**First Principles Advisory R2X Onboarding:**

Task: Use the Plexos parser developed in the open-source R2X tool to convert the NVE IRP Plexos file to a Sienna parser compatible set of files. To accomplish this task we provide you a with a partially filled r2x user\_dict configuration file which you will need to complete and use with r2x to properly convert the file.

You can use the directions to install r2x as listed on the github repository. You must use the `kt/fix\_scenario\_filtering` branch of r2x to convert the file.

R2X Github Repository: <https://github.com/NREL/R2X/tree/kt/fix_scenario_filtering>

Notes:

* The `year` and `weather\_year` flag in the R2X CLI must be set to 2030
* You can ignore the following warnings:

WARNING: Could not find record\_name = \_NVE IRP Expansion\_SPPC\_Geothermal or property\_name = Rating Factor in fpath = NVE\_7\_19\_24/shapes/geothermal/Geothermal E3 12x24.csv. Check data file.

WARNING: Could not find record\_name = \_NVE IRP Expansion\_NVP\_Geothermal or property\_name = Rating Factor in fpath = NVE\_7\_19\_24/shapes/geothermal/Geothermal E3 12x24.csv. Check data file.

WARNING: Could not find record\_name = \_LT\_Expansion\_Geothermal or property\_name = Rating Factor in fpath = NVE\_7\_19\_24/shapes/geothermal/Geothermal E3 12x24.csv. Check data file.

WARNING: Fuel mapping not found for \_LT\_Expansion\_Open Positions with fuel\_type=None

WARNING: Fuel mapping not found for NVE.Owned.DR/DSM.ACLM with fuel\_type=None

WARNING: Fuel mapping not found for NVE.Owned.DR/DSM.PV with fuel\_type=None

WARNING: Fuel mapping not found for PPA.Contracted.DR/DSM.PV with fuel\_type=None

WARNING: Fuel mapping not found for NVE.Owned.DR/DSM.BESS-2 with fuel\_type=None

WARNING: Fuel mapping not found for Tuning Adjustment with fuel\_type=None