

Gregory Woodrich
[REDACTED]
Williamsville, NY 14221

June 2, 2022

Draft Scoping Plan Comments
NYSERDA
17 Columbia Circle
Albany, NY 12203-6399

Dear Person:

Energy Equivalent Conversion of Natural Gas in CCF to Electricity in KWh

January 21, 2022 to February 21, 2022 billing cycle. Actual numbers from a NYS Natural Gas Utility.
Used 221CCF, billed \$193.84.

Energy from 221CCF/month of natural gas is equivalent to 6,480KWh/month of electricity.

It would take 6,480KWh/month of electricity to replace 221CCF/month of natural gas.

6,480KWh at 0.20 cents = \$1296 billed from electrical utility. Only \$194 for natural gas.

Proposals eliminating or curtailing use of natural gas are not workable, cost is prohibitive and an extremely irresponsible proposal being put forth by New York State Agencies.

Math conversion calculations next:

$221\text{CCF} = 22,100\text{CF} = 22,100,000\text{btu}$. Used $1000\text{btu}/\text{CF}$
 $3412\text{btu} = 1\text{KWh}$. $22,100,000\text{btu}/3412\text{btu} = 6,480\text{KWh}$.

Not addressed above:

Homeowner electrical service from pole to meter and after meter not sized to handle 6,480KWh.

Utility distribution systems not presently designed to a power a neighborhood of extreme demand.

Cost of new furnace, hot water tank, clothes dryer, cooking range not included.

Current electric usage of 610KWh not included from appliances such as microwave, air conditioning, dehumidifier, lighting and video.

I oppose any curtailment of natural gas. Thank You.

[REDACTED] Sincerely,

Gregory Woodrich

GGW

