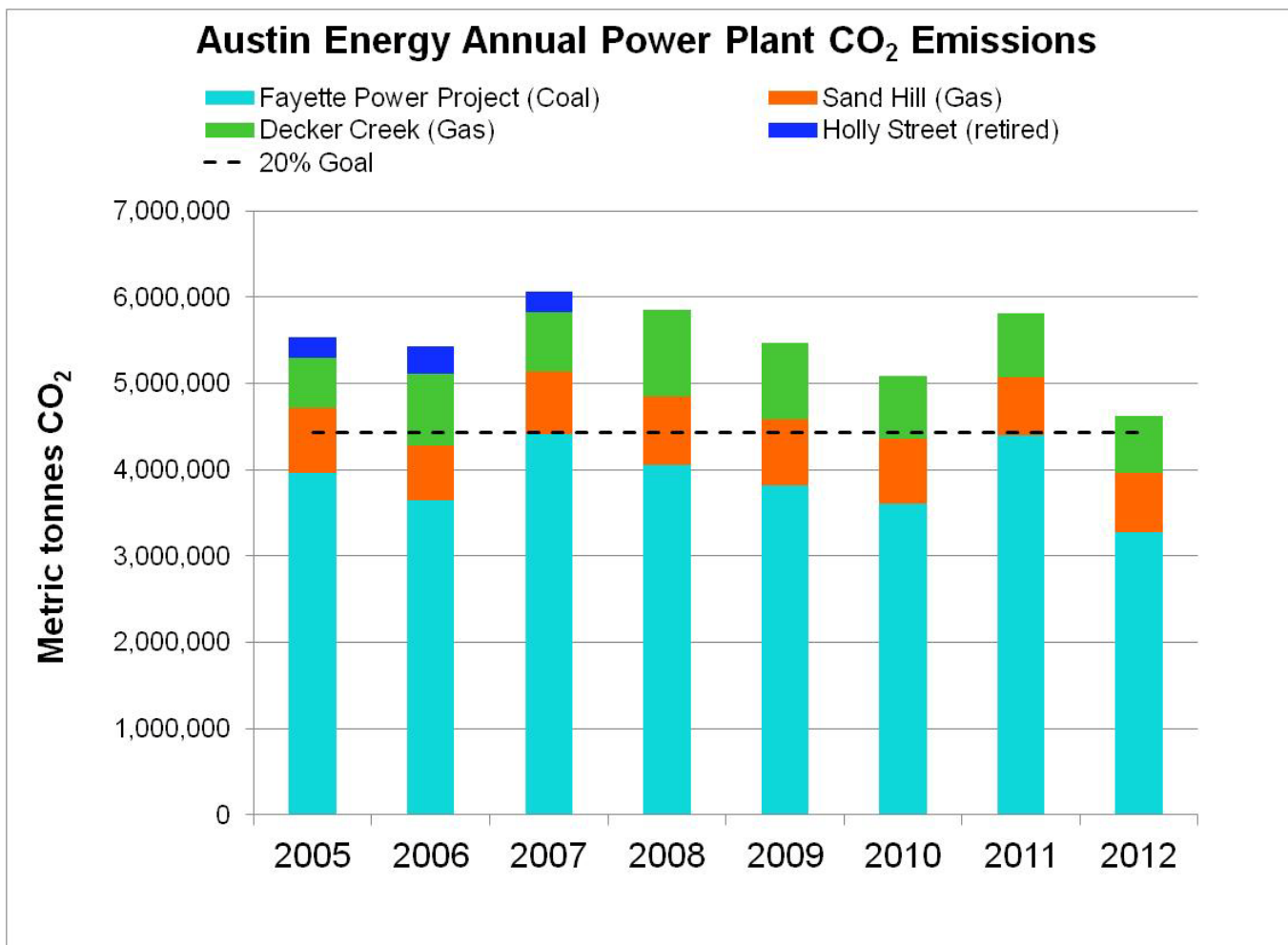




Key Performance Indicators: Total CO₂ Emissions

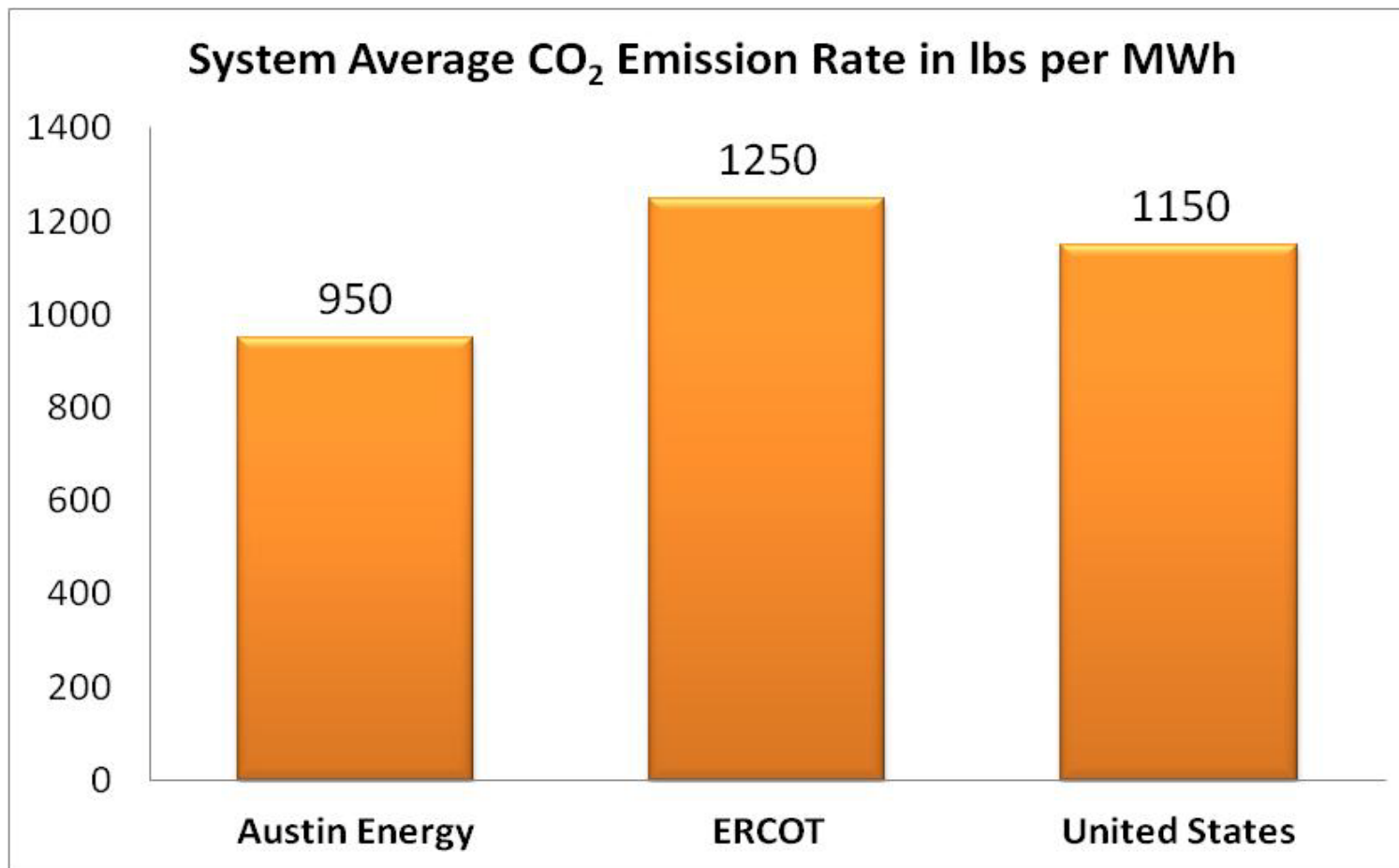
Austin Energy today has almost the same total generating capacity (MW) that emits CO₂ as in 1990, despite Austin's growth – compared to Texas up 42%.





