2022 IRP Workpapers Index

File/Folder Name	Contents	Description/Notes
2022 IRP PLEXOS Input Data Files.zip	Comma separated values (csv) data files	These are input data files that feed into the PLEXOS model for any dynamic inputs that change over time.
2022 IRP PLEXOS Input Data Files_MonteCarlo.zip	Comma separated values (csv) data file	These are the Monte Carlo input data files that feed into the PLEXOS model for any dynamic inputs that change across simulations.
Supply_Gas Price Forecast_Redacted_PUC.docx	Word document placeholder for Confidential file	This is a placeholder/redacted version of the Supply Gas Price PLEXOS input data file. Confidential file sent to OPUC separately.
Workpapers_2022 IRP- RNG Incremental Cost Workbook.xlsx	Excel Workbook	Workbook providing incremental costs for RNG supplies and projects.
Workpapers_2022 IRP Avoided Costs- Final IRP.xlsx	Excel Workbook	Excel file with avoided costs summary, commodity cost detail, and GHG costs avoided.
Workpapers_2022 IRP Capacity Resource Results_Monte Carlo.xlsx	Excel Workbook	Excel file with results from the Monte Carlo analysis of capacity resources.
Workpapers_2022 IRP Compliance Resource Results_Monte Carlo.xlsx	Excel Workbook	Excel file with results from the Monte Carlo analysis of compliance resources.
Workpapers_Draw Finder.xlsx	Excel Workbook	This file provides a draw finder and the stochastic variables. The draw finder includes instructions for use.
Workpapers_2022 IRP Emerging Technology.xlsx	Excel Workbook	This Excel file provides assumptions, gas-heat pump installs, dual-source installs, and furnace installs.
Workpapers_2022 IRP MonteCarlo Annual Load Final.xlsx	Excel Workbook	Excel file with Monte Carlo analysis for annal load. File includes breakouts by state, customer type, and UPC.
Workpapers_2022 IRP Monte Carlo Customer Counts, Equipment Penetration, and Usage Coefficients.xlsx	Excel Workbook	Excel file with Monte Carlo analysis for customer counts, equipment penetration, and usage coefficients. File includes key inputs and breakouts by state.
Workpapers_2022 IRP MonteCarlo Load Peak Loads.xlsx	Excel Workbook	Excel file with Monte Carlo analysis for peak load. File includes breakouts by state and customer type.
Workpapers_2022 IRP Monte Carlo Supply Inputs Final.xlsx	Excel Workbook	These are Monte Carlo inputs that feed into the PLEXOS model regarding supply inputs.
Workpapers_2022 IRP PLEXOS Monte Carlo Oregon Sales Load Daily.xlsx	Excel Workbook	Excel with Oregon sales demand model and load.

Workpapers_2022 IRP PLEXOS Monte Carlo Oregon Transport Loads Daily.xlsx	Excel Workbook	Excel with Oregon transport demand model and load.
Workpapers_2022 IRP PLEXOS Monte Carlo Washington Sales Load Daily.xlsx	Excel Workbook	Excel with Washington sales demand model and load.
Workpapers_2022 IRP PLEXOS Monte Carlo Washington Transport Loads Daily.xlsx	Excel Workbook	Excel with Washington transport demand model and load.
Workpapers_2022 IRP Scenario Demand-Side Costs.xlsx	Excel Workbook	This file provides demand-side costs broken out by state.
Workpapers_2022 IRP Scenario Demand-Side Summary Results.xlsx	Excel Workbook	This workbook provides summary results from the demand-side analysis.
Workpapers_2022 IRP Scenario Loads.xlsx	Excel Workbook	Load breakout by scenario
Workpapers_2022 IRP Scenario Results.xlsx	Excel Workbook	This workbook provides the results for any one of NW Natural's nine IRP scenarios.
Workpapers_2022 IRP Monte Carlo Single Draw Summary.xlsx	Excel Workbook	This file provides as summary of the Monte Carlo results for any selected draw.
Workpapers_2022 IRP Monte Carlo GHG Compliance Policy Paths Simulations.xlsx	Excel Workbook	Simulation allowance price from California carbon market