

# State Initial GHG Report

State

State DOT Name

Name of Person Preparing Submittal (for use with any follow up questions):

Email of Person Preparing Submittal:

Phone of Person Preparing Submittal:

Date Submittal Prepared:

Who in the FHWA Division office has received a copy of this information?  
(Reply NA if you did not coordinate with the FHWA Division office)

## State Initial GHG Report

1. Target. Provide the 4-year target for the 2022-2025 performance period (the target represents the target represents the anticipated decrease in on-road tailpipe CO2 emissions on NHS facilities between CY 2022 and CY 2025), and a discussion, to the maximum extent practicable, of the basis for the established target. This includes an explanation of the data, method(s), and/or process(s) used to identify the targets. The target shall be a negative value, and be reported to the nearest tenth of a percent. To meet the declining requirement, the target must represent an anticipated decline of -0.1% or more.

[23 CFR 490.107(d)(1)(i), 490.105(e)(10), 23 CFR 490.101 (Target definition), and 23 CFR 490.513(d)]

a. Target Value (anticipated performance for CY2025): %

A negative value is required (Examples of acceptable formatting are: -0.1% or -1.0%).

b. Discussion Field

2. Baseline performance. Provide the performance value for the GHG measure derived from the data collected for the reference year, CY 2022. [23 CFR 490.107(d)(1)(ii)]

Due to the nature of this measure, the value is 0.0% for this initial reporting.

%

3. Relationship with other performance expectations. Provide a discussion, to the maximum extent practicable, on how the established 4-year target supports expectations documented in longer range plans, such as the State asset management plan required by 23 U.S.C. 119(e) and the long-range statewide transportation plan provided in part 450 of this chapter. [23 CFR 490.107(d)(1)(iii)]

4. GHG metric and metric information for the GHG measure. Provide the GHG metric, and the individual values used to calculate the GHG metric, as described in 23 CFR 490.511(c), for the reference year.[23 CFR 490.107(d)(1)(iv)]

**GHG Metric for CY 2022:** Tailpipe CO2 emissions on the NHS for CY2022, computed in million metric tons and rounded to the nearest hundredth (Examples of acceptable formatting are 00.00 (mmt))

mmt

- a. Fuel Volume Consumed, Gasoline and Gasohol<sup>1</sup>. The quantity of fuel consumed in CY 2022, rounded to the nearest thousand gallons, and expressed in 1,000 gallons.
- b. Fuel Volume Consumed, Special Fuels<sup>1</sup>. The quantity of fuel consumed in CY 2022, rounded to the nearest thousand gallons, and expressed in 1,000 gallons.
- c. CO2 Factor for Gasoline & Gasohol Fuels <sup>2</sup>, for CY 2022, as provided by FHWA.
- d. CO2 Factor for Special Fuels <sup>2</sup>, for CY 2022, as provided by FHWA.
- e. NHS VMT<sup>3</sup>. The total vehicle-miles traveled on NHS in CY 2022 (rounded to the nearest one million vehicle-miles, and expressed in one million vehicle-miles).
- f. Total VMT<sup>3</sup>. The total vehicle-miles traveled on all public roads in CY 2022 (rounded to the nearest one million vehicle-miles, and expressed in one million vehicle-miles).

mmt/  
(1,000gal)

mmt/  
(1,000gal)

1. Fuel sales information needed to calculate the fuel consumed shall represent the total number of gallons of fuel consumed by fuel type and reported to Fuels & FASH. [23 CFR 490.107(d)(2)(ii) & 23 CFR 490.509(g)]  
 2. FHWA shall provide the CO2 factors for each on-road fuel type associated with the reference year. [23 CFR 490.107(d)(2)(i)]  
     a. CO2 Factor for Gasoline & Gasohol Fuels 0.0000081 mmt/(1,000 gal)  
     b. CO2 Factor for Special Fuels 0.00001019 mmt/(1,000 gal)  
 3. The VMT data needed to calculate the GHG metric shall be the HPMS data as of November 30, 2023. [23 CFR 490.107(d)(2)(iii) & 23 CFR 490.509(h)]. FHWA will provide State DOTs with additional information on this value after December 15, 2023

## **Data Check**

The metric reported is

The metric calculated by your data inputs is

Do the two values match exactly? If "No", please revisit.

## **Adobe Signature Block**