Key Performance Indicators: Average CO₂ per MWh Generation

Austin Energy's system average CO₂ emissions rate has decreased 14% since 2005 due to renewable additions. It will continue to decrease as new wind resources come online.

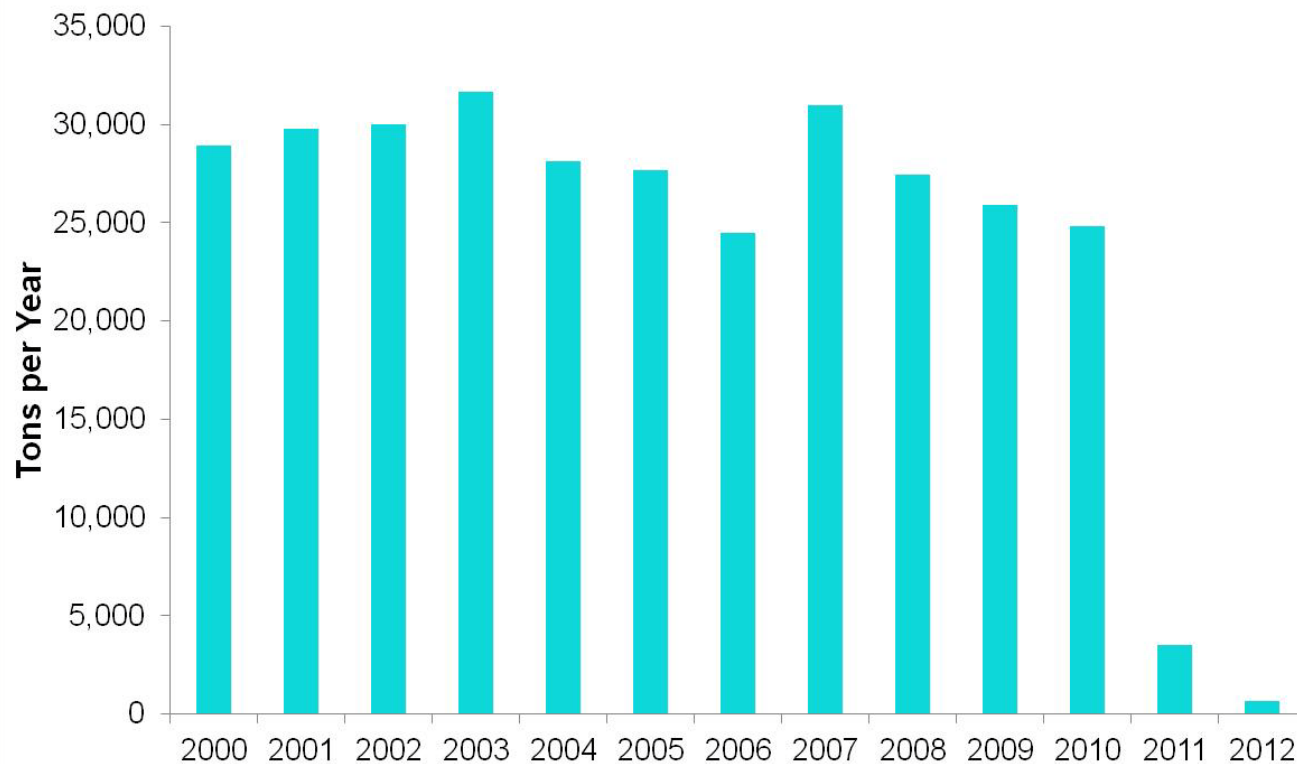




Key Performance Indicators: SO₂ Emissions

Austin Energy SO₂ emissions, almost exclusively from the Fayette Power Project, decreased more than 95% beginning in 2011 when the scrubbers went online. SO₂ also can contribute to acid rain and particulate matter pollution.

