

UTILITY ENERGY DATA UPDATE

Draft 2024 Energy Data

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Environmental Planner

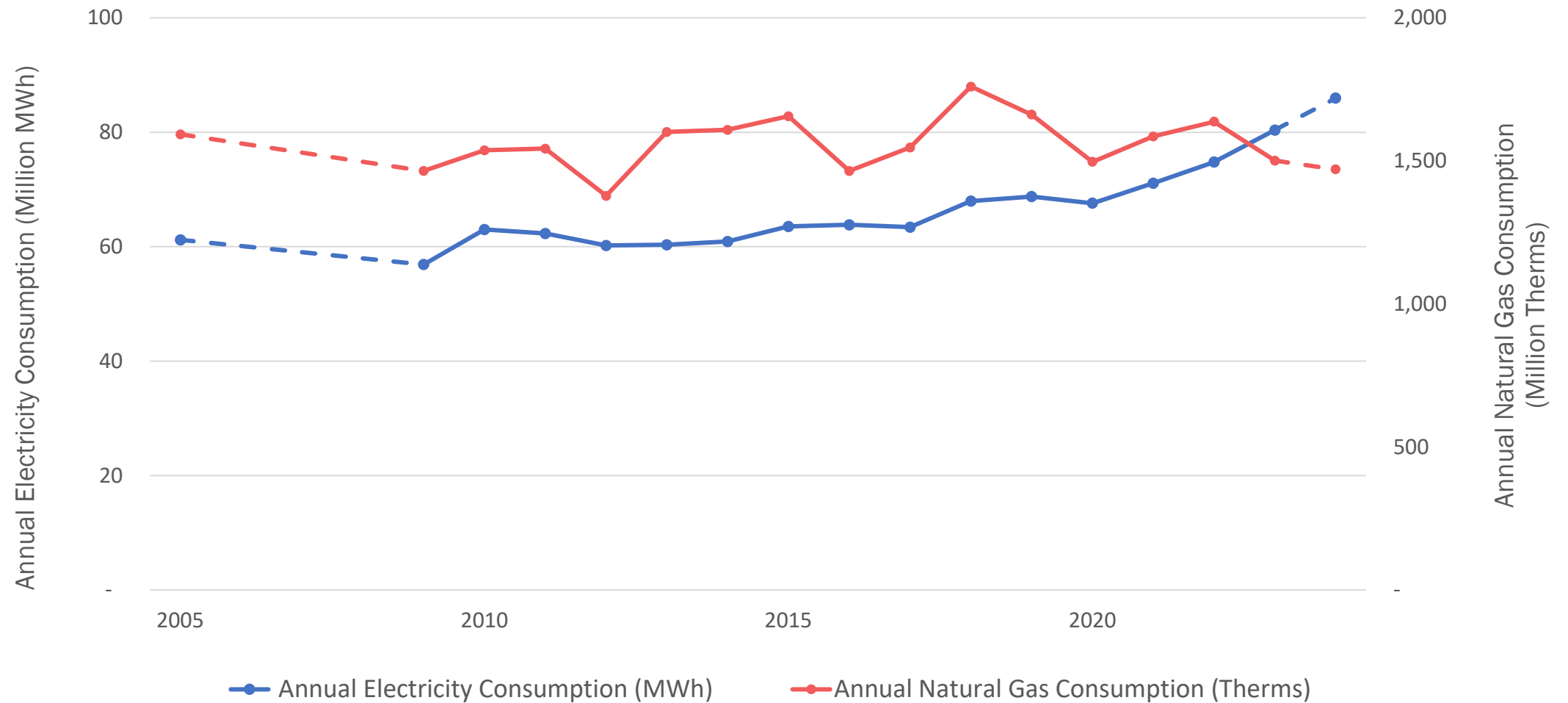
BEEAC Meeting
September 18, 2025

Utility Energy Data

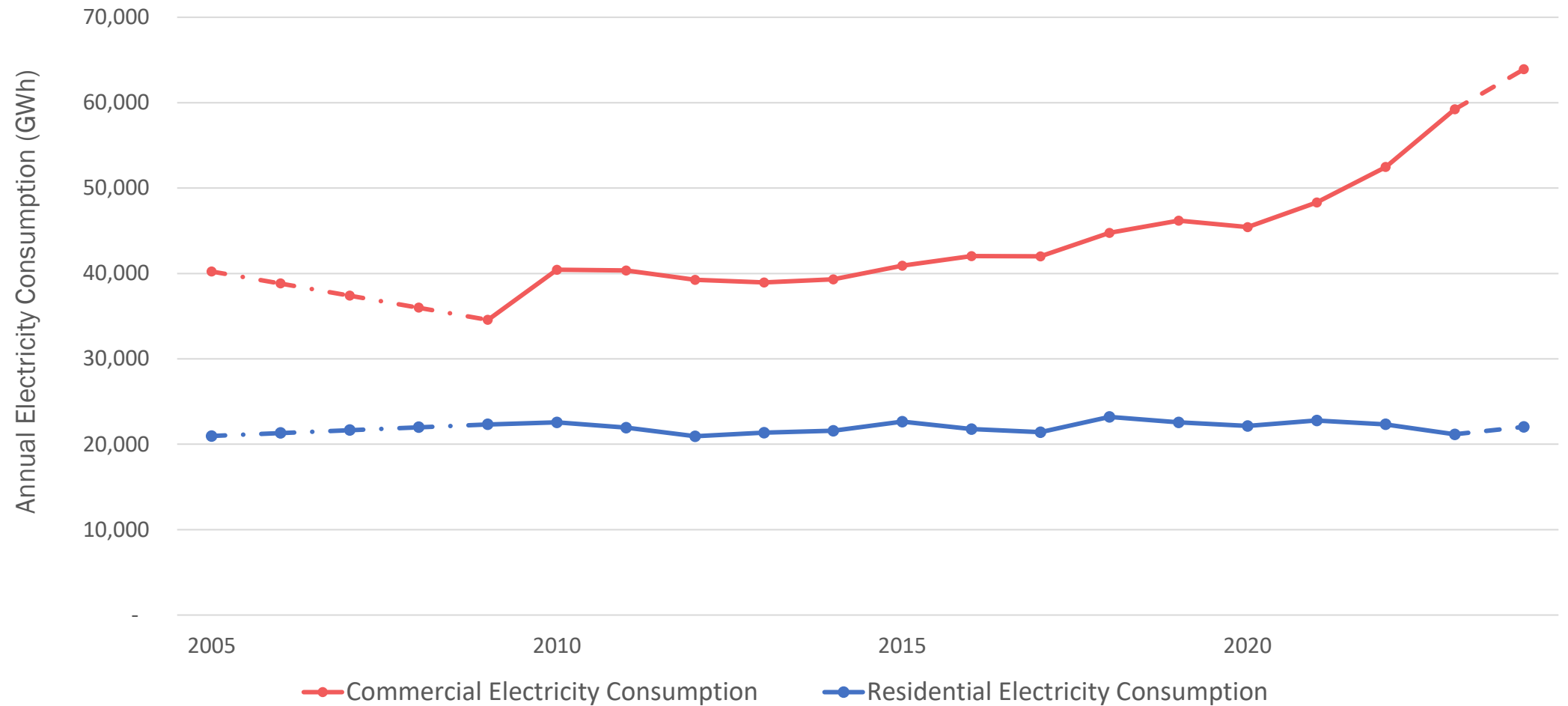
- Where can I find the data?
 - Shared Dropbox Folder
- This folder includes:
 - Each Utility's Raw Data for the year 2005, and 2009 through 2024
 - Grid-Connected Renewable Energy data
 - Utility Data Summaries for each of the above years*
 - An All-Years Utility Data Summary

* All summaries have been updated and reflect data used for inventory years. Details of any changes made can be found in the note sections of each summary.

