

Expected Annual Increase in Residential Sector Annual Costs Using the Tier 4 Cost Impacts

\$ 0.2050 \$ per kWh

[New York Statewide Average Price of Residential Electricity September 2021](#)

49,081 Table 3-7a NYS Electricity Sales by Sector (GWh)

[NYSERDA Patterns & Trends 2003-2017](#)

7,144,413 Appendix F-2 Residential Sector Electric Customer Count

[NYSERDA Patterns & Trends 2003-2017](#)

6,870 Average residential electricity use kWh per year

Calculated

\$ 1,408 Average residential electricity bill per year

Annual Fuel Mix (Energy)		Energy (GWh)						Annual Tier 4 Increase	
		2020	2025	2030	2035	2040	Added	2.10%	4.10%
Tier 4 Petition							18,527	\$ 24.96	\$ 48.96
Tier 4 Calculated							18,527	\$ 29.57	\$ 57.74
Scenario 2	Hydro Imports (New)	-	-	8,760	8,760	8,760	8,760		
	Wind	4,796	8,238	9,663	11,013	16,033	11,237		
	Wind Imports	-	-	7,206	23,083	25,122	25,122		
	Wind_Offshore	-	7,611	25,657	40,995	59,847	59,847		
	Total	4,796	15,849	51,286	83,852	109,762	104,966	\$ 167.56	\$ 327.14
Scenario 3	Hydro Imports (New)	-	-	8,760	8,760	8,760	8,760		
	Wind	4,796	8,238	12,302	14,135	16,803	12,007		
	Wind Imports	-	-	9,622	21,370	25,008	25,008		
	Wind_Offshore	-	7,611	27,293	43,174	69,508	69,508		
	Total	4,796	15,849	57,977	87,439	120,079	115,283	\$ 184.03	\$ 359.29
Scenario 4	Hydro Imports (New)	-	-	8,760	8,760	8,760	8,760		
	Wind	4,796	8,238	9,554	11,449	17,310	12,513		
	Wind Imports	-	-	11,215	24,188	25,030	25,030		
	Wind_Offshore	-	7,611	27,293	41,565	65,699	65,699		
	Total	4,796	15,849	56,822	85,962	116,799	112,003	\$ 178.79	\$ 349.07