



## Top 30 Tech & Telecom (as of July 23, 2018)

The Top 30 Tech & Telecom list represents the largest green power users among technology and telecommunications partners within the Green Power Partnership. The combined green power use of these organizations amounts to more than 18 billion kilowatt-hours annually, which is equivalent to the electricity use of more than 1.7 million average American homes annually.

Partner Name	Annual Green Power Usage (kWh)	GP % of Total Electricity Use*	Providers (listed in descending order by kWh supplied to Partner)	Green Power Resources
1. Microsoft Corporation	4,557,278,000	100%	Sterling Planet°, Enbridge LLC, EDF Renewable Energy, Black Hills Corp., Renewable Choice Energy°, On-site Generation	Solar, Wind
2. Intel Corporation	4,152,034,623	100%	Renewable Choice Energy°, 3Degrees°, On-site Generation, PNM	Biomass, Geothermal, Small-hydro, Solar, Wind
3. Google Inc.	2,409,051,735	53%	MidAmerican Energy°, NextEra Energy Resources°, Grand River Dam Authority°, Northern Wasco County PUD, Enel Green Power North America, Exelon Generation, EDF Renewable Energy, On-site Generation, Duke Energy	Biogas, Small-hydro, Solar, Wind
4. Apple Inc.	1,650,398,166	107%	On-site Generation, 3 Phases Renewables°, Avangrid Renewables°, 3Degrees°, Cypress Creek Renewables, Silicon Valley Power°, NC GreenPower°, Austin Energy°, Duke Energy, Sacramento Municipal Utility District°, Salt River	Biogas, Biomass, Small-hydro, Solar, Wind

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			Project°, Carbon Solutions Group°, Homefield Energy, Silicon Valley Clean Energy°, Dynegy°, Xcel Energy°, Memphis Light, Gas and Water°, City of Palo Alto Utilities°, Louisville Gas & Electric Company, Dominion Virginia Power°, Central Electric Cooperative, Huntsville Utilities°, Tampa Electric, Dominion Energy, City of Naperville, Avista Utilities, PNM°, Omaha Public Power District, Pacific Power°, NSTAR	
5. Equinix, Inc.	1,475,479,000	105%	3Degrees°, NextEra Energy Resources, Southern Power	Wind
6. Cisco Systems, Inc.	1,106,969,859	100%	Renewable Choice Energy°, 3Degrees°, NRG Energy, Duke Energy, Austin Energy°, On-site Generation	Solar, Wind
7. Digital Realty	719,761,000	25%	E.On Climate and Renewables, Renewable Choice Energy°	Wind
8. T-Mobile	625,600,000	27%	Red Dirt Wind Project, LLC°	Wind
9. HP Inc.	275,346,832	96%	Renewable Choice Energy°, Pacific Power°, Idaho Power°, On-site Generation	Solar, Wind

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10. Dell Inc.	254,365,095	34%	TXU Energy°, Schneider Electric°, Austin Energy°, Oklahoma Gas & Electric, Rocky Mountain Power°, On-site Generation	Solar, Wind
11. Netflix, Inc.	147,087,000	336%	3Degrees	Biomass, Solar, Wind
12. Samsung Electronics and Semiconductors	144,510,000	18%	Renewable Choice Energy°, Austin Energy°	Wind
13. Iron Mountain Information Management, LLC	139,050,333	55%	NJR, Lincoln Clean Energy, Renewable Power Direct, Renewable Choice Energy°	Wind
14. Rackspace US Inc.	125,470,000	44%	MP2 Energy, Schneider Electric°	Wind
15. Zayo Group LLC	86,115,807	25%	MP2 Energy, NextEra Energy Resources	Biomass, Small-hydro, Wind
16. salesforce.com	85,706,000	27%	Renewable Choice Energy°, Salt Fork Wind°	Solar, Wind
17. Workday	67,648,000	101%	Renewable Choice Energy°	Solar, Wind

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18. SAP America	63,940,899	100%	NextEra Energy Resources°	Various
19. Applied Materials, Inc.	58,952,202	23%	Silicon Valley Power°, Austin Energy°, On-site Generation	Biogas, Solar, Wind
20. IBM Cloud / Dallas and Houston Data Centers	57,672,634	100%	MP2 Energy°	Wind
21. AMD	37,499,997	62%	Renewable Choice Energy°	Wind
22. Lenovo	35,000,000	79%	Carbon Solutions Group°	Wind
23. Sony Corporation of America	32,047,427	26%	3Degrees°, Engie°, On-site Generation	Solar
24. VMware, Inc.	30,000,000	28%	Renewable Choice Energy°	Wind
25. Nokia	27,913,209	8%	Reliant Energy°	Wind
26. Green House Data	25,000,000	102%	Powder River Energy Corporation	Wind

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27. 1&1 Internet, Inc.	24,000,000	100%	Bonneville Environmental Foundation°	Various
28. Autodesk, Inc.	14,419,761	100%	3Degrees°, TransCanada°, Marin Clean Energy°, Agera Energy°, Portland General Electric°, Sonoma Clean Power, On-site Generation	Biomass, Geothermal, Small-hydro, Solar, Wind
29. vXchnge	13,978,867	14%	Constellation°	Wind
30. Acer America Corporation	13,969,000	100%	3Degrees°	Wind

\* Reflects the amount of green power as a percentage of total electricity use. Partners choosing to purchase green power in an amount exceeding 100 percent of their U.S. organization-wide electricity use are listed as such.

° Indicates Provider is selling Partner a third-party certified green power product. Get more information on third-party certification: <https://www.epa.gov/greenpower/buy-certified-verified-green-power>.