

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



(Valores promedio diarios)

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

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)
01/11/2016	93.2138	0.6550	1.9234	2.5784	3.7977	252.1115	42.4481	38.1965	46.9983	1.4444		
02/11/2016	94.5622	0.8161	0.7671	1.5831	3.5443	250.8147	24.2466	38.4287	47.5130	0.5479		
03/11/2016	95.2594	0.8628	0.2804	1.1433	3.3408	251.1075	15.8084	38.4980	47.7300	0.3385		
04/11/2016	95.1933	0.8793	0.2764	1.1556	3.4019	253.1310	19.7757	38.5056	47.7251	0.2849		
05/11/2016	94.6421	0.8023	0.7737	1.5760	3.4703	252.2250	25.5466	38.4105	47.5093	0.2735		
06/11/2016	94.9107	0.8338	0.4636	1.2974	3.4761	249.9165	24.3843	38.5207	47.6820	0.4303		
07/11/2016	93.8758	0.6896	1.4862	2.1759	3.6502	249.6340	25.3683	38.2250	47.1768	0.5533		
08/11/2016	94.9477	0.7574	0.8175	1.5749	3.2143	249.7065	27.9133	38.3045	47.4621	0.2702		
09/11/2016	95.5157	0.8204	0.3025	1.1229	3.1055	250.8812	19.4321	38.4405	47.7172	0.4270		
10/11/2016	94.5903	0.7044	1.1447	1.8491	3.2839	251.2076	38.9858	38.2320	47.3166	0.5281		
11/11/2016	93.3890	0.5251	2.6204	3.1455	3.1873	250.9173	46.9110	37.7157	46.5218	1.7699		
12/11/2016	94.2756	0.5880	1.8692	2.4572	2.9988	250.1145	44.2596	37.9171	46.9099	1.7975		
13/11/2016	94.9500	0.7747	0.8466	1.6213	3.1463	247.4743	32.7686	38.2822	47.4260	0.7328		
14/11/2016	93.3721	0.5740	2.5237	3.0976	3.2594	249.3113	40.4708	37.7469	46.5487	1.8724		
15/11/2016	95.3849	0.8220	0.4173	1.2394	3.1284	249.9072	16.1238	38.3964	47.6424	0.4870		
16/11/2016	94.2793	0.6633	1.4486	2.1119	3.3451	252.9540	37.2954	38.1389	47.1626	0.8080		
17/11/2016	94.3832	0.6502	1.3648	2.0150	3.3419	253.8495	37.9499	38.1738	47.2259	1.1110		
18/11/2016	95.3965	0.8148	0.4542	1.2690	3.0761	255.6647	17.8682	38.3781	47.6213	0.2988		
19/11/2016	94.8144	0.7019	1.0789	1.7808	3.1550	253.9717	23.6929	38.2033	47.3308	0.6398		
20/11/2016	95.3291	0.7960	0.5878	1.3838	3.0248	249.4159	20.7453	38.3251	47.5470	0.4382		
21/11/2016	95.4675	0.8381	0.3677	1.2058	3.0863	245.7312	29.9612	38.3924	47.6513	0.6538		
22/11/2016	94.9741	0.7700	0.9100	1.6800	3.0923	245.8356	20.7453	38.2231	47.3696	0.4382		
23/11/2016	95.4259	0.8234	0.3935	1.2169	3.1232	245.5298	14.4668	38.3920	47.6496	0.3448		
24/11/2016	95.6621	0.7823	0.3342	1.1164	2.9814	246.5092	12.4017	38.3954	47.7042	0.3128		
25/11/2016	95.6820	0.7887	0.3358	1.1246	2.9576	249.5628	13.3432	38.3842	47.6932	0.3848		
26/11/2016	95.0461	0.7406	0.8718	1.6123	3.0949	250.4812	16.7028	38.2468	47.4183	0.2691		
27/11/2016	95.4969	0.8180	0.3572	1.1752	3.0550	247.3864	36.7431	38.4194	47.6835	0.2307		
28/11/2016	95.5194	0.8160	0.3231	1.1391	3.0764	247.3938	36.8785	38.4332	47.7072	0.2030		
29/11/2016	94.9808	0.7040	1.0858	1.7898	2.9918	248.9077	33.1434	38.1437	47.2938	0.3000		
30/11/2016	95.3595	0.8044	0.5040	1.3084	3.0798	248.0388	20.8127	38.3600	47.5968	0.2483		