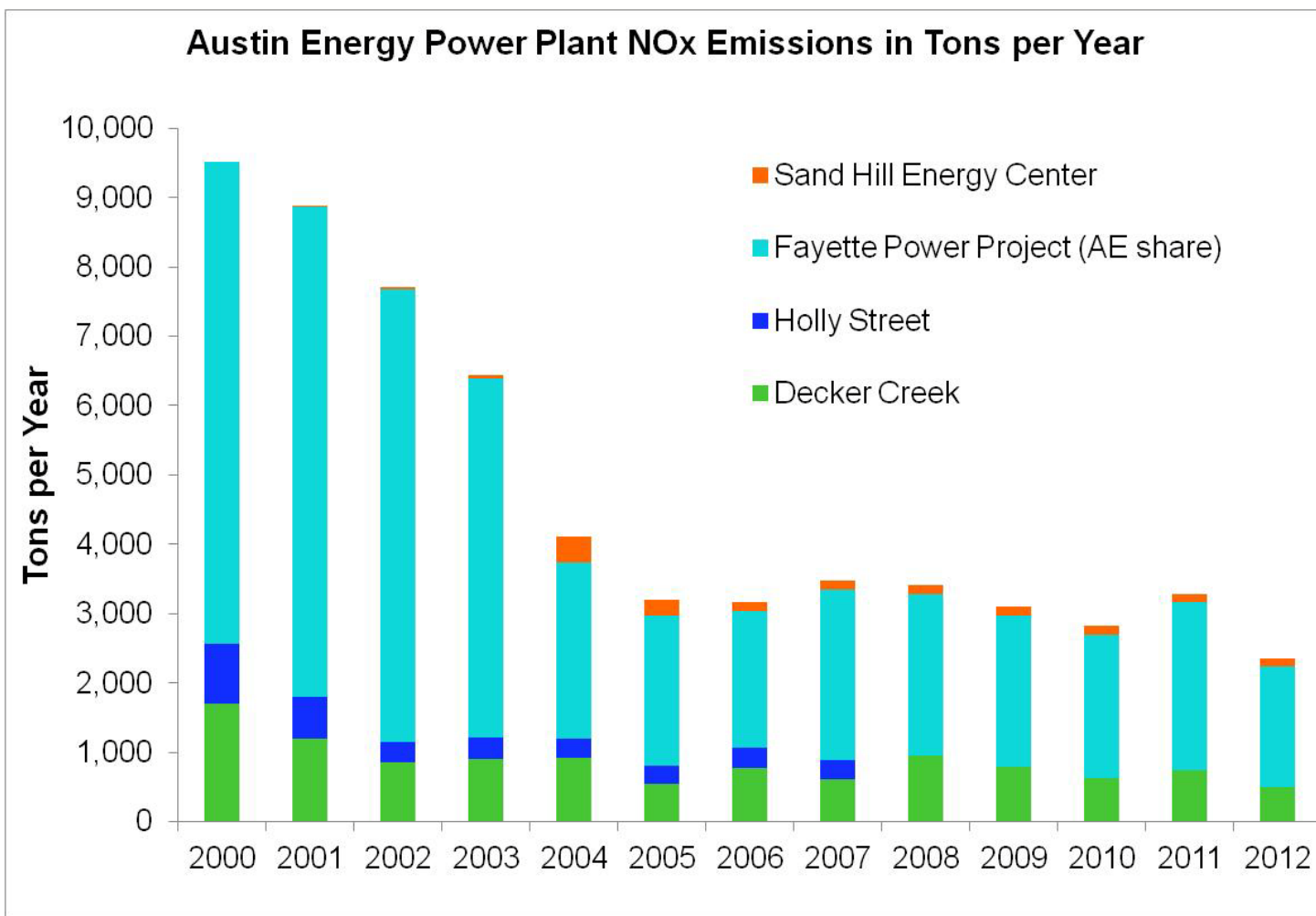
Fayette Power Project Units 1 and 2 SO₂ Emissions in Tons per Year





Key Performance Indicators: NOx Emissions

Austin Energy's power plant NOx emissions decreased 75% between 2000 and 2012, lowering contribution to ozone-forming pollution.





