

Table 19 | New-build Costs for Nuclear, Renewables and Efficiency

	Lazard Ltd. (2018) ^a (in US\$ ₂₀₁₈ /MWh)	BNEF ^b (in US\$ ₂₀₁₉ /MWh)	Market Actuals (in US\$ ₂₀₁₈₋₂₀₁₉ /MWh)
Nuclear new-build	151	195-344 (US)	see country sections
Utility-scale solar	36-44	30-35	19 (Mexico)
Onshore wind power	29-56	27-32	22-26 (India), 17 (Mexico)
Electric end-use efficiency bought by utility programs	0-50	—	U.S. average 23-31 ^c (2009-12)

Notes

Source: Lazard, BNEF, Market Actuals

a - Lazard, “Levelized Cost of Energy Analysis–Version 12.0”, 8 November 2018, see www.lazard.com/media/450784/lazards-levelized-cost-of-energy-version-120-vfinal.pdf.

b - E. Giannakopoulou, T. Brandily, 1H 2019 LCOE Update, 26 March 2019, Bloomberg New Energy Finance subscriber database, see www.bnef.com, accessed 9 July 2019.

c - Megan A. Billingsley, Ian M. Hoffman, et al., “The program administrator Cost of Saved Energy for utility customer-funded energy efficiency programs”, Lawrence Berkeley National Laboratory (LBNL), March 2014, see <https://emp.lbl.gov/sites/all/files/lbnl-6595e.pdf>; and Maggie Molina, “The best value for America’s energy dollar: a national review of the cost of utility energy efficiency programs”, American Council for an Energy-Efficient Economy, Research Report U1402, 25 March 2014, see <http://aceee.org/research-report/u1402>; also M. Wemple, “DSM Achievements and Expenditures 2013”, see <http://www.esource.com/members/DSM-INDBMK-Achievements-2013/DSM-Achievements-and-Expenditures-Study>.