\*/ 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>	93.2138	0.5251	0.2764	1.1164	2.9576	245.5298	12.4017	37.7157	46.5218	0.2030		
<b>Promedio</b>	94.8633	0.7539	0.8977	1.6515	3.2162	249.9897	27.2398	38.2810	47.4178	0.6146		
<b>Máximo</b>	95.6820	0.8793	2.6204	3.1455	3.7977	255.6647	46.9110	38.5207	47.7300	1.8724		
<b>Desv. Est.</b>	0.690717584	0.089595753	0.654578164	0.569346098	0.210104228	2.558594284	10.17299197	0.199341142	0.327977417	0.486842591		

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 Sulfhídrico (mg/m <sup>3</sup> )
01/11/2016	94.9455	0.8390	0.5778	1.4169	4.0674	252.9261	53.5085	38.4486	47.3231	3.3184
02/11/2016	95.2931	0.9139	0.2623	1.1762	3.9560	253.5021	48.2546	38.5585	47.4635	1.0380
03/11/2016	95.4255	0.8980	0.2571	1.1551	3.5224	251.5244	17.9671	38.5533	47.9782	1.0871
04/11/2016	95.4603	0.9178	0.2596	1.1774	3.5674	251.2158	31.8969	38.5425	47.9487	0.7381
05/11/2016	95.2884	0.8907	0.2600	1.1507	3.8193	251.6449	36.5662	38.5645	47.6289	0.6697
06/11/2016	95.4094	0.8931	0.2630	1.1561	3.8121	250.8804	32.6467	38.6278	47.7791	2.0082
07/11/2016	95.1292	0.8940	0.2527	1.1466	4.0192	251.2221	36.8067	38.5943	47.6665	1.4766
08/11/2016	95.6166	0.8567	0.3019	1.1586	3.9130	250.5732	55.6633	38.4639	47.5603	0.7295
09/11/2016	95.6064	0.8540	0.3169	1.1709	3.2115	250.9673	24.0836	38.4632	47.9176	1.7145
10/11/2016	95.6232	0.8264	2.3861	3.2125	3.9722	250.2403	53.6310	38.4576	47.5105	1.2009
11/11/2016	93.7637	0.5455	2.8325	3.3780	3.2539	250.6932	51.6967	37.8029	46.7960	2.6014
12/11/2016	95.6291	0.7193	2.7280	3.4473	3.2863	249.8741	47.1776	38.1420	47.2175	2.4617
13/11/2016	95.5980	0.8809	1.8936	2.7745	3.2761	248.2582	49.4477	38.4725	47.7347	1.4198
14/11/2016	94.4678	0.7151	3.3213	4.0364	3.4001	249.5900	43.2940	38.1319	47.1148	2.7397
15/11/2016	95.6547	0.8872	1.9806	2.8677	3.3217	249.6473	37.3326	38.4777	47.7098	1.4756
16/11/2016	95.6336	0.8432	2.1944	3.0376	4.2638	252.3971	45.7013	38.4147	47.4696	1.3542
17/11/2016	95.4905	0.8550	2.0015	2.8565	3.7018	253.0424	47.8785	38.4255	47.6231	1.8732
18/11/2016	95.6363	0.8585	1.0195	1.8780	3.2599	256.0617	31.1530	38.4654	47.8652	1.0973
19/11/2016	95.6535	0.8225	2.2183	3.0407	3.5729	254.3671	41.7283	38.4102	47.6398	4.4586
20/11/2016	95.7343	0.8850	2.0186	2.9036	3.2458	248.5673	39.3443	38.4501	47.7105	5.1418
21/11/2016	95.6731	0.8660	0.8020	1.6680	3.1753	247.1246	36.9604	38.4378	47.8575	5.8250
22/11/2016	95.4666	0.8357	1.5197	2.3554	3.1641	247.1251	31.1149	38.4125	47.7379	1.0204
23/11/2016	95.5959	0.8750	0.6904	1.5654	3.2146	246.7804	19.1265	38.4367	47.8847	0.7501
24/11/2016	95.8189	0.8122	0.3492	1.1614	3.2041	247.0617	14.9978	38.4613	47.9420	1.1972
25/11/2016	95.9631	0.8573	0.3611	1.2184	3.1540	246.8983	14.8401	38.4222	47.8787	1.7044
26/11/2016	95.9340	0.8146	1.9910	2.8055	3.6032	249.8734	32.4395	38.3912	47.5700	0.5362
27/11/2016	95.6775	0.8448	1.0748	1.9195	3.3622	246.6303	41.1528	38.5183	47.8739	0.9636
28/11/2016	95.6322	0.8391	0.5433	1.3823	3.2035	246.8274	40.8811	38.4836	47.9446	1.1265
29/11/2016	95.7343	0.8276	2.1337	2.9613	3.2262	248.6763	38.9943	38.4512	47.7066	1.4560
30/11/2016	95.6331	0.8897	1.1838	2.0734	3.2045	249.0638	36.0256	38.5362	47.9511	0.8674