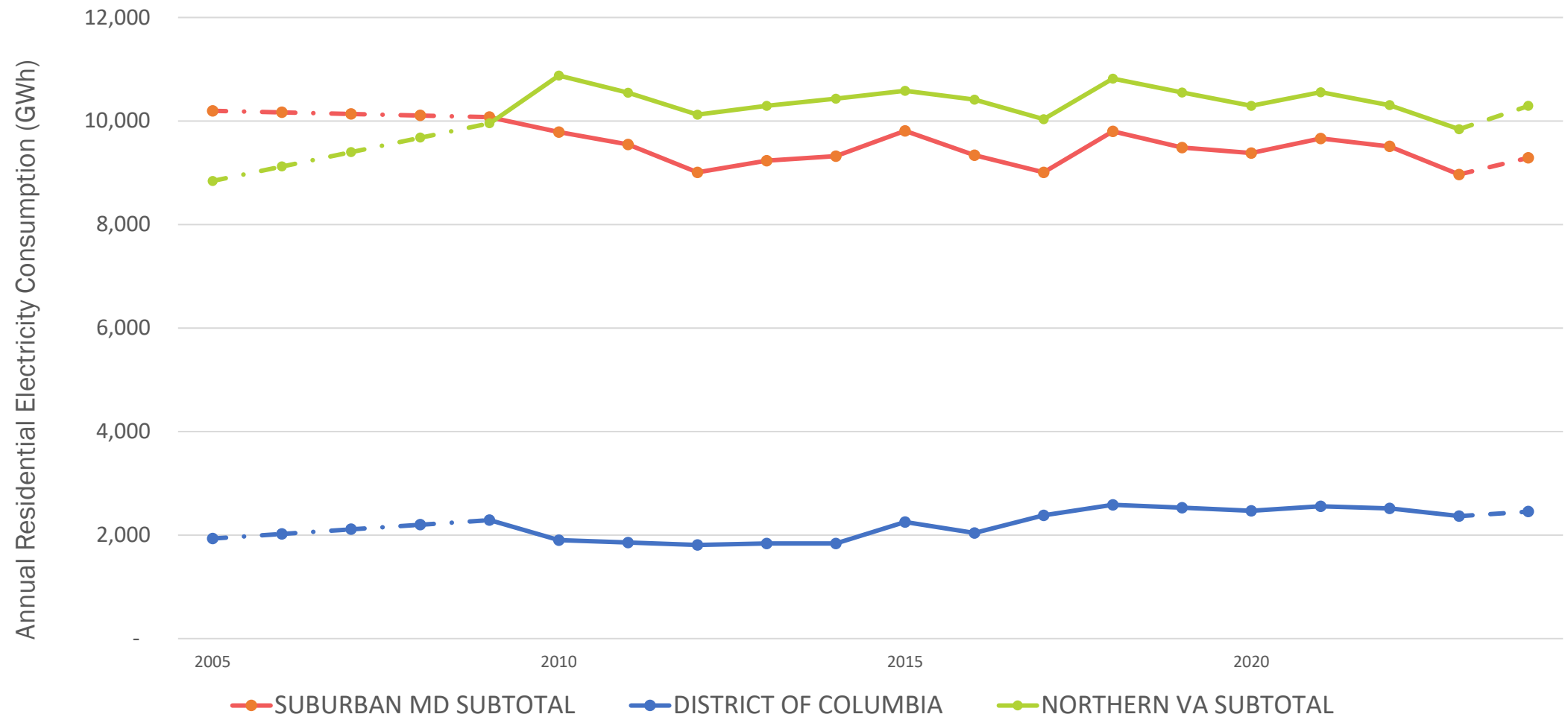
Electricity & Natural Gas Consumption



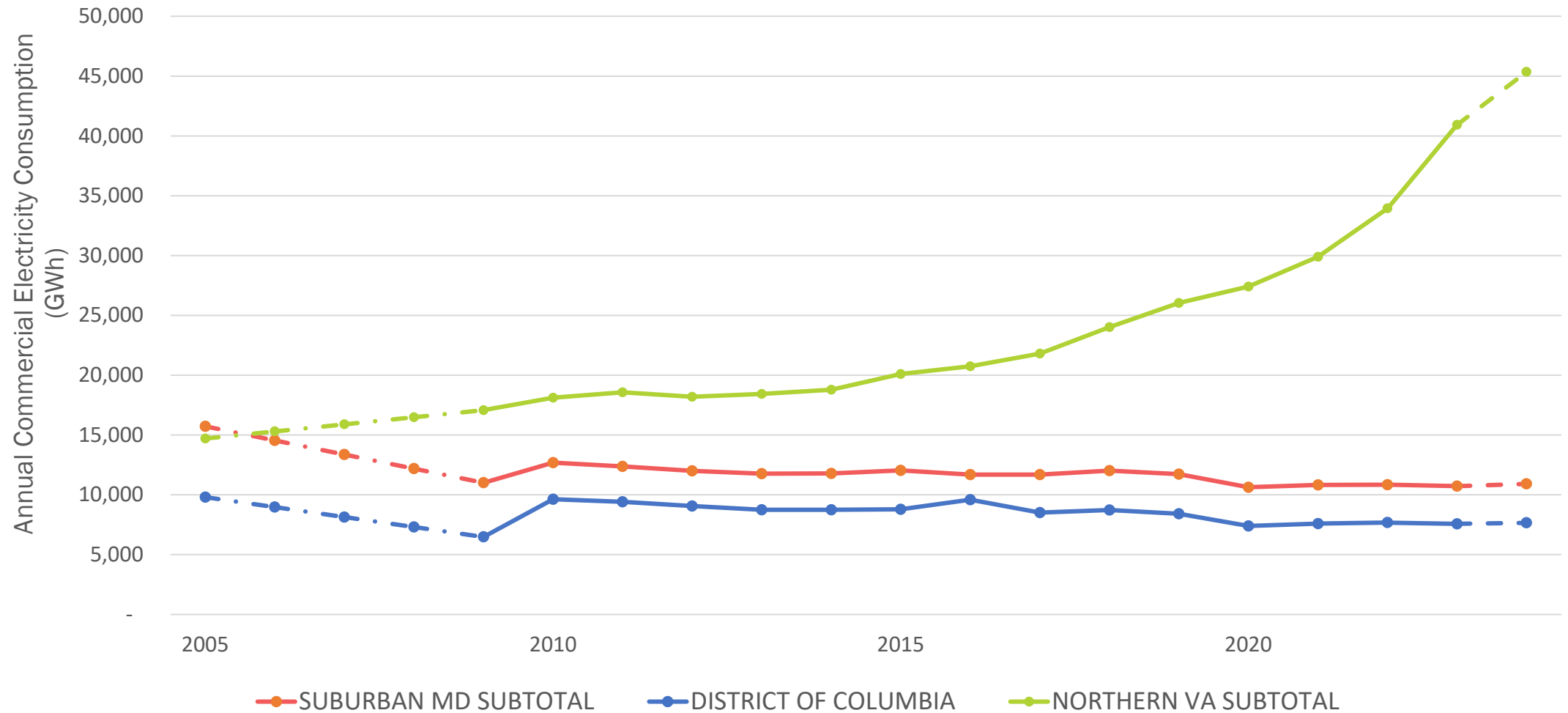
Residential & Commercial Electricity Consumption



