

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Valores promedio diarios)**



<b>PERMISIONARIO:</b>	<b>Tejas Gas Toluca,S de R.L de C.V</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Palmillas</b>
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	Oxígeno* (% vol)
01/12/2019	94.3097	0.5813	0.7706	1.3519	4.1466	247.7920	15.2532	38.5968	50.4192	0.3096		
02/12/2019	94.4809	0.5888	0.7734	1.3622	3.9674	247.6890	15.3407	38.5414	50.3810	0.1908		
03/12/2019	94.3639	0.5679	0.7706	1.3385	4.1104	247.7784	16.6297	38.5886	50.4238	0.3042		
04/12/2019	94.4077	0.5636	0.8000	1.3636	4.0419	247.9245	16.1538	38.5595	50.3968	0.3174		
05/12/2019	94.4208	0.5740	0.8090	1.3830	4.0087	247.2782	16.1557	38.5430	50.3760	0.4247		
06/12/2019	94.3903	0.5478	0.8321	1.3799	4.0278	247.4698	15.1642	38.5456	50.3847	0.2906		
07/12/2019	94.3144	0.5362	0.8423	1.3785	4.1158	247.1231	14.6383	38.5752	50.4055	0.3666		
08/12/2019	94.2829	0.5323	0.8870	1.4193	4.1003	245.9377	14.3843	38.5485	50.3722	0.3207		
09/12/2019	94.2265	0.5739	0.8430	1.4169	4.1583	247.4309	14.2501	38.5776	50.3803	0.3496		
10/12/2019	94.3278	0.5755	0.8143	1.3898	4.0501	247.8477	14.1608	38.5663	50.3851	0.3576		
11/12/2019	94.3213	0.5442	0.8793	1.4235	4.0472	248.5638	12.6310	38.5527	50.3701	0.3043		
12/12/2019	94.3797	0.5328	0.9170	1.4497	3.9604	247.5341	12.8800	38.5148	50.3387	0.3322		
13/12/2019	94.1878	0.5156	0.9694	1.4850	4.1096	247.4259	12.6635	38.5493	50.3465	0.2489		
14/12/2019	94.1436	0.5026	0.9326	1.4352	4.2171	247.5509	13.0957	38.5920	50.3972	0.3190		
15/12/2019	94.2837	0.5203	0.8984	1.4187	4.1014	246.5306	13.5569	38.5606	50.3826	0.2787		
16/12/2019	94.2558	0.5381	0.8815	1.4196	4.0924	248.0074	13.3430	38.4539	50.3065	0.3189		
17/12/2019	94.1643	0.5008	0.9642	1.4650	4.1535	248.1379	13.1964	38.5728	50.3730	0.3249		
18/12/2019	94.1173	0.4937	1.0053	1.4991	4.1663	247.5608	12.5449	38.5633	50.3537	0.2744		
19/12/2019	94.3693	0.5505	0.9065	1.4570	3.9569	249.8828	12.7019	38.5213	50.3352	0.4490		
20/12/2019	94.4144	0.5622	0.8600	1.4222	3.9471	251.0728	13.2613	38.5276	50.3517	0.1672		
21/12/2019	94.4069	0.5830	0.8760	1.4589	3.9215	249.8848	11.5293	38.5073	50.3186	0.2142		
22/12/2019	94.1989	0.5096	0.9592	1.4688	4.1227	247.9088	10.7877	38.5557	50.3594	0.2411		
23/12/2019	94.3570	0.5085	0.9207	1.4292	4.0153	246.5592	11.2602	38.5337	50.3651	0.2272		
24/12/2019	94.6052	0.5250	0.8942	1.4192	3.7853	244.6401	11.5949	38.4259	50.3006	0.2366		
25/12/2019	94.3678	0.5182	0.9536	1.4718	3.9566	243.5835	11.7629	38.5041	50.3264	0.4340		
26/12/2019	94.2785	0.5331	0.9307	1.4638	4.0536	244.9751	11.9929	38.5316	50.3421	0.2832		
27/12/2019	94.2406	0.6533	0.4613	1.1146	4.4214	246.7414	12.1180	38.8042	50.6269	0.2387		
28/12/2019	94.0758	0.8569	0.3266	1.1835	4.5072	246.7651	11.5148	38.8190	50.5555	0.2271		
29/12/2019	94.1192	0.9398	0.3059	1.2457	4.3964	246.1517	11.8766	38.7769	50.4833	0.2946		
30/12/2019	94.3170	0.8194	0.3677	1.1871	4.2683	247.1840	11.4307	38.7384	50.5168	0.3212		
31/12/2019	94.3868	0.9300	0.3350	1.2650	4.1198	247.4711	10.9246	38.6784	50.4206	0.2333		

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	94.0758	0.4937	0.3266	1.1146	3.7853	243.5835	10.7877	38.4259	50.3006	0.1672		
<b>Promedio</b>	94.3105	0.5568	0.8457	1.4024	4.0808	247.4142	13.3773	38.5619	50.3812	0.2983		
<b>Máximo</b>	94.6052	0.8569	1.0053	1.4991	4.5072	251.0728	16.6297	38.8190	50.6269	0.4490		
<b>Desv. Est.</b>	0.116667805	0.068250096	0.143665811	0.0833509	0.142765394	1.513771291	1.616263054	0.080045428	0.067614899	0.069901849		

