Calendar Years 2016 – 2025 MW Rate Fee Schedule

Type of Energy Technology	2016*	2017*	2018*	2019*	2020*	2021**	2022**	2023**	2024**	2025**
Solar – PV	$2,863	$2,863	$2,863	$2,863	$2,863	$2,172	$2,172	$2,172	$2,172	$2,172
Solar – CPV and CSP	$3,578	$3,578	$3,578	$3,578	$3,578	$2,716	$2,716	$2,716	$2,716	$2,716
CSP with storage capacity of 3 hours or more	$4,294	$4,294	$4,294	$4,294	$4,294	$3,259	$3,259	$3,259	$3,259	$3,259
Wind – all technologies	$5,010	$5,010	$5,010	$5,010	$5,010	$3,802	$3,802	$3,802	$3,802	$3,802

*The MW Rate Schedule for Solar and Wind Energy Development for calendar years 2016 – 2020 was established by regulations published on December 19, 2016 (see 81 FR 92173).

**The MW Rate Schedule for Solar and Wind Energy Development for calendar years 2021 – 2025 was determined in accordance with 43 CFR 2806.52(b)(3)(i)&(ii) and 43 CFR 2806.62(b)(3)(i)&(ii). The MWh price adjusted from $38 for calendar years 2016-2020 to $31 for calendar years 2021-2025; while the rate of return adjusted from 4.3% for calendar years 2016-2020 to 4.0% for calendar years 2021-2025. See below for entire formula for determining the MW Rate Schedule for calendar years 2021-2025.

Determination of MW rate schedule for 2021 – 2025

Type of Energy Technology	Hours per Year	Net Capacity Factor	MWh price*	Rate of Return**	MW rate*** 2021 - 2025	% ($) Change from 2016-2020 MW rate
Solar – PV	8,760	0.20	$31	0.04	$2,172	-24% (-$691)
Solar – CPV and CSP	8,760	0.25	$31	0.04	$2,716	-24% (-$862)
CSP with storage capacity of 3 hours or more	8,760	0.30	$31	0.04	$3,259	-24% (-$1,035)
Wind – all technologies	8,760	0.35	$31	0.04	$3,802	-24% (-$1,208)

*The average wholesale price per MWh for the major trading nodes serving the 11 Western States of the continental United States for the full calendar-year period from 2015 – 2019, rounded to the nearest dollar increment, as determined by the NREL.
**The 10-year average of the 20-year U.S. Treasury bond yields from 2010-2019 is calculated to be 2.9%. Therefore, the minimum rate of return of 4 percent is used in the above MW rate calculations.
***MW Rate = H (8,760 hrs) x N (net capacity factor) x MWh (Megawatt Hour price) x R (rate of return)