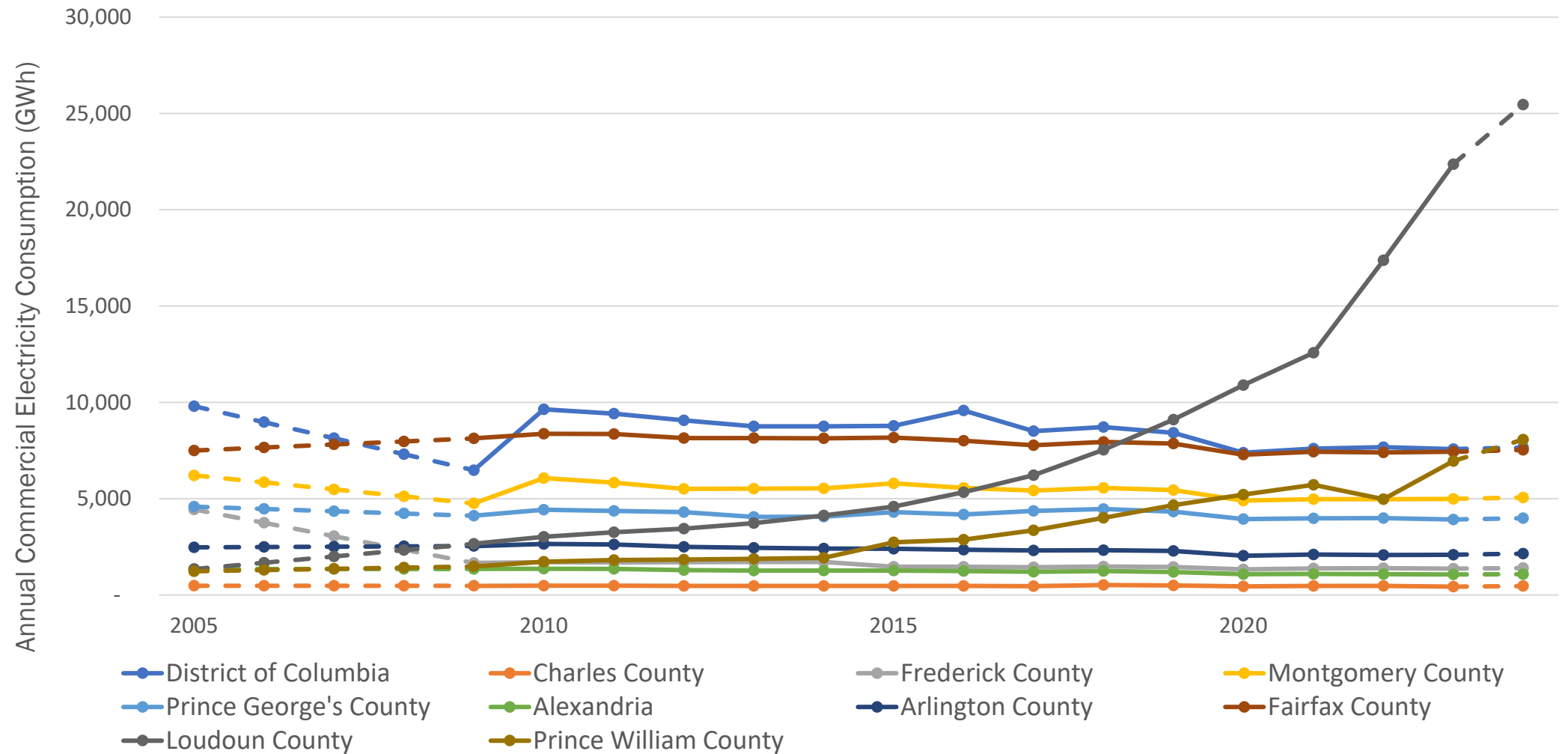
Residential Electricity Trends



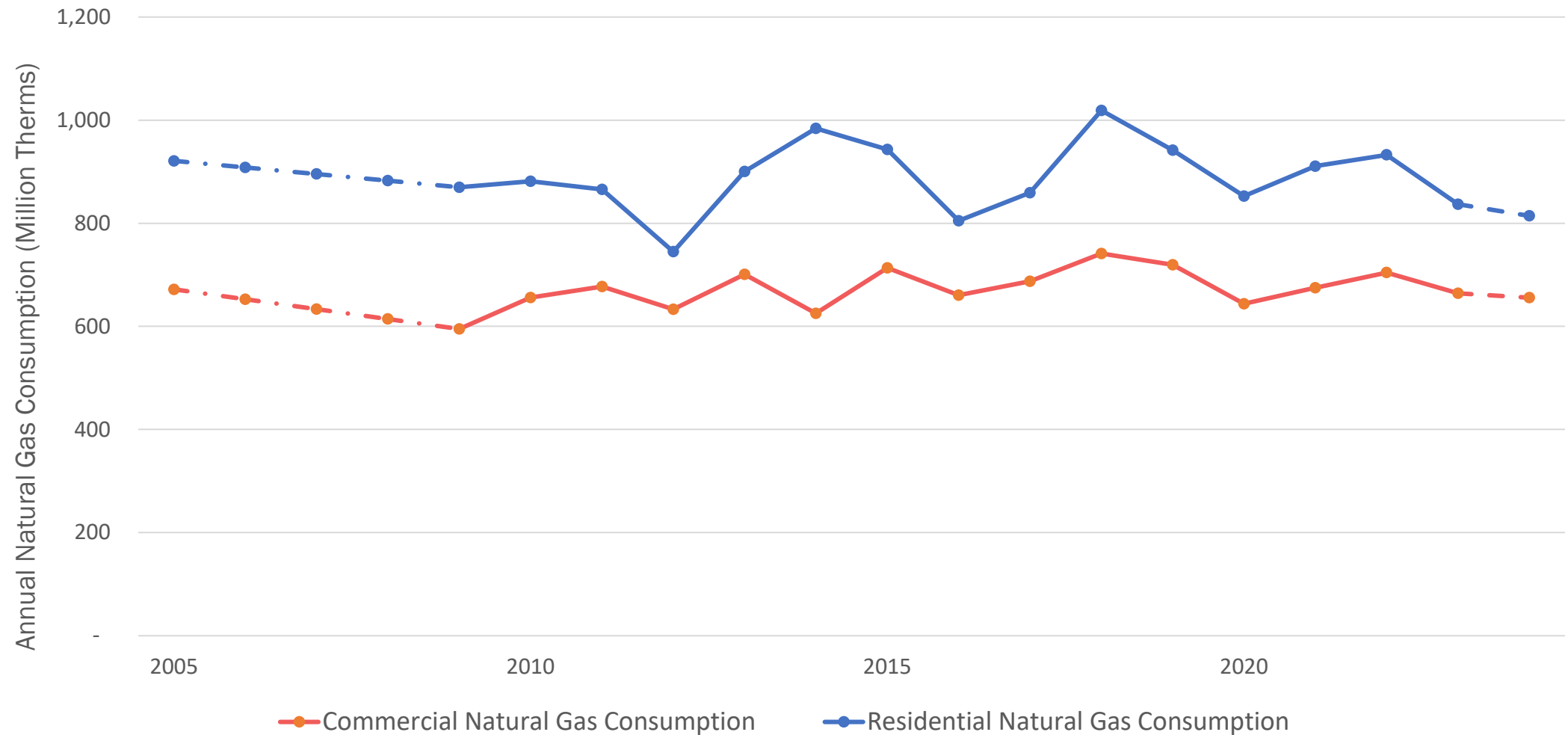
Commercial Electricity Trends



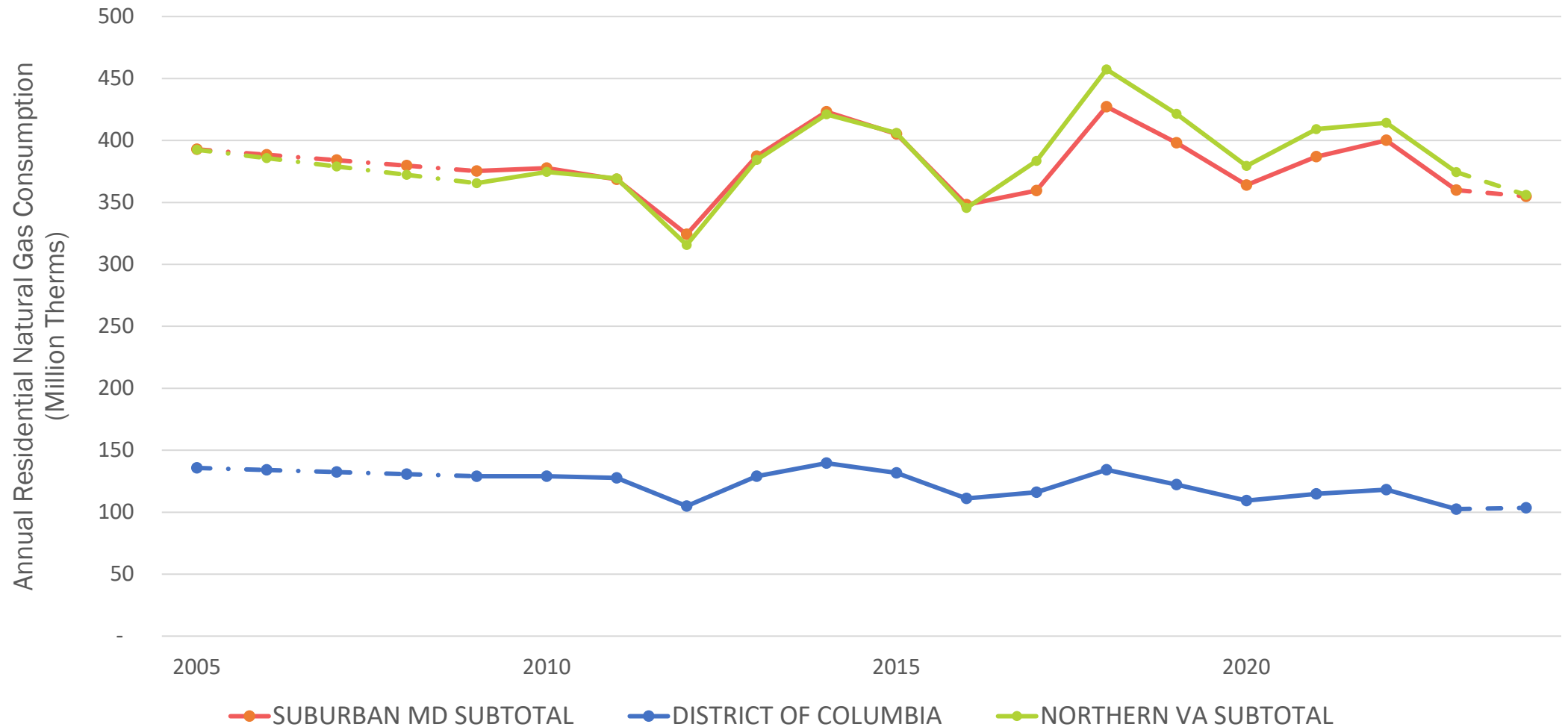
Local Commercial Electricity Trends



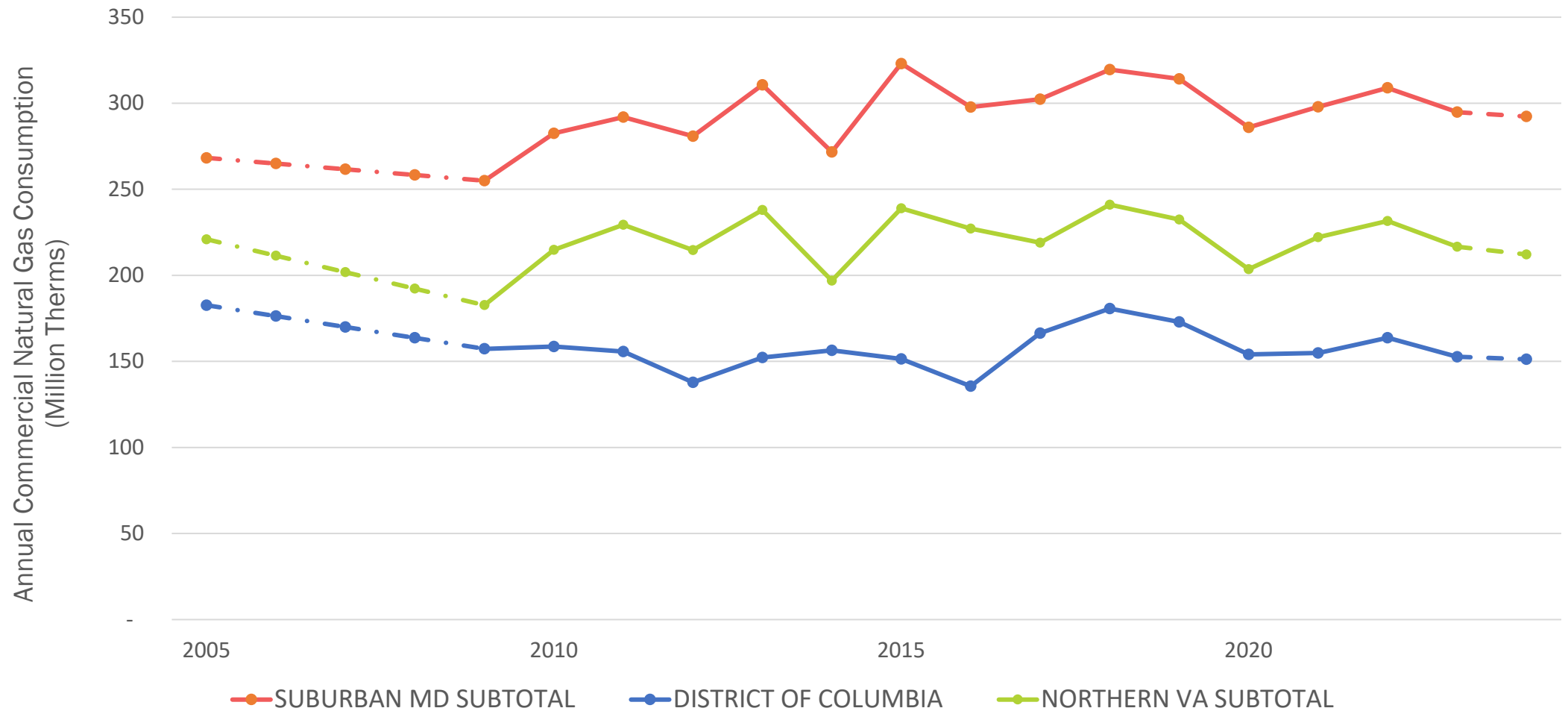
Residential & Commercial Natural Gas Consumption



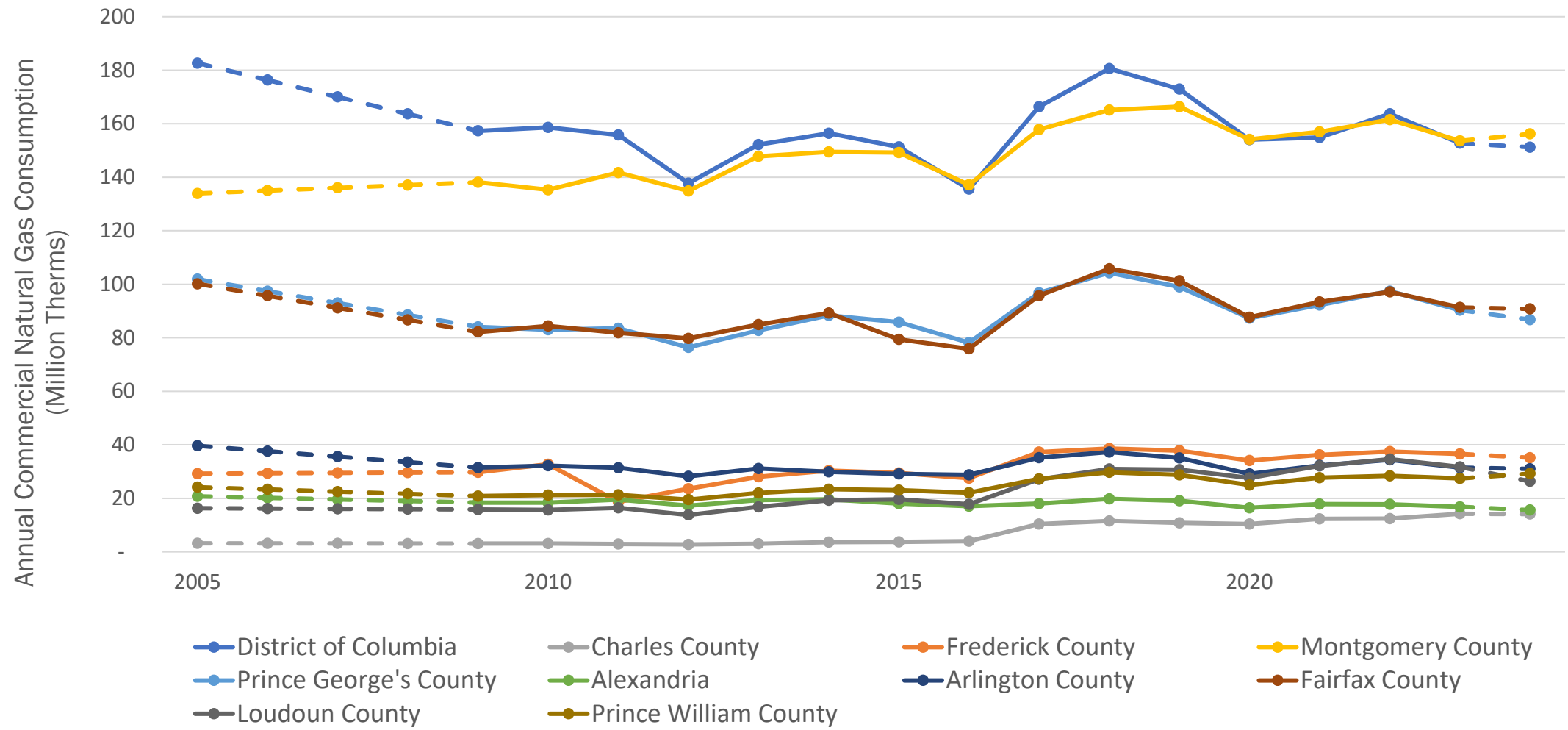
Residential Natural Gas Trends



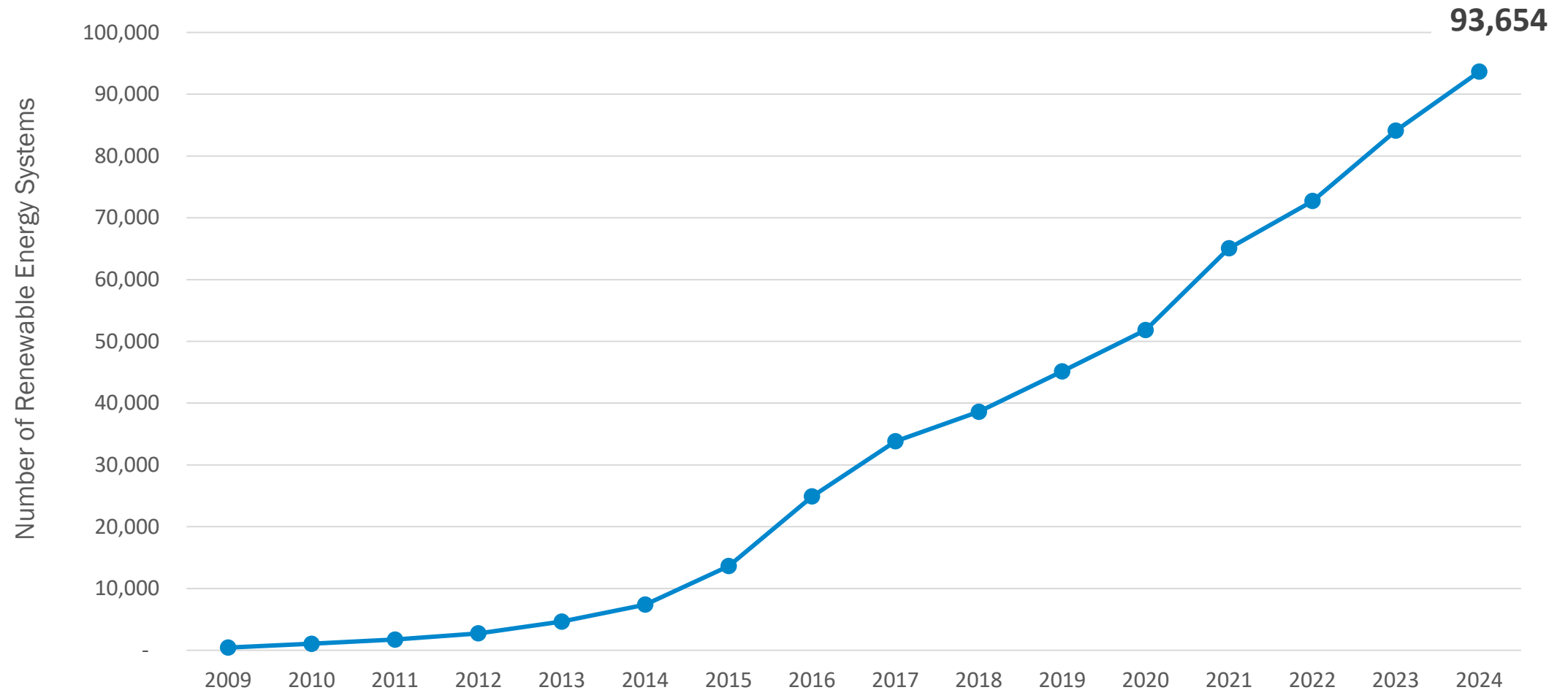
Commercial Natural Gas Trends



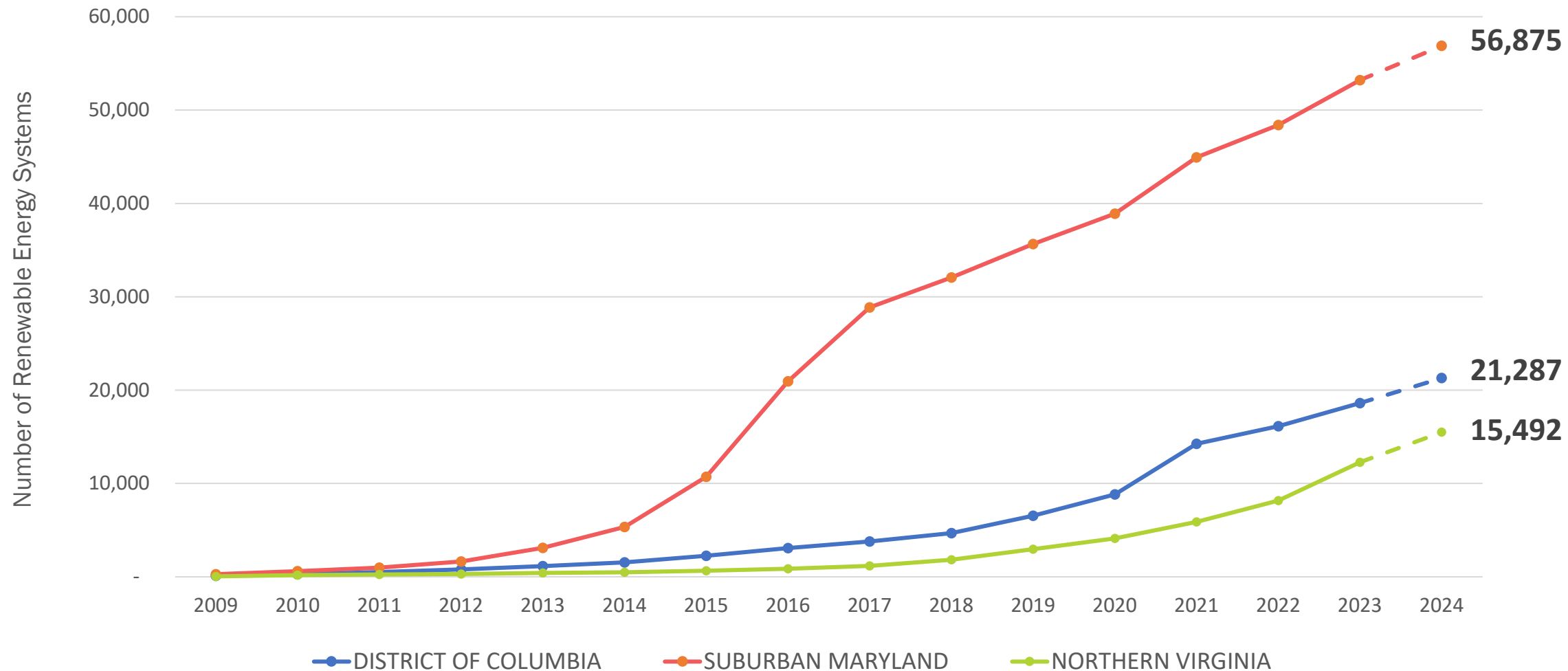
Local Commercial Natural Gas Trends



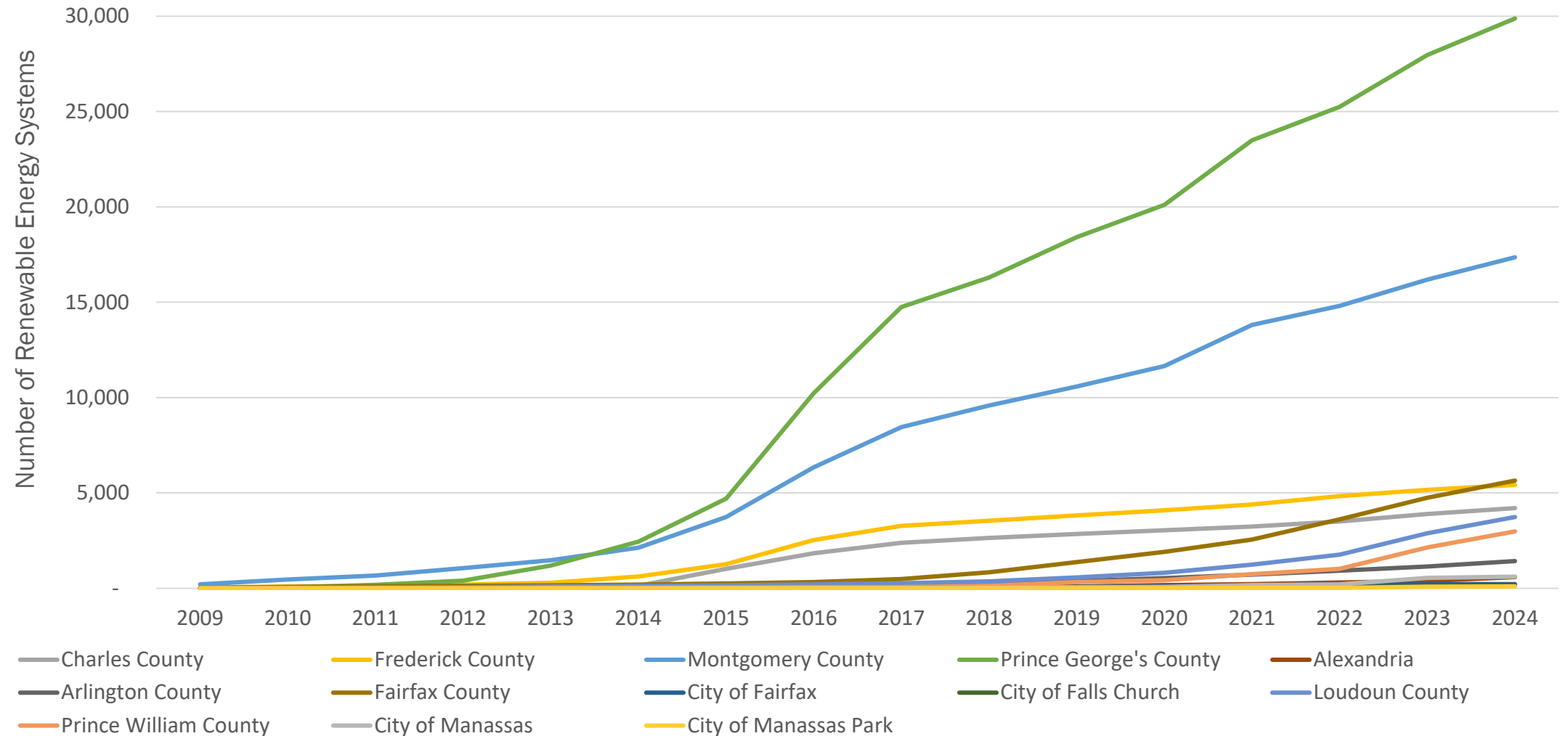
Grid-Connected Renewable Energy Systems



