

2019 Report from Maine

Written by Administrator

Tuesday, 31 December 2019 17:14 - Last Updated Thursday, 02 January 2020 09:38

December 31, 2019 - The Maine Solar House continues its 'green work' overlooking the Rachel Carson Wildlife Refuge along the Maine Coast. After a quarter of a century, some maintenance is due.



PV Output - The numbers are in and the total of 3,964 kWhrs is within the range of the previous two years. This confirms my suspicion that a panel or two were underperforming. Back in 2015, our output was 4,443 kWhrs. Solar Design Associations ran output tests on the full array and found two that needed replacement.



I have an extra panel in the basement and SDA will search for another. To the best of my knowledge, this size panel is no longer available. Still, the array keeps on grinding out solar power that offsets our overall power bill. That's why we went solar and we're fully committed to keeping the array up to specifications. The bottom line: We have a 10% drop in electrical output or, to put it another way, we have an array that delivers 90% of its advertised output :)

Solar Thermal Output - The panels on the roof continue to fill our two 500-gallon tanks in the basement with hot water for use in our radiant floor. A sweeter system hasn't been invented!

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On 12/31/2019 at 17:14:14, the following information was received from the Maine State Office of the Attorney General: