

Energy

		Fiscal year					
		Unit	2019	2018	2017	2016	2015
Corporate facilities energy use ¹	Electricity	million kWh	2,427	2,182	1,832	1,420	996
	U.S.	million kWh	2,075	1,830	1,536	1,157	831
	International	million kWh	351	351	296	262	166
	Natural gas	MWh	190,260	189,280	165,330	132,970	105,940
	Biogas	MWh	217,140	226,660	193,280	152,650	143,660
	Propane liquid	MWh	280	280	280	280	70
	Gasoline	MWh	23,950	37,740	31,310	29,200	-
	Diesel (other)	MWh	16,450	20,270	20,670	9,920	-
	Diesel (mobile combustion)	MWh	2,520	4,540	690	460	-
Energy efficiency ²	Corporate facilities						
	Electricity savings	kWh/year	208,645,080	113,203,780	69,989,660	55,288,800	37,875,000
	Fuel savings	mmBTU/year	277,120	254,140	245,340	222,850	167,670
	Supplier facilities ³						
	Electricity savings	kWh/year	943,890,280	798,932,140	473,519,660	159,113,130	38,815,530
	Fuel savings	mmBTU/year	25,120	25,120	5,620	-	-
Renewable electricity	Corporate facilities						
	Renewable energy use	MWh	2,430	2,170	1,770	1,350	920
	% Renewable energy ⁴	percent	100%	99%	97%	96%	93%
	Scope 2 emissions avoided ⁵	metric tons CO ₂ e	899,000	690,000	589,000	541,000	336,000
	Supplier facilities						
	Renewable energy capacity (operational)	GW	2.7	1.9	1.2	0.7	-
	Renewable energy capacity (committed)	GW	5.1	3.3	2	1.3	-
	Renewable energy use	MWh	5,700,000	4,100,000	1,900,000	200,000	-

¹ Select historical breakdowns are not available for 2015.

² Because energy efficiency measures have lasting benefits, energy efficiency savings are calculated cumulatively since 2012. All efficiency measures are retired based on their effective useful lifetime as documented by the California Energy Commission.

³ Supplier energy savings are calculated on a calendar year basis.

⁴ We calculate our progress toward 100 percent renewable energy on a calendar year basis. Beginning January 1, 2018, 100 percent of the electricity we use to power our global facilities is sourced from renewable energy.

⁵ We have adjusted previous years' avoided emissions to remove double counting biogas emissions.

Notes: For data on previous years, please reference past Environmental Responsibility Reports, available at apple.com/environment. Dash indicates data that are not available.