Grid-Connected Renewable Energy Systems



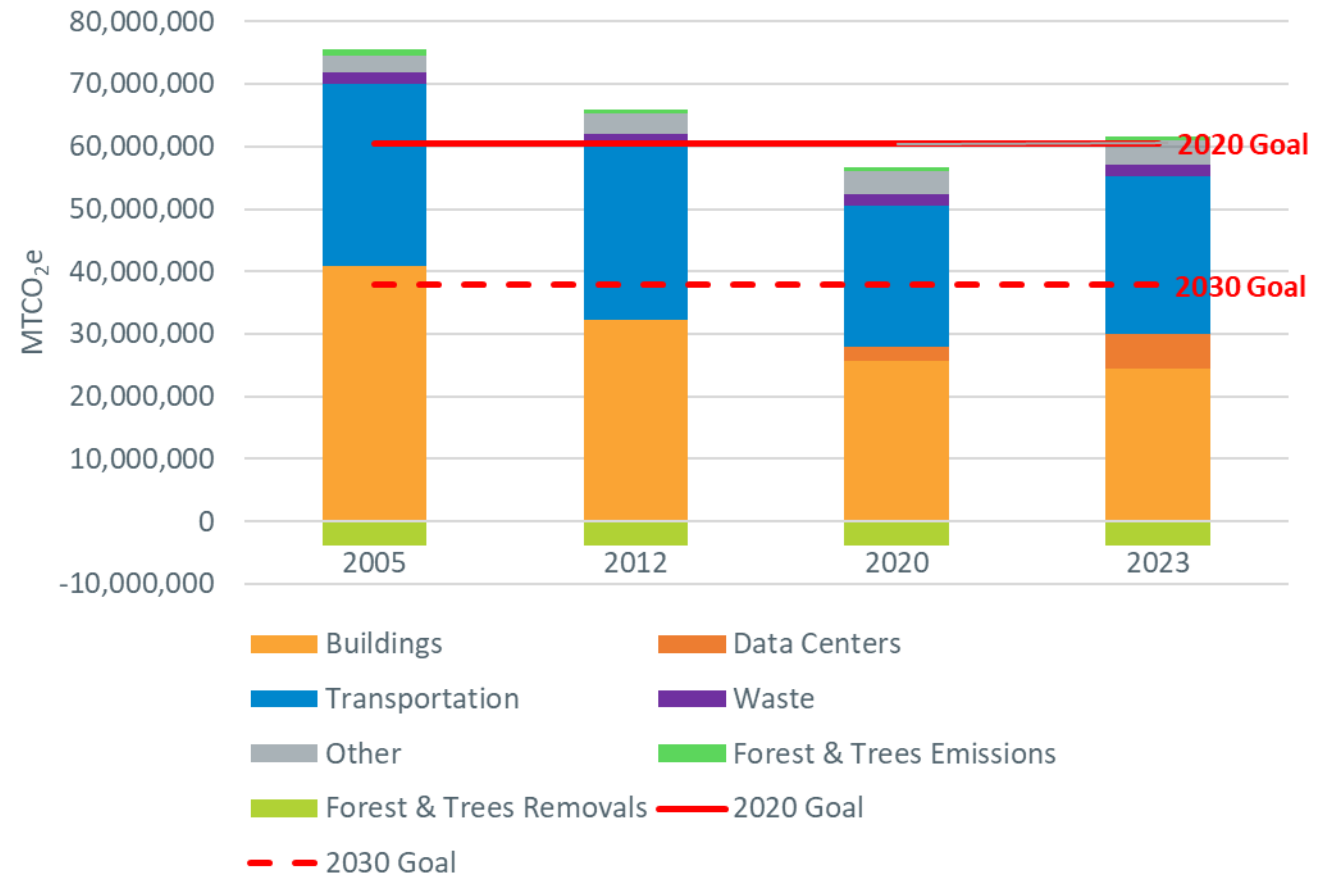
Grid-Connected Renewable Energy Systems



Regional GHG Emission Reduction Results

Metropolitan Washington
GROSS greenhouse gas
emissions decreased by **19%**
from 2005 - 2023.

Metropolitan Washington
NET greenhouse gas
emissions decreased by **20%**
from 2005 - 2023.



Reduction Equivalencies

The COG Region reduced emissions by **>14 MMTCO₂e** between 2005 and 2023.
That's equivalent to....



>2.9 Million
Homes Off the
Grid in a Year



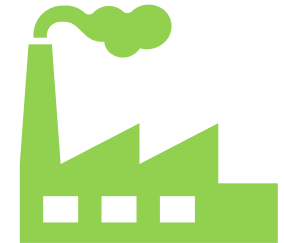
>232.7 Million
Tree Seedlings
Grown for 10
Years



