

There is a case to be made for the CT Solar Lease program. The two charts represent typical Solar systems up to the maximum state rebated system of 10 Kw. The 1st chart calculates your approx lease payment against your project electric bill.

5% inflation factor

System Size KW	Approx system cost	Approx Rebate	Net System cost	Approx monthly payment	Approx kw output yrly	Approx electric 2010	Approx electric 2010	Approx electric 2011	Approx electric 2012	Approx electric 2013	Approx electric 2014	Approx electric 2015	Approx electric 2016	Approx electric 2017	Approx electric 2018	2018 electric annually	lease payments annually	Annual savings 2018 lease vs electric bill
2	\$ 17,100.00	\$ 8,379.00	\$ 8,721.00	\$ 46.18	2,160	\$ 37.80	\$ 39.69	\$ 41.67	\$ 43.76	\$ 45.95	\$ 48.24	\$ 50.66	\$ 53.19	\$ 55.85	\$ 58.64	\$ 703.68	\$ 554.13	\$ 149.55
3	\$ 25,650.00	\$ 12,568.50	\$ 13,081.50	\$ 69.27	3,240	\$ 56.70	\$ 59.54	\$ 62.51	\$ 65.64	\$ 68.92	\$ 72.37	\$ 75.98	\$ 79.78	\$ 83.77	\$ 87.96	\$ 1,055.52	\$ 831.20	\$ 224.33
4	\$ 34,200.00	\$ 16,758.00	\$ 17,442.00	\$ 92.36	4,320	\$ 75.60	\$ 79.38	\$ 83.35	\$ 87.52	\$ 91.89	\$ 96.49	\$ 101.31	\$ 106.38	\$ 111.70	\$ 117.28	\$ 1,407.36	\$ 1,108.26	\$ 299.10
5	\$ 42,750.00	\$ 20,947.50	\$ 21,802.50	\$ 115.44	5,400	\$ 94.50	\$ 99.23	\$ 104.19	\$ 109.40	\$ 114.87	\$ 120.61	\$ 126.64	\$ 132.97	\$ 139.62	\$ 146.60	\$ 1,759.21	\$ 1,385.33	\$ 373.88
6	\$ 51,300.00	\$ 25,137.00	\$ 26,163.00	\$ 138.53	6,480	\$ 113.40	\$ 119.07	\$ 125.02	\$ 131.27	\$ 137.84	\$ 144.73	\$ 151.97	\$ 159.57	\$ 167.54	\$ 175.92	\$ 2,111.05	\$ 1,662.40	\$ 448.65
7	\$ 59,850.00	\$ 29,326.50	\$ 30,523.50	\$ 161.62	7,560	\$ 132.30	\$ 138.92	\$ 145.86	\$ 153.15	\$ 160.81	\$ 168.85	\$ 177.29	\$ 186.16	\$ 195.47	\$ 205.24	\$ 2,462.89	\$ 1,939.46	\$ 523.43
8	\$ 68,400.00	\$ 33,516.00	\$ 34,884.00	\$ 184.71	8,640	\$ 151.20	\$ 158.76	\$ 166.70	\$ 175.03	\$ 183.78	\$ 192.97	\$ 202.62	\$ 212.75	\$ 223.39	\$ 234.56	\$ 2,814.73	\$ 2,216.53	\$ 598.20
9	\$ 76,950.00	\$ 37,705.50	\$ 39,244.50	\$ 207.80	9,720	\$ 170.10	\$ 178.61	\$ 187.54	\$ 196.91	\$ 206.76	\$ 217.10	\$ 227.95	\$ 239.35	\$ 251.32	\$ 263.88	\$ 3,166.57	\$ 2,493.60	\$ 672.98
10	\$ 85,500.00	\$ 41,895.00	\$ 43,605.00	\$ 230.89	10,800	\$ 189.00	\$ 198.45	\$ 208.37	\$ 218.79	\$ 229.73	\$ 241.22	\$ 253.28	\$ 265.94	\$ 279.24	\$ 293.20	\$ 3,518.41	\$ 2,770.66	\$ 747.75

