



Top 30 Tech & Telecom (as of February 5, 2019)

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 20 billion kilowatt-hours annually, which is equivalent to the electricity use of nearly 1.9 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°, Self-supply	Solar, Wind
2. Intel Corporation	4,152,034,623	100%	Renewable Choice Energy°, 3Degrees°, Unknown, PNM, Self-supply	Various
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, Self-supply, Duke Energy, Unknown	Biogas, Small-hydro, Solar, Wind
4. Apple Inc.	1,650,398,166	107%	Self-supply, 3 Phases Renewables°, Avangrid Renewables°, 3Degrees°, Cypress Creek Renewables, SunPower, Silicon Valley Power°, NC GreenPower°, Austin Energy°, Duke Energy, Sacramento Municipal Utility District°, Salt River Project°, Carbon Solutions Group°, Homefield Energy, Silicon Valley Clean Energy°, Dynegy°, Xcel Energy°, Memphis	Various

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
			Light, Gas and Water°, City of Palo Alto Utilities°, Louisville Gas & Electric Company, Capital Dynamics, 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	Various
6. Samsung Electronics and Semiconductors	1,165,494,518	101%	Schneider Electric°, Austin Energy°, Competitive Green Power°, Self-supply	Solar, Wind
7. Cisco Systems, Inc.	1,090,892,778	100%	3Degrees°, TerraPass°, South Pole Group°, NRG Energy, Duke Energy, Austin Energy°, Self-supply	Solar, Wind
8. T-Mobile	625,600,000	27%	Red Dirt Wind Project, LLC°	Wind
9. Switch	544,273,317	100%	EDF Renewable Energy, Southern Nevada Water Authority, SunPower, Consumers Energy, NextEra Energy Resources	Solar, Wind

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10. Iron Mountain Information Management, LLC	508,077,000	87%	Leeward, Lincoln Clean Energy, NJR, Renewable Power Direct, Direct Energy, Schneider Electric°	Wind
11. Digital Realty	428,470,000	9%	E.On Climate and Renewables, SunEnergy1	Solar, Wind
12. HP Inc.	275,346,832	96%	Renewable Choice Energy°, Pacific Power°, Idaho Power°, Self-supply	Various
13. Dell Inc.	254,365,095	34%	TXU Energy°, Schneider Electric°, Austin Energy°, Oklahoma Gas & Electric, Rocky Mountain Power°, Self-supply	Solar, Wind
14. salesforce.com	218,250,985	53%	Enbridge LLC°, Southern Power°, Indianapolis Power & Light°	Wind
15. QTS	161,174,000	15%	Citi	Wind
16. Netflix, Inc.	147,087,000	336%	3Degrees	Biomass, Solar, Wind
17. Rackspace US Inc.	125,470,000	44%	MP2 Energy, Schneider Electric°	Wind
18. SAP America	105,952,833	100%	South Pole Group	Wind

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19. Zayo Group LLC	87,823,648	25%	MP2 Energy, NextEra Energy Resources	Wind
20. Workday	67,648,000	101%	Renewable Choice Energy°	Solar, Wind
21. Applied Materials, Inc.	58,952,202	23%	Silicon Valley Power°, Austin Energy°, Self-supply	Biogas, Solar, Wind
22. IBM Cloud / Dallas and Houston Data Centers	57,672,634	100%	MP2 Energy°	Wind
23. AMD	37,499,997	62%	Renewable Choice Energy°	Wind
24. Lenovo	35,000,000	79%	Carbon Solutions Group°	Wind
25. Sony Corporation of America	32,047,427	26%	3Degrees°, ENGIE°, Self-supply	Various
26. VMware, Inc.	30,000,000	28%	Renewable Choice Energy°	Wind
27. Nokia	27,913,209	8%	Reliant Energy°	Wind

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28. Green House Data	25,000,000	102%	Powder River Energy Corporation	Wind
29. Autodesk, Inc.	24,486,069	100%	3Degrees [°] , Agera Energy [°] , EDF Renewable Services [°] , Marin Clean Energy [°] , Portland General Electric [°] , Self-supply	Various
30. 1&1 Internet, Inc.	24,000,000	100%	Bonneville Environmental Foundation [°]	Various

* 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>.