

NYISO Outlook Study Baseline with CLCPA Case Forecast Scenario and Integration Analysis Mitigation Scenarios Installed Capacity (MW)

Resource	NYISO Baseline w/ CLCPA Case			Strategic Use of Low-Carbon Fuels			Accelerated Transition from Combustion			Beyond 85% Reduction		
	2019	2030	2040	2020	2030	2040	2020	2030	2040	2020	2030	2040
Nuclear	5,400	3,364	3,364	4,860	3,355	3,355	4,860	3,355	3,355	4,860	3,355	3,355
Fossil	26,262	21,232	0	26,388	21,579	0	26,388	22,398	0	26,388	21,579	0
DEFR	0	420	44,750	0	0	21,015	0	0	23,522	0	0	23,676
Hydro	6,331	7,537	7,540	5,754	7,345	7,348	5,754	7,345	7,348	5,754	7,345	7,348
LBW	1,985	9,086	19,087	1,917	3,814	5,845	1,917	4,600	6,126	1,917	3,859	6,282
OSW	0	5,036	9,000	0	6,200	14,364	0	6,600	16,756	0	6,600	15,875
Solar	2,148	4,676	4,676	2,592	18,852	43,432	2,592	16,762	41,420	2,592	18,060	41,623
Storage	1,405	4,410	11,450	2,185	4,435	12,149	2,185	4,435	13,642	2,185	4,435	13,012
Other				327	327	327	327	327	327	327	327	327
Total	43,531	55,761	99,867	44,023	65,907	107,835	44,023	65,823	112,497	44,023	65,561	111,499

NYISO Outlook Study Baseline with CLCPA Case Forecast Scenario and Integration Analysis Mitigation Scenarios Generation (GWhr)

Resource	NYISO Baseline w/ CLCPA Case			Strategic Use of Low-Carbon Fuels			Accelerated Transition from Combustion			Beyond 85% Reduction		
	2019	2030	2040	2020	2030	2040	2020	2030	2040	2020	2030	2040
Nuclear	45,429	27,444	27,092	38,318	26,452	26,452	38,318	26,452	26,452	38,318	26,452	26,452
Fossil	50,520	19,987	0	70,449	24,562	0	70,461	25,668	0	70,459	25,587	0
DEFR	0	0	34,005	0	0	3,342	0	0	4,440	0	0	4,644
Hydro	40,034	46,342	46,391	37,481	49,978	49,165	37,482	49,991	49,103	37,482	49,987	49,144
LBW	4,416	26,971	59,362	4,796	9,873	16,035	4,796	12,296	16,799	4,796	9,966	17,274
OSW	0	20,186	35,647	0	25,657	59,778	0	27,293	69,388	0	27,293	65,700
Solar	2,812	8,816	8,819	3,908	32,965	80,620	3,908	28,596	75,966	3,908	31,293	76,465
Storage	612	7,004	21,339	-90	-1,007	-2,543	-90	-1,045	-2,730	-90	-1,032	-2,726
Other				2,721	2,721	2,721	2,721	2,721	2,721	2,721	2,721	2,721
Total	143,823	156,750	232,655	157,584	171,201	235,571	157,596	171,973	242,139	157,594	172,268	239,675