EXHIBIT 1: RESIDENTIAL SOLAR PENETRATION BY STATE
AS OF Q3 2022

Cumulative Residential Solar Capacity		
State	MW	Rank
California	10,035.7	1
Arizona	1,846.3	2
Florida	1,359.5	3
Texas	1,276.6	4
New York	1,267.5	5
New Jersey	1,245.5	6
Massachusetts	989.8	7
Maryland	787.0	8
Nevada	689.5	9
Colorado	639.9	10
Connecticut	535.7	11
Hawaii	534.2	12
Utah	421.9	13
Pennsylvania	383.9	14
Puerto Rico	382.3	15
Illinois	346.3	16
North Carolina	280.9	17
Washington	254.8	18
South Carolina	254.6	19
Virginia	250.9	20
New Mexico	237.9	21
Oregon	215.5	22
Missouri	215.4	23
Louisiana	128.1	24
Michigan	115.9	25
Ohio	101.1	26
New Hampshire	99.1	27
Idaho	96.8	28
Vermont	93.5	29
Washington DC	89.6	30
Rhode Island	88.9	31
Minnesota	84.6	32
Delaware	75.4	33
Arkansas	67.1	34
Indiana	65.7	35
Iowa	63.6	36
Wisconsin	62.7	37
Maine	59.3	38
Georgia	53.6	39
Kansas	33.8	40
Oklahoma	33.5	41
Kentucky	28.8	42
Montana	22.9	43
Tennessee	17.2	44
West Virginia	16.4	45
Nebraska	12.8	46
Alaska	12.2	47
Wyoming	11.9	48
Mississippi	4.1	49
Alabama	1.4	50
South Dakota	0.8	51
North Dakota	0.5	52

Residential Solar Capacity per Capita		
State	W/Person	Rank
Hawaii	370.6	1
California	255.8	2
Arizona	253.7	3
Nevada	219.3	4
Connecticut	148.6	5
Vermont	144.8	6
Massachusetts	141.7	7
New Jersey	134.4	8
Washington DC	133.7	9
Maryland	127.7	10
Utah	126.4	11
Puerto Rico	117.1	12
New Mexico	112.4	13
Colorado	110.1	14
Rhode Island	81.1	15
Delaware	75.1	16
New Hampshire	71.4	17
New York	63.9	18
Florida	62.4	19
Idaho	50.9	20
Oregon	50.7	21
South Carolina	49.0	22
Maine	43.3	23
Texas	43.2	24
Missouri	34.9	25
Washington	32.9	26
Pennsylvania	29.6	27
Virginia	29.0	28
Louisiana	27.7	29
Illinois	27.3	30
North Carolina	26.6	31
Arkansas	22.2	32
Montana	20.8	33
Wyoming	20.5	34
Iowa	19.9	35
Alaska	16.6	36
Minnesota	14.8	37
Michigan	11.5	38
Kansas	11.5	39
Wisconsin	10.6	40
Indiana	9.7	41
West Virginia	9.2	42
Ohio	8.6	43
Oklahoma	8.4	44
Nebraska	6.5	45
Kentucky	6.4	46
Georgia	5.0	47
Tennessee	2.5	48
Mississippi	1.4	49
South Dakota	0.9	50
North Dakota	0.7	51
Alabama	0.3	52

Single-Family Homes with Solar		
State	Percent	Rank
Hawaii	27.0%	1
California	15.4%	2
Nevada	9.4%	3
Arizona	9.0%	4
Washington DC	8.5%	5
Massachusetts	7.3%	6
Connecticut	6.4%	7
Utah	6.4%	8
New Jersey	6.0%	9
Colorado	5.2%	10
New Mexico	5.0%	11
Puerto Rico	4.9%	12
Maryland	4.3%	13
Rhode Island	4.3%	14
New York	3.8%	15
Vermont	3.4%	16
New Hampshire	2.3%	17
Delaware	2.2%	18
Oregon	2.2%	19
Florida	2.0%	20
Idaho	2.0%	21
Texas	2.0%	22
Missouri	1.5%	23
South Carolina	1.4%	24
Washington	1.3%	25
Illinois	1.1%	26
Louisiana	1.1%	27
Virginia	1.1%	28
Pennsylvania	1.0%	29
North Carolina	0.8%	30
Alaska	0.7%	31
Maine	0.7%	32
Wyoming	0.7%	33
Montana	0.6%	34
Arkansas	0.6%	35
Iowa	0.6%	36
Minnesota	0.5%	37
Wisconsin	0.5%	38
Michigan	0.4%	39
Ohio	0.3%	40
Kansas	0.3%	41
Oklahoma	0.3%	42
Indiana	0.3%	43
Georgia	0.2%	44
Kentucky	0.2%	45
Nebraska	0.2%	46
West Virginia	0.2%	47
Tennessee	0.1%	48
Mississippi	0.1%	49
South Dakota	0.0%	50
North Dakota	0.0%	51
Alabama	0.0%	52

Sources: SEIA/Wood Mackenzie U.S. Solar Market Insight Q3 2022, U.S. Census Bureau