<b>Máximo</b>	95.9631	0.9178	3.3213	4.0364	4.2638	256.0617	55.6633	38.6278	47.9782	5.8250
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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 Sulfhídrico (mg/m <sup>3</sup> )
01/11/2016	92.0989	0.5168	0.5778	1.0946	3.3781	249.9281	26.5465	37.8864	47.1236	0.2843
02/11/2016	92.3073	0.5636	0.2623	0.8259	3.2655	250.5823	15.7869	38.1237	47.4838	0.1189
03/11/2016	95.0921	0.8422	0.2571	1.0993	3.2007	250.9622	14.0736	38.4579	47.9230	0.0889
04/11/2016	95.0322	0.8559	0.2596	1.1155	3.1136	253.5838	15.4678	38.4378	47.8987	0.1131
05/11/2016	93.1415	0.6432	0.2600	0.9032	3.2278	252.1558	17.8091	38.1871	47.5563	0.0876
06/11/2016	93.3815	0.6635	0.2630	0.9265	3.1873	249.6294	20.7896	38.2191	47.6109	0.1061
07/11/2016	92.7494	0.5362	0.2527	0.7889	3.3221	248.8109	18.4123	37.8387	47.0895	0.1331
08/11/2016	92.9703	0.5393	0.3019	0.8412	3.0008	250.5616	17.0391	37.8480	47.2108	0.0820
09/11/2016	95.3679	0.7898	0.2663	1.0561	3.0247	250.7030	16.8373	38.4173	47.9174	0.1911
10/11/2016	92.8774	0.5550	0.2678	0.8228	3.0472	251.4828	19.6804	37.7828	47.1292	0.1151
11/11/2016	93.1590	0.5101	2.3044	2.8145	3.0913	251.3023	44.4442	37.6423	46.6959	0.9637
12/11/2016	93.1833	0.5234	1.0413	1.5647	2.5017	249.8236	41.2979	37.6964	47.0877	1.3974
13/11/2016	93.9389	0.6189	0.2824	0.9013	2.9973	247.6257	17.8935	37.9643	47.3470	0.2809
14/11/2016	92.5784	0.4707	1.3398	1.8105	2.9850	248.6513	31.9833	37.5041	46.5971	0.4616
15/11/2016	93.7862	0.6514	0.2925	0.9439	2.9782	251.2671	12.8331	37.9345	47.3278	0.2229
16/11/2016	92.8995	0.5542	0.2907	0.8449	3.0001	253.3453	15.1927	37.8208	47.1820	0.1071
17/11/2016	93.6395	0.5548	0.3084	0.8632	2.9667	254.5721	19.7275	37.8916	47.2385	0.3368
18/11/2016	94.8849	0.7254	0.3073	1.0327	2.9698	255.5515	12.2509	38.1837	47.6327	0.0756
19/11/2016	93.7458	0.5651	0.3103	0.8754	2.9360	253.7508	16.8430	37.8279	47.1971	0.1986
20/11/2016	93.9181	0.5783	0.2924	0.8708	2.8890	252.0332	15.7208	37.8808	47.2654	0.1613
21/11/2016	95.0565	0.7761	0.2947	1.0707	2.9110	245.2652	14.5986	38.2649	47.7281	0.1240
22/11/2016	94.4862	0.7070	0.3301	1.0370	2.9969	244.4325	12.3036	37.9941	47.3667	0.1003
23/11/2016	95.2000	0.7670	0.3003	1.0673	3.0306	244.9676	12.0703	38.3018	47.7858	0.0873
24/11/2016	95.4069	0.7413	0.3199	1.0612	2.8629	246.2584	10.8506	38.3622	47.9138	0.0759
25/11/2016	95.4107	0.7377	0.3198	1.0574	2.7220	250.0919	11.8526	38.3234	47.8876	0.0930
26/11/2016	93.6466	0.6418	0.3214	0.9633	2.7510	250.7559	13.8764	37.8916	47.3435	0.1060
27/11/2016	94.5734	0.7349	0.3067	1.0416	2.9688	248.8653	27.1965	38.2541	47.7319	0.0741
28/11/2016	95.2664	0.7840	0.2818	1.0658	2.9893	247.6327	32.3166	38.3749	47.8695	0.0746
29/11/2016	93.8653	0.6139	0.2806	0.8945	2.6584	249.1283	24.5080	37.8108	47.2255	0.0733
30/11/2016	94.8248	0.6496	0.2890	0.9386	2.8023	247.4679	18.7595	38.1282	47.5733	0.0540

<b>Mínimo</b>	92.0989	0.4707	0.2527	0.7889	2.5017	244.4325	10.8506	37.5041	46.5971	0.0540
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**Observaciones:**