

PLANNING FOR OUR FUTURE

Sustainability Guide Report Card 2019

GOAL	MEASURE	2017	2018	2019	LAST 12 MONTHS	GOAL STATUS
Energy						
Reduce organization-wide greenhouse gas emissions 15% from 2015 baseline by 2020.	mtCO2 equivalent	40,874	44,363	45,145	data verified by October	
Reach energy neutrality by 2020.*	net kWh equivalent	1,900,000	24,400,000	29,900,000	▲23%	a
Identify, track and report energy use organization wide by 2018.	% of portfolio	85%	99%	100%	▲01%	
Water						
Set water budget for each Denver Water facility based on use by 2019.	% of portfolio	0%	12%	100%	▲88%	
Identify, meter, track and report Denver Water use against water budget by 2020.	% of portfolio	0%	32%	80%	▲48%	
Drinking water treatment plants comply with Partnership for Safe Water Phase IV by 2020.	% complete	0%	60%	66%	▲06%	b
Materials						
Reduce municipal solid waste going to landfill 25% from 2016 baseline by 2020.**	tons	255	137	147	▲07%	
Reduce total municipal solid waste (landfill/recycling/compost) per capita 25% from 2016 baseline by 2020.**	lbs/employee	564	351	367	▲05%	
Reduce electronic waste per capita 10% from 2016 baseline by 2020.	lbs/employee	33	16	13	▼19%	
Develop Denver Water Sustainable Procurement Standards by 2020.	% complete	0%	20%	50%	▲30%	

GOAL STATUS

On track

Not Quite

*Only includes electricity and gas, based on an average year.

**Does not currently include remote location facilities or pump stations.

GOAL	MEASURE	2017	2018	2019	LAST 12 MONTHS	GOAL STATUS
Land Use and Ecosystems						
Support the assessment and implementation of an additional 40,000 acres, both National Forest and private lands, by the Colorado State Forest Service, the U.S. Forest Service - Rocky Mountain Region, and the Natural Resources Conservation Service into the From Forests to Faucets Program by 2021.	% complete	10%	25%	60%	▲35%	
Watershed Steering Committee to develop a Watershed Action Plan by 2020.	% complete	10%	20%	40%	▲20%	
Support the Coalition for Upper South Platte in their planning and restoration of Horse Creek to reduce sediment loading into Strontia Springs Reservoir by 50,000 tons per year by 2018.	% complete	20%	75%	100%	▲25%	
People						
All facilities will include programming for smoking cessation and have smoke-free campuses by 2019.	% of facilities	50%	100%		complete	
Zero Lost Work Day incidents by 2020.	# of incidents	4	6	6	▼0%	
Infrastructure and Assets						
All Denver Water operating facilities qualify for Gold status in the Colorado Department of Public Health and Environment's Environmental Leadership Program by 2022.	% complete	50%	70%	70%	▲0%	
Develop a green cleaning policy for all operations by 2018.	% complete	50%	100%		complete	
Incorporate sustainability goals, standards and commitments into Denver Water's Engineering Standards and Capital Project Construction Standards by 2019.	% complete	0%	50%	100%	▲50%	
Develop landscaping standards that include stormwater runoff and water budgets by 2020.	% complete	10%	37%	60%	▲23%	
25% less vehicle accidents than year prior.	# of accidents	74	34	56	▲65%	

Challenges

Reach energy neutrality by 2020.

- a Due to hydropower generation being down for routine and non-routine operations and maintenance at Foothills, Hillcrest, and Williams Fork, Denver Water produced approximately 5,899 MWh less than an average year (average production from 2000-2019). Decreased generation coupled with Marston carrying treatment for most of the load season resulted in 2019 increase of net energy total.

Drinking water treatment plants comply with Partnership for Safe Water Phase IV by 2020.

- b Denver Water will not reach this goal because completing necessary capital upgrades necessary for Safe Water Phase IV are four or five years out. There is investigation into other options besides a capital project.

Watershed Steering Committee to develop a Watershed Action Plan by 2020.

- c Watershed Action Plan completion was extended due to inclusion of Chatfield and Bear Creek watershed into analysis.

Zero Lost Work Day incidents by 2020.

- d Denver Water Safety has a new Safety Maturity Index. This is a combination of cultural indicators, quality assurance indicators and the two previous indicators. Current Score is 3.55 with a goal of 3.75 out of 5.

25% less vehicle accidents than year prior.

- e As Denver Water migrates to the Safety Maturity Index, vehicle accidents make up 1/8th of the overall index score. A driving factor to the increase in maturity will be the continued reduction of vehicle accidents.