

Appendix H

New York State Estimated Customer-Sited Solar Capacity and Generation by County, 2011–2021

Table H-1. Solar Installed Capacity (kW) Generation (MWh)

County	2011	2016	2021
New York State	84,207	752,611	3,595,192
Albany	2,661	23,641	83,988
Allegghany	66	3,116	16,373
Bronx	1,103	10,927	46,417
Broome	560	3,053	26,465
Cattaraugus	117	1,009	30,565
Cayuga	171	2,608	9,660
Chautauqua	394	4,326	15,951
Chemung	103	3,865	30,647
Chenango	82	1,065	26,942
Clinton	307	1,750	28,820
Columbia	1,678	13,921	41,143
Cortland	139	3,094	48,503
Deleware	203	1,278	9,657
Dutchess	2,756	23,861	97,105
Erie	3,906	21,361	115,477
Essex	310	1,076	3,215
Franklin	78	896	9,260
Fulton	59	2,524	76,612
Genesee	117	1,461	39,244
Greene	430	3,780	33,523
Hamilton	36	168	307
Herkimer	84	1,309	8,197
Jefferson	189	3,702	65,016
Kings	1,890	15,400	72,421
Lewis	12	397	23,458
Livingston	163	2,801	21,070
Madison	184	2,006	37,238
Monroe	951	12,930	111,339
Montgomery	279	6,435	42,233
Nassau	11,286	67,215	222,606
New York	733	1,883	9,378
Niagara	540	3,765	42,899
Oneida	433	12,585	53,441
Onondaga	973	12,132	41,706
Ontario	364	7,946	39,897
Orange	1,581	44,786	202,467
Orleans	73	1,129	15,796
Oswego	145	3,485	24,609
Ostego	163	1,238	7,472
Putnam	262	4,249	11,501
Queens	2,459	25,191	128,321
Rensselaer	1,208	18,040	62,638
Richmond	396	34,725	102,894
Rockland	626	20,616	47,901
St. Lawrence	920	22,494	91,442
Saratoga	782	14,478	74,956
Schenectady	202	2,395	7,539
Schoharie	56	1,185	9,616
Schuyler	77	2,517	15,652
Seneca	197	5,617	22,732
Steuben	65	1,277	33,876
Suffolk	27,058	147,434	612,573
Sullivan	591	5,471	48,250
Tioga	194	1,353	74,914
Tompkins	882	15,980	90,880
Ulster	2,853	21,036	105,284
Warren	333	10,119	15,113
Washington	466	10,325	32,697
Wayne	218	6,290	35,942
Westchester	3,469	41,486	128,322
Wyoming	92	1,032	3,825
Yates	52	1,195	7,207

Table H-2. Solar Estimated Annual

County	2011	2016	2021
New York State	97,499	841,934	4,220,153
Albany	2,976	26,740	98,589
Allegghany	62	3,077	19,219
Bronx	1,211	12,941	54,485
Broome	568	3,448	31,065
Cattaraugus	118	1,109	35,879
Cayuga	188	2,856	11,339
Chautauqua	384	4,385	18,724
Chemung	108	3,830	35,974
Chenango	87	1,249	31,626
Clinton	300	2,009	33,830
Columbia	1,766	15,935	48,295
Cortland	146	3,240	56,934
Deleware	213	1,425	11,336
Dutchess	3,046	25,138	113,986
Erie	3,567	22,786	135,550
Essex	321	1,179	3,774
Franklin	80	1,024	10,869
Fulton	65	2,872	89,930
Genesee	119	1,651	46,066
Greene	476	4,354	39,350
Hamilton	40	177	360
Herkimer	91	1,370	9,622
Jefferson	162	3,766	76,319
Kings	2,092	18,019	85,007
Lewis	12	406	27,535
Livingston	177	3,224	24,733
Madison	181	2,216	43,711
Monroe	959	13,970	130,693
Montgomery	274	7,593	49,575
Nassau	14,655	79,470	261,302
New York	800	2,223	11,008
Niagara	513	3,991	50,357
Oneida	445	12,465	62,732
Onondaga	1,043	13,441	48,956
Ontario	376	8,934	46,832
Orange	1,747	48,737	237,664
Orleans	85	1,300	18,542
Oswego	152	3,970	28,887
Ostego	164	1,331	8,771
Putnam	276	4,661	13,500
Queens	2,742	28,947	150,620
Rensselaer	1,342	21,078	73,527
Richmond	418	39,420	120,777
Rockland	692	21,990	56,229
St. Lawrence	1,028	24,620	107,338
Saratoga	840	16,615	87,986
Schenectady	228	2,868	8,850
Schoharie	59	1,321	11,288
Schuyler	78	2,583	18,373
Seneca	199	5,992	26,684
Steuben	68	1,402	39,765
Suffolk	33,169	169,544	719,062
Sullivan	595	5,647	56,637
Tioga	204	1,483	87,937
Tompkins	900	16,670	106,678
Ulster	3,121	22,133	123,586
Warren	344	10,730	17,740
Washington	508	11,409	38,381
Wayne	217	6,843	42,190
Westchester	3,777	45,747	150,628
Wyoming	90	1,190	4,490
Yates	55	1,239	8,460