7% inflation factor

System Size KW	Approx system cost	Approx Rebate	Net System cost	Approx monthly payment	Approx kw output yrly	Approx electric 2010	Approx electric 2010	Approx electric 2011	Approx electric 2012	Approx electric 2013	Approx electric 2014	Approx electric 2015	Approx electric 2016	Approx electric 2017	Approx electric 2018	2018 electric annually	lease payments annually	Annual savings 2018 lease vs electric bill
2	\$ 17,100.00	\$ 8,379.00	\$ 8,721.00	\$ 46.18	2,160	\$ 37.80	\$ 40.45	\$ 43.28	\$ 46.31	\$ 49.55	\$ 53.02	\$ 56.73	\$ 60.70	\$ 64.95	\$ 69.49	\$ 833.93	\$ 554.13	\$ 279.79
3	\$ 25,650.00	\$ 12,568.50	\$ 13,081.50	\$ 69.27	3,240	\$ 56.70	\$ 60.67	\$ 64.92	\$ 69.46	\$ 74.32	\$ 79.52	\$ 85.09	\$ 91.05	\$ 97.42	\$ 104.24	\$ 1,250.89	\$ 831.20	\$ 419.69
4	\$ 34,200.00	\$ 16,758.00	\$ 17,442.00	\$ 92.36	4,320	\$ 75.60	\$ 80.89	\$ 86.55	\$ 92.61	\$ 99.10	\$ 106.03	\$ 113.46	\$ 121.40	\$ 129.89	\$ 138.99	\$ 1,667.85	\$ 1,108.26	\$ 559.59
5	\$ 42,750.00	\$ 20,947.50	\$ 21,802.50	\$ 115.44	5,400	\$ 94.50	\$ 101.12	\$ 108.19	\$ 115.77	\$ 123.87	\$ 132.54	\$ 141.82	\$ 151.75	\$ 162.37	\$ 173.73	\$ 2,084.81	\$ 1,385.33	\$ 699.48
6	\$ 51,300.00	\$ 25,137.00	\$ 26,163.00	\$ 138.53	6,480	\$ 113.40	\$ 121.34	\$ 129.83	\$ 138.92	\$ 148.64	\$ 159.05	\$ 170.18	\$ 182.10	\$ 194.84	\$ 208.48	\$ 2,501.78	\$ 1,662.40	\$ 839.38
7	\$ 59,850.00	\$ 29,326.50	\$ 30,523.50	\$ 161.62	7,560	\$ 132.30	\$ 141.56	\$ 151.47	\$ 162.07	\$ 173.42	\$ 185.56	\$ 198.55	\$ 212.44	\$ 227.32	\$ 243.23	\$ 2,918.74	\$ 1,939.46	\$ 979.27
8	\$ 68,400.00	\$ 33,516.00	\$ 34,884.00	\$ 184.71	8,640	\$ 151.20	\$ 161.78	\$ 173.11	\$ 185.23	\$ 198.19	\$ 212.07	\$ 226.91	\$ 242.79	\$ 259.79	\$ 277.98	\$ 3,335.70	\$ 2,216.53	\$ 1,119.17
9	\$ 76,950.00	\$ 37,705.50	\$ 39,244.50	\$ 207.80	9,720	\$ 170.10	\$ 182.01	\$ 194.75	\$ 208.38	\$ 222.97	\$ 238.57	\$ 255.27	\$ 273.14	\$ 292.26	\$ 312.72	\$ 3,752.66	\$ 2,493.60	\$ 1,259.07
10	\$ 85,500.00	\$ 41,895.00	\$ 43,605.00	\$ 230.89	10,800	\$ 189.00	\$ 202.23	\$ 216.39	\$ 231.53	\$ 247.74	\$ 265.08	\$ 283.64	\$ 303.49	\$ 324.74	\$ 347.47	\$ 4,169.63	\$ 2,770.66	\$ 1,398.96

Please note that this figures are approximate and can change based on your house and your roof. Other factors such as orientation, shading, roof pitch play a significant role in the CCEF rebate and therefore your lease payment. For an accurate quote on a solar system by a qualified CT installer please go to the free solar evaluation form on the website.