>4.9 Million
Tons of Waste
Diverted to
Recycling

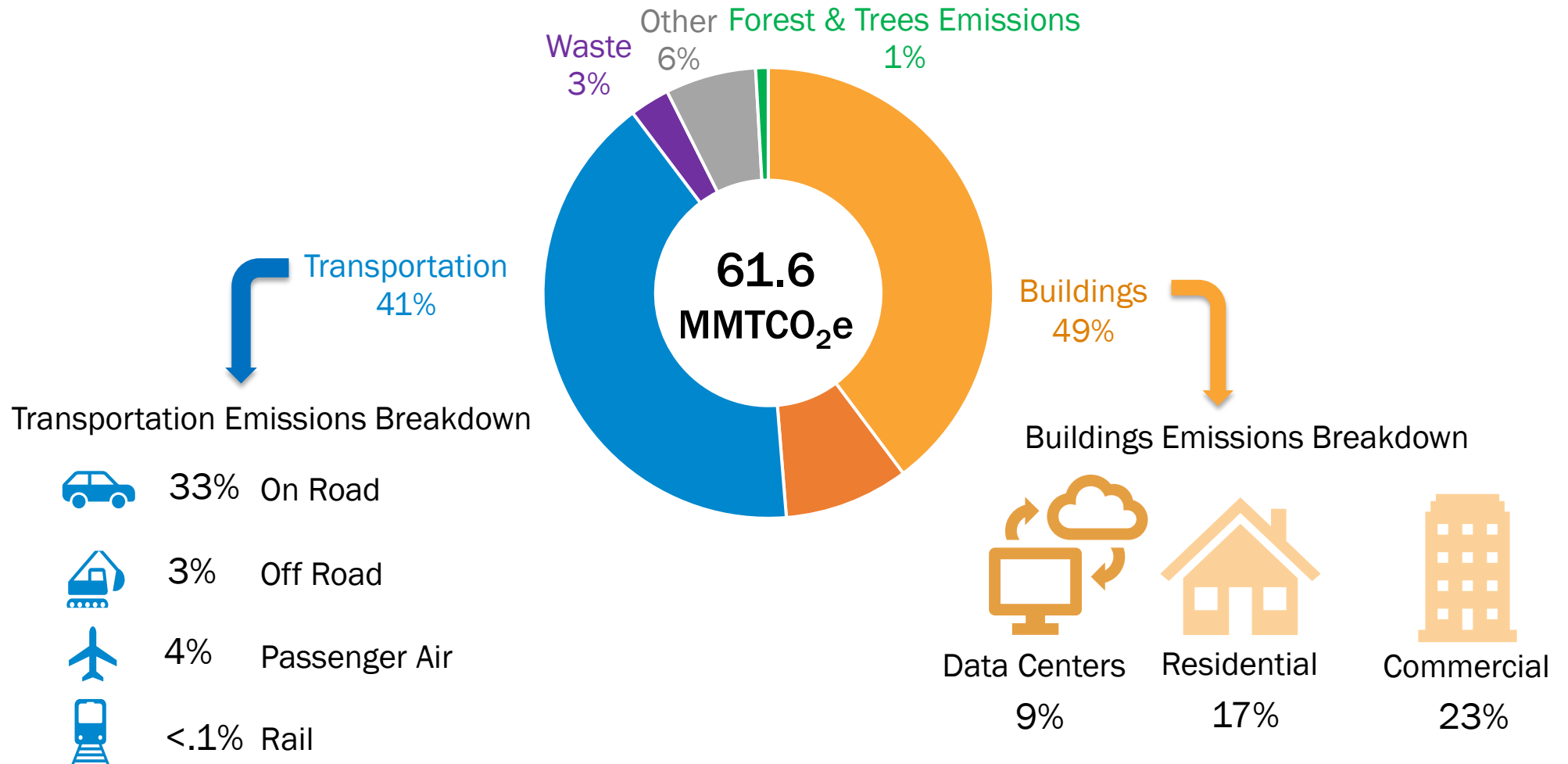


>3.2 Million
Gas Passenger
Cars Off the
Road for a Year

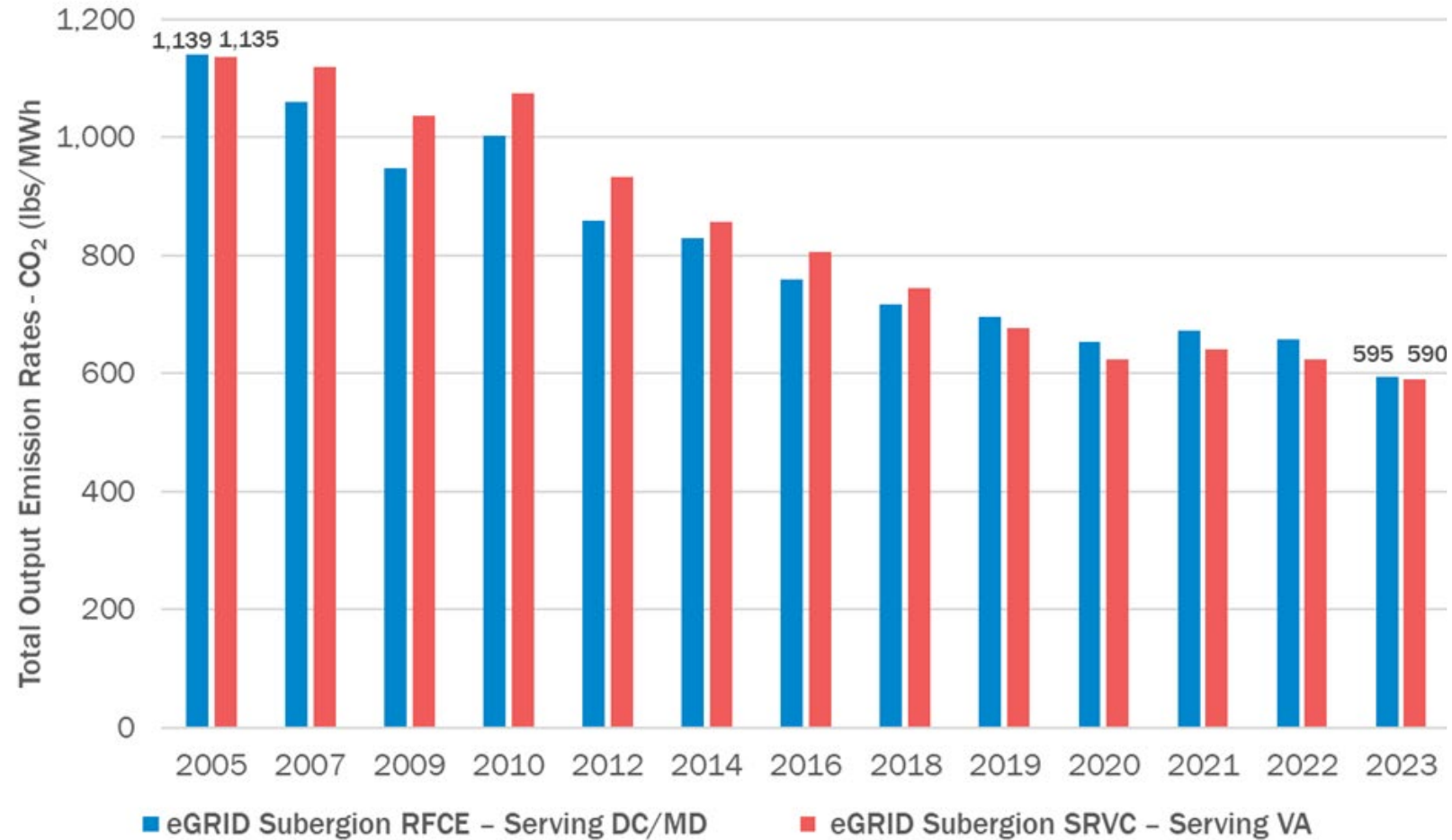


>15.6 Billion
Pounds of Coal
Burning Avoided

2023 Gross Emissions by Sector



eGRID GHG Subregion Emission Rates



2023 GHG Inventory Timeline

Tasks	Fall 2024	Winter 2024	Spring 2025	Summer 2025	Fall 2025	Winter 2025
Utility Energy Data						
Non-Utility Fuel						
Fugitive						
On-Road						
Off-Road						
Air Passenger Travel						
Commuter Rail						
Waste						
Agriculture						
Forestry						
Draft Deliverables						
Comment Period & 1-on-1s						
Contribution Analyses						
Final Deliverables						

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