

This folder contains input files that are used within the simulation. The files are as follows:

Demand_Route15: This file includes the amount of buses needed in the bus fleet within a day(24 Hours).

DriveCycle_ECE_R15: Speed profile for ECE15 urban bus driving cycle.

Electricity_Price: Electricity price in \$/MWh for each region. The electricity price within a year for Adelaide, Calgary, Munich, and Singapore are listed through columns 2 to 5 respectively.

Emission: The average emission factor in Kg CO₂/MWh within a day for each region. The emission factor for Adelaide, Calgary, Munich, and Singapore are listed through columns 2 to 5 respectively.

Temperature: Hourly average temperature within a year for each region. The temperature in centigrade for Singapore, Munich, Calgary, and Adelaide are listed through columns 2 to 5 respectively.

Input_parameters_BYD : Includes bus physical attributes, driving cycle, demand, and