Emissions by Unit

CO2 emissions by unit in metric tonnes per year

Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013
Decker 1	236,913	402,737	272,360	431,130	321,558	258,481	284,459	218,698	111,251
Decker 2	308,434	367,785	349,898	515,441	520,480	437,046	413,055	416,677	217,787
Decker GT1	10,674	14,463	11,869	8,537	9,021	10,126	11,159	4,363	6,289
Decker GT2	9,351	12,707	20,200	15,080	8,276	7,499	13,104	5,177	7,880
Decker GT3	10,217	14,243	18,154	21,937	15,620	4,634	4,982	4,439	9,271
Decker GT4	8,449	18,381	13,936	16,536	9,655	7,198	15,102	5,143	7,137
Holly 3	96,983	150,007	132,229	0	0	0	0	0	0
Holly 4	143,786	159,755	113,840	0	0	0	0	0	0
SHEC 1	44,466	37,391	31,937	25,228	28,622	21,771	28,839	22,517	23,081
SHEC 2	44,449	36,794	22,309	40,589	22,656	31,927	30,068	28,571	33,028
SHEC 3	44,160	35,280	17,011	41,487	23,346	27,653	31,847	27,177	28,222
SHEC 4	43,657	28,900	38,747	33,320	25,438	29,627	28,575	24,952	22,736
SHEC 5	578,793	506,702	611,531	651,557	668,927	616,716	512,471	552,505	435,670
SHEC 6			0	0	0	10,077	19,544	15,729	28,329
SHEC 7			0	0	0	10,894	18,721	16,005	28,990
FPP 1	1,939,771	1,835,907	2,162,490	2,035,501	1,925,037	1,671,170	2,082,192	1,757,843	1,778,049
FPP 2	2,018,123	1,803,285	2,247,933	2,017,993	1,890,264	1,938,278	2,321,753	1,519,239	2,121,782

CO2 emissions by facility in metric tonnes per year

Facility	2005	2006	2007	2008	2009	2010	2011	2012	2013
Decker Creek (Gas)	584,038	830,317	686,418	1,008,662	884,609	724,983	741,860	654,498	359,613
Holly Street (Retired)	240,769	309,762	246,069	0	0	0	0	0	0
Sand Hill (Gas)	755,526	645,066	721,535	792,182	768,988	748,663	670,065	687,455	600,057
Fayette Power Project (Coal)	3,957,894	3,639,192	4,410,423	4,053,494	3,815,301	3,609,448	4,403,946	3,277,082	3,899,831
Total	5,538,227	5,424,337	6,064,444	5,854,338	5,468,898	5,083,094	5,815,871	4,619,035	4,859,502





More Emissions by Unit

Plant Emissions (English tons/year)							
Year	Emission	Decker Creek Power Station	Sand Hill Energy Center	Sub Total:	AE's share of Fayette Power Plant:		Total English Tons
					Unit 1	Unit 2	
CY 2008	SO ₂	11	4	156,626	6,965	13,590	13,606
	NO _x	1,336	136	1,472	1,160	2,295	3,767
	CO ₂	1,124,095	873,229	1,997,324	2,223,914	4,422,127	6,419,451
CY 2009	SO ₂	5	4	96,102	5,943	12,045	12,054
	NO _x	1,016	136	1,152	986	2,027	3,179
	CO ₂	974,673	847,663	1,822,336	2,122,204	4,245,326	6,067,662
CY 2010	SO ₂	11	3	146,078	5,486	11,564	11,578
	NO _x	783	135	918	967	1,918	2,836
	CO ₂	799,135	825,260	1,624,395	1,843,129	3,982,008	5,606,403
CY 2011	SO ₂	7	3	10	321	1,647	1,657
	NO _x	967	107	1,074	1,129	2,265	3,339
	CO ₂	817,759	738,619	1,556,378	2,294,576	4,853,148	6,409,526
CY 2012	SO ₂	12	4	16	173	314	330
	NO _x	597	101	698	944	1,718	2,416
	CO ₂	721,460	757,790	1,479,250	1,937,690	3,612,365	5,091,615



INVESTING IN A CLEAN FUTURE



Austin Energy's Resource, Generation and
Climate Protection Plan to 2020 Update

February 2014