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros máximos diarios)**



**PERMISIONARIO:** Tejas Gas Toluca, S de R.l de C.V  
**PUNTO DE MEDICIÓN:** Palmillas  
**ZONA DE MEDICIÓN:** SUR

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulhídrico (mg/m <sup>3</sup> )
01/12/2019	94.4292	0.5967	0.8245	1.4212	4.3126	247.5444	17.7408	38.6506	50.4574	0.8351
02/12/2019	94.6454	0.6012	0.8088	1.4100	4.1326	247.2682	17.2566	38.5958	50.4223	0.6342
03/12/2019	94.4843	0.5918	0.8192	1.4110	4.2606	247.5130	18.9589	38.6297	50.4471	0.6058
04/12/2019	94.4951	0.5815	0.8463	1.4278	4.1364	247.8614	18.6468	38.5883	50.4146	0.7706
05/12/2019	94.6081	0.6034	0.8704	1.4738	4.1347	247.4124	18.4491	38.5813	50.3980	0.9982
06/12/2019	94.4758	0.5603	0.8599	1.4202	4.1707	246.8098	17.8840	38.6100	50.4454	1.0330
07/12/2019	94.4801	0.5644	0.8601	1.4245	4.3390	246.8264	17.0776	38.6584	50.4717	0.9623
08/12/2019	95.0720	0.6576	0.9686	1.6262	4.3818	245.3766	17.2395	38.6614	50.4709	0.9366
09/12/2019	94.4765	0.6117	0.9398	1.5516	4.3894	245.8713	16.3615	38.6256	50.4003	0.8356
10/12/2019	94.5382	0.6405	0.9116	1.5521	4.2062	247.1826	16.1334	38.6334	50.4359	0.8977
11/12/2019	94.4525	0.5941	0.9464	1.5404	4.1893	248.3402	14.1166	38.5865	50.3819	0.9338
12/12/2019	94.4623	0.5703	0.9954	1.5656	4.0150	246.9528	14.9884	38.5615	50.3733	0.9915
13/12/2019	94.2695	0.5588	1.0450	1.6038	4.2005	247.0661	15.0554	38.6092	50.4037	0.5054
14/12/2019	94.3474	0.5183	0.9789	1.4972	4.3339	247.7186	15.3317	38.6353	50.4241	0.7381
15/12/2019	94.4009	0.5394	0.9254	1.4648	4.1989	246.2709	15.7637	38.5951	50.4099	0.6648
16/12/2019	94.5078	0.5730	0.8998	1.4728	4.2608	245.2936	15.7536	38.6263	50.4092	0.7716
17/12/2019	94.3726	0.5347	1.0324	1.5671	4.3530	247.1647	15.4298	38.6427	50.4173	1.3292
18/12/2019	94.2785	0.5210	1.0395	1.5605	4.2928	247.0002	13.6161	38.5954	50.3598	0.5760
19/12/2019	94.5583	0.5815	1.0494	1.6309	4.0951	249.0636	14.6926	38.5492	50.3128	1.5237
20/12/2019	94.5688	0.6268	0.9240	1.5508	4.1396	250.8423	14.3400	38.5775	50.3796	0.3788
21/12/2019	94.5133	0.6034	0.9012	1.5046	4.0179	249.3402	13.4075	38.5500	50.3480	0.5745
22/12/2019	94.3773	0.6474	1.0063	1.6536	4.3467	248.2984	11.9239	38.6368	50.4256	0.6714
23/12/2019	94.5380	0.5538	1.0115	1.5653	4.2496	245.5175	13.1180	38.6062	50.4058	0.5020
24/12/2019	94.6759	0.5457	0.9433	1.4890	3.8591	244.8941	14.1345	38.4930	50.3307	0.6040
25/12/2019	94.5712	0.5777	1.0107	1.5884	4.1882	244.2843	13.9158	38.5693	50.3590	1.2275
26/12/2019	94.4155	0.5559	1.0104	1.5663	4.2032	244.4773	14.3019	38.5869	50.3875	0.9636
27/12/2019	94.3663	0.7104	0.8222	1.5326	4.6512	246.3557	14.4186	38.8868	50.6605	0.8031
28/12/2019	94.3032	0.9663	0.4020	1.3683	4.6762	246.2125	13.5648	38.8790	50.5898	0.6371
29/12/2019	94.2910	0.9767	0.3194	1.2961	4.5792	246.1556	13.9649	38.8302	50.5145	0.6042
30/12/2019	94.5468	0.9109	0.4052	1.3162	4.4607	247.3997	14.1594	38.8078	50.5165	0.9039
31/12/2019	94.5558	1.0290	0.3573	1.3863	4.5034	246.6736	12.9576	38.8093	50.5163	0.5054

