



## Top 30 Tech & Telecom (as of July 24, 2017)

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 13.8 billion kilowatt-hours annually, which is equivalent to the electricity use of nearly 1.3 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. Intel Corporation	3,804,034,623	100%	Renewable Choice Energy°, 3Degrees°, Silicon Valley Power°, On-site Generation, PNM	Biomass, Geothermal, Small-hydro, Solar, Wind
2. Microsoft Corporation	3,344,727,000	100%	Sterling Planet°, Enbridge LLC°, EDF Renewable Energy°, Renewable Choice Energy°, On-site Generation	Solar, Wind
3. Google Inc.	1,763,588,904	47%	MidAmerican Energy°, NextEra Energy Resources°, Grand River Dam Authority°, Northern Wasco County PUD, On-site Generation	Biogas, Small-hydro, Solar, Wind
4. Apple Inc.	1,173,352,630	100%	3 Phases Renewables°, On-site Generation, 3Degrees°, Avangrid Renewables°, Silicon Valley Power°, Salt River Project°, NC GreenPower°, Austin Energy°, Duke Energy, Sacramento Municipal Utility District°, Origin Climate°, Tennessee	Biogas, Biomass, Small-hydro, Solar, Wind

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			Valley Authority, ACT°, Homefield Energy, GDF Suez Energy Resources NA°, Xcel Energy°, Central Electric Cooperative, Dominion Virginia Power°, Memphis Light, Gas and Water°, City of Palo Alto Utilities°, Louisville Gas & Electric Company°, Juwi, Huntsville Utilities°, United Illuminating, West Rock, Tampa Electric, Arizona Public Service°, City of Naperville, Avista Utilities, Indianapolis Power & Light°, PNM°, Omaha Public Power District, Enlightened, Brookfield Renewable, Pacific Power°, NSTAR	
5. Cisco Systems, Inc.	1,109,490,995	100%	3Degrees°, Renewable Choice Energy°, Duke Energy°, Austin Energy°, On-site Generation	Solar, Wind
6. Digital Realty	719,761,000	25%	E.On Climate and Renewables, Renewable Choice Energy°	Wind
7. Equinix, Inc.	571,084,274	43%	3Degrees°, SunEdison°, Southern Power, NextEra Energy Resources	Wind

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8. Dell Inc.	212,413,724	27%	TXU Energy°, Renewable Choice Energy°, Austin Energy°, Oklahoma Gas & Electric, On-site Generation	Biogas, Solar, Wind
9. Rackspace US Inc.	113,641,000	36%	Direct Energy°	Wind
10. Samsung Electronics and Semiconductors	113,000,000	14%	Renewable Choice Energy°, Austin Energy°	Wind
11. Netflix, Inc.	100,057,534	298%	3Degrees°, Various	Biogas, Biomass, Geothermal, Small-hydro, Solar, Wind
12. Iron Mountain Information Management, LLC	92,760,000	40%	NJR, Renewable Power Direct	Wind
13. Zayo Group LLC	86,115,807	25%	MP2 Energy, NextEra Energy Resources	Biomass, Small-hydro, Wind
14. salesforce.com	78,859,000	30%	Renewable Choice Energy°	Wind

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15. IBM Bluemix Infrastructure (SoftLayer) / Dallas and Houston Data Centers	66,191,487	100%	MP2 Energy°	Wind
16. SAP America	63,940,899	100%	NextEra Energy Resources°	Various
17. VMware, Inc.	60,000,000	50%	Renewable Choice Energy°	Wind
18. Applied Materials, Inc.	59,008,283	23%	Silicon Valley Power°, Austin Energy°, On-site Generation	Biogas, Solar, Wind
19. Workday	55,589,000	100%	Renewable Choice Energy°	Solar, Wind
20. Pitney Bowes	34,883,000	40%	3Degrees°	Wind
21. AMD	28,611,000	51%	Renewable Choice Energy°	Wind
22. Nokia	27,913,209	8%	Reliant Energy°	Wind
23. Sony Corporation of America	24,458,497	26%	3Degrees°	Various

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24. 1&1 Internet, Inc.	24,000,000	100%	Bonneville Environmental Foundation°	Various
25. Green House Data	20,270,000	100%	Renewable Choice Energy°, Greenlight Energy°	Biogas, Biomass, Geothermal, Small-hydro, Solar, Wind
26. Autodesk, Inc.	18,332,000	100%	3Degrees°, Agera Energy°, Marin Clean Energy°, TransCanada°, Sonoma Clean Power, Portland General Electric°, On-site Generation	Biomass, Geothermal, Solar, Wind
27. Lenovo	16,250,020	35%	Renewable Choice Energy°	Wind
28. Acer America Corporation	15,000,000	104%	3Degrees°	Wind
29. vXchnge	13,978,867	14%	Constellation°	Wind
30. Advantest America, Inc.	9,200,000	102%	Renewable Choice Energy°	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>.