

**2019 PSCO Gas Residential**

Year	Months	Actual HDD	10-yr Normal HDD	HDD Coefficient	Customers	Bill Mo. Sales	WN Bill Mo. Sales	Bill Mo. Sales Impact
2018	Oct	317	236	0.006740	1,297,488	5,207,298	4,496,054	711,244
2018	Nov	599	514	0.008939	1,299,247	9,270,761	8,282,268	988,493
2018	Dec	898	901	0.010553	1,300,826	14,168,783	14,208,397	(39,614)
2019	Jan	1,057	1,151	0.011393	1,302,939	18,546,163	19,945,061	(1,398,898)
2019	Feb	935	857	0.011119	1,305,120	15,609,479	14,487,196	1,122,283
2019	Mar	1,102	835	0.010413	1,306,735	17,026,295	13,394,125	3,632,170
2019	Apr	645	592	0.008943	1,307,994	9,915,395	9,297,080	618,315
2019	May	449	412	0.007767	1,308,856	6,708,765	6,331,009	377,756
2019	Jun	228	125	0.006774	1,309,198	4,297,459	3,383,474	913,985
2019	Jul	32	10	0.000000	1,309,785	2,483,403	2,483,403	0
2019	Aug	0	4	0.000000	1,310,578	2,013,658	2,013,658	0
2019	Sep	6	26	0.000000	1,311,882	1,874,650	1,874,650	0
		6,268	5,664			107,122,109	100,196,375	6,925,734
		10.67%						6.91%
2019	Oct	272	249	0.006810	1,313,432	4,701,488	4,499,380	202,108
2019	Nov	697	481	0.008991	1,315,158	10,460,370	7,901,631	2,558,740

**PSCO Gas Small Commercial**

Year	Months	Actual HDD	10-yr Normal HDD	HDD Coefficient	Customers	Bill Mo. Sales	WN Bill Mo. Sales	Bill Mo. Sales Impact
2018	Oct	317	236	0.019555	100,071	1,711,114	1,551,966	159,148
2018	Nov	599	514	0.032708	100,196	3,036,693	2,757,758	278,935
2018	Dec	898	901	0.041530	100,303	4,759,699	4,771,720	(12,021)
2019	Jan	1,057	1,151	0.045387	100,497	6,157,443	6,587,290	(429,847)
2019	Feb	935	857	0.045511	100,576	5,537,901	5,183,896	354,004
2019	Mar	1,102	835	0.043957	100,621	5,913,580	4,732,888	1,180,692
2019	Apr	645	592	0.036721	100,630	3,555,083	3,359,744	195,340
2019	May	449	412	0.032932	100,427	2,421,765	2,298,878	122,887
2019	Jun	228	125	0.032646	100,363	1,751,301	1,413,604	337,697
2019	Jul	32	10	0.000000	100,280	1,112,736	1,112,736	0
2019	Aug	0	4	0.000000	100,237	861,777	861,777	0
2019	Sep	6	26	0.000000	100,309	836,591	836,591	0
		6,268	5,664			37,655,682	35,468,847	2,186,835
								6.17%
2019	Oct	272	249	0.020338	100,521	1,532,578	1,486,385	46,193
2019	Nov	697	481	0.033372	100,700	3,426,077	2,698,906	727,171

**PSCO Gas Large Commercial**

Year	Months	Actual HDD	10-yr Normal HDD	HDD Coefficient	Customers	Bill Mo. Sales	WN Bill Mo. Sales	Bill Mo. Sales Impact
2018	Oct	317	236	0.281523	734	382,922	366,116	16,806
2018	Nov	599	514	0.567145	733	581,753	546,370	35,383
2018	Dec	898	901	0.714272	733	805,443	806,954	(1,511)
2019	Jan	1,057	1,151	0.770565	731	1,012,787	1,065,870	(53,083)
2019	Feb	935	857	0.840176	735	924,139	876,381	47,759
2019	Mar	1,102	835	0.713495	730	951,547	812,509	139,038
2019	Apr	645	592	0.604902	733	702,013	678,574	23,439
2019	May	449	412	0.445495	853	506,557	492,437	14,120
2019	Jun	228	125	0.000000	847	440,752	440,752	0
2019	Jul	32	10	0.000000	838	289,401	289,401	0
2019	Aug	0	4	0.000000	838	240,272	240,272	0
2019	Sep	6	26	0.000000	839	244,258	244,258	0
		6,268	5,664			7,081,843	6,859,893	221,950
								3.24%
2019	Oct	272	249	0.258471	836	330,509	325,627	4,882
2019	Nov	697	481	0.588999	832	789,766	683,729	106,037

TF Full Small (Billing Month)

Year	Month	Actual HDD	10-yr Normal HDD	HDD Coefficient	Customers	TF Sm Bill Mo. Sales	WN Bill Mo. Sales	Impact
2018	10	317	236	0.000000	6,272	377,716	377,716	-
2018	11	599	514	0.130605	6,286	840,134	770,257	69,877
2018	12	898	901	0.157968	6,309	1,239,657	1,242,533	(2,876)
2019	1	1,057	1,151	0.204236	6,316	1,539,201	1,660,764	(121,563)
2019	2	935	857	0.242761	6,287	1,595,710	1,477,674	118,036
2019	3	1,102	835	0.222494	6,299	1,539,139	1,165,021	374,118
2019	4	645	592	0.227481	6,318	1,386,121	1,310,147	75,974
2019	5	449	412	0.242201	6,314	852,778	795,955	56,823
2019	6	228	125	0.328913	6,300	745,848	532,278	213,570
2019	7	32	10	0.000000	6,338	417,769	417,769	-
2019	8	-	4	0.000000	6,342	359,883	359,883	-
2019	9	6	26	0.000000	6,319	345,895	345,895	-
		6,268	5,664			11,239,851	10,455,891	783,960
								7.50%
2019	10	272	249	0.000000	6,336	371,429	371,429	-
2019	11	697	481	0.131135	6,348	983,882	803,757	180,125

TF Full Large (Billing Month)

Year	Month	Actual HDD	10-yr Normal HDD	HDD Coefficient	Customers	TF Lg Bill Mo. Sales	WN Bill Mo. Sales	Impact
2018	10	317	236	0.000000	1,408	825,296	825,296	-
2018	11	599	514	0.573325	1,413	1,547,882	1,478,930	68,952
2018	12	898	901	0.668202	1,410	2,075,429	2,078,148	(2,719)
2019	1	1,057	1,151	0.866347	1,410	2,419,859	2,534,975	(115,116)
2019	2	935	857	1.022036	1,446	2,533,437	2,419,142	114,295
2019	3	1,102	835	0.922429	1,444	2,442,520	2,086,955	355,565
2019	4	645	592	1.033437	1,441	2,256,465	2,177,744	78,721
2019	5	449	412	0.956255	1,441	1,532,339	1,481,138	51,201
2019	6	228	125	1.422013	1,447	1,428,695	1,216,620	212,075
2019	7	32	10	0.000000	1,452	917,516	917,516	-
2019	8	-	4	0.000000	1,454	792,745	792,745	-
2019	9	6	26	0.000000	1,447	987,633	987,633	-
		6,268	5,664			19,759,816	18,996,842	762,974
								4.02%
2019	10	272	249	0.000000	1,447	642,083	642,083	-
2019	11	697	481	0.590341	1,454	1,736,703	1,550,971	185,732