<b>Máximo</b>	95.0720	1.0290	1.0494	1.6536	4.6762	250.8423	18.9589	38.8868	50.6605	1.5237
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**Observaciones:**

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros mínimos diarios)**



**PERMISIONARIO:** Tejas Gas Toluca, S de R.l de C.V  
**PUNTO DE MEDICIÓN:** Palmillas  
**ZONA DE MEDICIÓN:** SUR

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulhídrico (mg/m <sup>3</sup> )
01/11/2019	94.1648	0.5701	0.7291	1.2992	4.0178	248.0595	13.8497	38.5448	50.3752	0.0720
02/11/2019	94.3440	0.5725	0.7274	1.2998	3.7895	247.7780	14.2513	38.4825	50.3396	0.0720
03/11/2019	94.1929	0.5377	0.7283	1.2661	4.0102	248.2525	14.8717	38.5664	50.4167	0.0715
04/11/2019	94.3175	0.5520	0.7641	1.3161	3.9661	247.8683	12.5965	38.5276	50.3704	0.0700
05/11/2019	94.2743	0.5484	0.7647	1.3131	3.8174	247.5231	14.0318	38.4896	50.3373	0.0708
06/11/2019	94.1711	0.5128	0.7974	1.3102	3.9319	247.3386	13.3499	38.4050	50.2857	0.0736
07/11/2019	94.0957	0.5004	0.8120	1.3124	3.9101	247.1977	13.1585	38.4989	50.3370	0.0738
08/11/2019	94.0624	0.5008	0.5628	1.0636	3.5224	246.1215	12.3614	38.3793	50.3265	0.0708
09/11/2019	93.9642	0.5139	0.7739	1.2878	3.9406	248.0595	12.3777	38.5444	50.3779	0.0695
10/11/2019	93.8503	0.5376	0.7648	1.3024	3.8404	248.0054	12.5202	38.4564	50.3228	0.0708
11/11/2019	94.1438	0.5189	0.8062	1.3251	3.9578	248.8391	11.2935	38.5008	50.3323	0.0759
12/11/2019	94.3063	0.4685	0.8431	1.3116	3.8889	248.9049	11.0654	38.3924	50.2602	0.0730
13/11/2019	94.0967	0.4796	0.9052	1.3849	3.9930	247.5880	10.9665	38.4382	50.2623	0.0704
14/11/2019	94.0128	0.4786	0.9157	1.3943	4.0205	247.3151	11.2693	38.5317	50.3594	0.0718
15/11/2019	94.2098	0.5010	0.8749	1.3759	3.9765	246.8228	11.7543	38.5161	50.3482	0.0748
16/11/2019	93.9988	0.5046	0.8526	1.3572	3.8282	248.8009	11.7387	38.4497	50.3224	0.0731
17/11/2019	93.9826	0.4622	0.9072	1.3695	3.9473	248.6777	11.8158	38.5217	50.3554	0.0743
18/11/2019	93.9890	0.4699	0.9517	1.4216	4.0080	247.7831	11.5963	38.5153	50.3272	0.0777
19/11/2019	94.1726	0.4832	0.8389	1.3222	3.7972	250.4205	11.7636	38.4926	50.3270	0.0753
20/11/2019	94.2091	0.5117	0.7737	1.2854	3.8075	251.3397	12.4626	38.4285	50.2847	0.0758
21/11/2019	94.2915	0.5617	0.8534	1.4151	3.8277	250.2425	10.2388	38.4725	50.2970	0.0786
22/11/2019	93.9714	0.4519	0.8272	1.2791	3.9392	247.6314	10.2037	38.5034	50.3110	0.0767
23/11/2019	94.0765	0.4409	0.8693	1.3102	3.8610	247.0764	10.3415	38.4904	50.3400	0.0756
24/11/2019	94.4807	0.5060	0.8504	1.3563	3.7194	244.8455	10.1018	38.4028	49.7096	0.0746
25/11/2019	94.1496	0.4649	0.8988	1.3637	3.7713	243.5487	10.3516	38.4527	50.3015	0.0720
26/11/2019	94.1680	0.5028	0.8822	1.3850	3.9038	245.4531	10.3968	38.4229	50.2584	0.0726
27/11/2019	93.9795	0.4828	0.4016	0.8844	4.2294	246.7810	10.3641	38.6644	50.4970	0.0730
28/11/2019	93.9460	0.7168	0.2833	1.0000	4.2405	247.3007	10.3291	38.7202	50.4633	0.0740
29/11/2019	93.9361	0.9020	0.2902	1.1922	4.2347	246.4415	10.3540	38.7288	50.4568	0.0751
30/11/2019	94.0586	0.7354	0.3155	1.0509	4.0780	247.0675	9.6869	38.6815	50.5099	0.0728
	94.0242	0.8167	0.3120	1.1287	3.9145	247.4726	9.4931	38.5928	50.3698	0.0723
<b>Mínimo</b>	93.8503	0.4409	0.2833	0.8844	3.5224	243.5487	9.4931	38.3793	49.7096	0.0695

**Observaciones:**