

Cover Tab in Key Drivers and Outputs Spreadsheet

<https://climate.ny.gov/-/media/Project/Climate/Files/2021-11-18-Integration-Analysis-Key-Drivers.ashx>

Tab Name	Contents
Scenario Definitions	Overview of scenario definition
Scenario Detail	Detailed scenario descriptions, assumptions grouped by sector
GSP	Gross State Product (GSP) data, population, and other summary data for New York State
Emissions -->	
Annual Emissions	Annual emissions from each case
Snapshot Emissions by Sector	Emissions, and emissions reductions relative to 1990, by sector for key years (2020, 2030, 2050) across each scenario
2020 Emissions	2020 emissions by subsector and pollutant
Reference_Energy Emissions	Emissions from energy use in buildings, transportation, industrial sectors in Reference Case
S1_Energy Emissions	Emissions from energy use in buildings, transportation, industrial sectors in S1
S2_Energy Emissions	Emissions from energy use in buildings, transportation, industrial sectors in S2
S3_Energy Emissions	Emissions from energy use in buildings, transportation, industrial sectors in S3
S4_Energy Emissions	Emissions from energy use in buildings, transportation, industrial sectors in S4
Non-Energy Emissions -->	
Agriculture Emissions	Emissions for agriculture
Net carbon Sequestration	Emissions from forestry, land use, other natural sequestration
Waste Emissions	Emissions from waste
In-state Oil and Gas Emissions	Emissions from in-state upstream oil and gas (methane emissions)
HFC Emissions	Emissions from HFCs
IPPU Emissions	Emissions from non-HFC IPPUs
Energy -->	
Biofuel_Snapshot	Biofuel and hydrogen energy demand in 2030 and 2050 for Scenarios 2-4
All_Energy by Fuel	Energy demand by fuel and scenario
All_Energy by Sector	Energy demand by sector
All_Load by Sector	Electric load by sector
All_Peak by Scenario	Electric peak by scenario
Gas Throughput	2050 gas throughput by fuel and scenario [for non-electric-generators]
Reference_Energy by FuelSector	Energy demand by fuel and sector for Reference case
S1_Energy by FuelSector	Energy demand by fuel and sector for AP Recommendations
S2_Energy by FuelSector	Energy demand by fuel and sector for Strategic Use of Low-Carbon Fuels
S3_Energy by FuelSector	Energy demand by fuel and sector for Accelerated Transition Away from Combustion
S4_Energy by FuelSector	Energy demand by fuel and sector for Beyond 85% Reductions
Stocks and Sales -->	
Reference_LDVs	Light duty vehicle stocks and sales, Reference case
Reference_MHDVs	Medium and heavy duty vehicle stocks and sales, Reference case
Reference_Space Heating-Res	Residential space heating stocks and sales, Reference case
Reference_Space Heating-Comm	Commercial space heating stocks and sales, Reference case
Reference_Water Heating-Res	Residential water heating stocks and sales, Reference case
Reference_Water Heating-Comm	Commercial water heating stocks and sales, Reference case
Reference_Building Shell	Building shell stocks and sales, Reference case
S1_LDVs	Light duty vehicle stocks and sales, S1
S1_MHDVs	Medium and heavy duty vehicle stocks and sales, S1
S1_Space Heating-Res	Residential space heating stocks and sales, S1
S1_Space Heating-Comm	Commercial space heating stocks and sales, S1
S1_Water Heating-Res	Residential water heating stocks and sales, S1
S1_Water Heating-Comm	Commercial water heating stocks and sales, S1
S1_Building Shell	Building shell stocks and sales, S1
S2_LDVs	Light duty vehicle stocks and sales, S2
S2_MHDVs	Medium and heavy duty vehicle stocks and sales, S2
S2_Space Heating-Res	Residential space heating stocks and sales, S2
S2_Space Heating-Comm	Commercial space heating stocks and sales, S2
S2_Water Heating-Res	Residential water heating stocks and sales, S2
S2_Water Heating-Comm	Commercial water heating stocks and sales, S2
S2_Building Shell	Building shell stocks and sales, S2
S3_LDVs	Light duty vehicle stocks and sales, S3
S3_MHDVs	Medium and heavy duty vehicle stocks and sales, S3
S3_Space Heating-Res	Residential space heating stocks and sales, S3
S3_Space Heating-Comm	Commercial space heating stocks and sales, S3
S3_Water Heating-Res	Residential water heating stocks and sales, S3
S3_Water Heating-Comm	Commercial water heating stocks and sales, S3
S3_Building Shell	Building shell stocks and sales, S3
S4_LDVs	Light duty vehicle stocks and sales, S4
S4_MHDVs	Medium and heavy duty vehicle stocks and sales, S4
S4_Space Heating-Res	Residential space heating stocks and sales, S4
S4_Space Heating-Comm	Commercial space heating stocks and sales, S4
S4_Water Heating-Res	Residential water heating stocks and sales, S4
S4_Water Heating-Comm	Commercial water heating stocks and sales, S4
S4_Building Shell	Building shell stocks and sales, S4
Electricity Supply -->	
Elec Supply Overview	Empty tab, to provide space between rest of economy results and electric supply
Reference Case	Overview of electric sector modeling, description of topology
Scenario 1	Capacity and generation by fuel type for the Reference case
Scenario 2	Capacity and generation by fuel type for Scenario 1
Scenario 3	Capacity and generation by fuel type for Scenario 2
Scenario 4	Capacity and generation by fuel type for Scenario 3
	Capacity and generation by fuel type for Scenario 4