduce the environmental, economic, and human cost of prisons.
- The Washington State Department of Corrections (DOC) has actively supported efforts to reduce the Environmental, Social and Economic cost for prison facilities.
- The DOC Sustainability Plan includes the legislation and executive orders that support these efforts as well as outlining the Department's sustainability near term goals and strategies to meet them.

Effective June 1, 2013, all state agencies and local governments are required to satisfy 40% of their fuel usage for publicly owned vessels, vehicles, and construction equipment with electricity or biofuel. By June 1, 2015, 100% these fuel needs are to be met by electricity or biofuel, to the extent practicable. ([RCW 43.19.648](#))

After June 15, 2010, state agencies must, when purchasing new petroleum-based fuel vehicles for vehicle fleets: (a) achieve an average fuel economy of 40 miles per gallon for light duty passenger vehicles; and (b) achieve an average fuel economy of 27 miles per gallon for light duty vans and sports utility vehicles; or (c) purchase ultra-low carbon fuel vehicles. Some vehicles are excluded. ([Substitute House bill 3105, Chapter 159, Laws of 2010](#))

State agencies must develop strategies and recommendations for reducing the number of miles that each employee drives. ([RCW 70.94.551](#))

State must install electrical outlets capable of charging electric vehicles in each of the state's fleet parking and maintenance facilities. ([RCW 43.19.648](#))

By June 1 of each even-numbered year, report the actions the department plans to take during the next two biennia to reduce agency Greenhouse Gas (GHG) emissions and the long-term strategy for meeting emission reduction targets. ([RCW 70A.45.050](#))

Establish energy use baseline and meet energy performance standard of covered building as prescribed by Department of Commerce. Complete an energy use reduction plan based on [ASHRE Standard 100-2018 \(HB1257\)](#).

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# Goal

To reduce the environmental, economic, and human cost of prisons.

## Objective 1

**Leadership and Collaboration:** Leader of sustainability in the correctional environment through commitment and collaboration with community partners.

### Strategies

- Support collaboration and opportunities with community partners to advance sustainable operations both within the department and the community.
- Improve sustainable operations data collection and reporting.
- Increase prison safety by providing programs that reduce incarcerated individual idleness and engage incarcerated individuals in pro-social activities.
- DOC staff, contractors and volunteers will practice and demonstrate sustainable practices.

### Measuring Performance

- Number of community and justice center partners and opportunities to contribute for incarcerated individuals.
- Continue to generate positive media coverage.
- Positive impact around metrics such as incidence of violence, infractions, grievance etc. of incarcerated individuals impacted by sustainability activities.

## Objective 2

**Greenhouse Gas Emissions:** Reduce GHG emissions by 45% and Net Zero.

### Strategies

- Using 2005 baseline emissions create and execute a plan to reduce emissions by 45% by 2030, 70% by 2040 and to net zero by 2050.
- Seek and develop best available solutions/alternatives to reduce greenhouse gas emissions and the use of fossil fuels in department operations.

### Measuring Performance

- Rate of GHG emissions.
- Report facility energy consumption in Energy Star's Portfolio Manager.

## Objective 3

### Reduce Use of Fossil Fuels.

#### Strategies

- Increase use of electric vehicles.
- Prioritize use of non-fossil fuels in facility operations.
- Reduce transportation fuel consumption by 20% from 2009 levels. Reduce number of fleet miles driven in both administrative services and incarcerated individual transport.

#### Measuring Performance

- Consumption data.
- Greenhouse gas report.

## Objective 4

### Reduced Potable Water.

#### Strategies

- Expand metering and leak detection and repair efforts.
- Implement water controls and replace valves in housing units.

#### Measuring Performance

- Consumption data.
- Wastewater generation data.

## Objective 5

### Reduced Energy: Reduce total building energy use by 45% using 2005 baseline.

#### Strategies

- Conduct facility condition assessments.
- Install building level utility metering.
- Complete energy audits.
- Identify cost effective investments.
- Invest in appropriate and cost-effective staff training.

#### Measuring Performance

- Energy consumption data.

## Objective 6

**Reduce Waste.**

### Strategies

- Monitor waste management fees, volume of waste land-filled and rates of waste diverted to recycling and compost facilities.
- Sort and divert 100% of all waste when feasible and safe.

### Measuring Performance

- Reduce facility related landfill waste to .5 lbs. per incarcerated individual per day.

## Objective 7

**Sustainable Purchasing:** Improve Sustainable purchasing.

### Strategies

- Update the sustainable purchasing policy.
- Track sustainable purchasing.

### Measuring Performance

- Monitor volume and type of waste for opportunities related to purchasing.
- Monitor increase in green purchases through vendor tracking systems.

## Objective 8

**Reduce factors leading to Recidivism.**

### Strategies

- Increase environmental and sustainability literacy among incarcerated individuals.
- Build capacity for incarcerated individuals to participate in science and sustainability projects.
- Increase incarcerated individual's opportunities for experience, training, and certification in green jobs.

### Measuring Performance

- Survey incarcerated individuals participating in science and sustainability-related job placements to assess impacts on interpersonal relationships, cooperation, education, employment outlook and environmental literacy.
- Evaluate incarcerated individual behavior and well-being in both pre and post program participation (i.e. grievances, infractions, education level, use of medical services, etc.).