

## GAS NATURAL - FACTORES DE CONVERSION DE UNIDADES (\*)

A: (multiplicar por)	GNL		GAS			ENERGÍA (**)		
	t (tonelada métrica)	m <sup>3</sup>	bcm	m <sup>3</sup> (n) (0°C)	sft <sup>3</sup> (60 °F)	MWh	Mbtu	tep
t (GNL)	<b>1</b>	2,320	1,3459 × 10 <sup>-6</sup>	1345,92	50,238 × 10 <sup>3</sup>	15,747	53,7320	1,3540
m <sup>3</sup> (GNL)	0,4310	<b>1</b>	0,5801 × 10 <sup>-6</sup>	580,14	21,655 × 10 <sup>3</sup>	6,788	23,1604	0,5836
bcm	742,9835 × 10 <sup>3</sup>	1,7237 × 10 <sup>6</sup>	<b>1</b>	1 × 10 <sup>9</sup>	37,326 × 10 <sup>9</sup>	11,700 × 10 <sup>6</sup>	39,922 × 10 <sup>6</sup>	1,006 × 10 <sup>6</sup>
m <sup>3</sup> (n)	0,7430 × 10 <sup>-3</sup>	1,7237 × 10 <sup>-3</sup>	1 × 10 <sup>-9</sup>	<b>1</b>	37,326	0,01170	0,0399	1,006 × 10 <sup>-3</sup>
sft <sup>3</sup>	0,0199 × 10 <sup>-3</sup>	0,0461 × 10 <sup>-3</sup>	0,027 × 10 <sup>-9</sup>	0,0268	<b>1</b>	0,3134 × 10 <sup>-3</sup>	1,0695 × 10 <sup>-3</sup>	26,952 × 10 <sup>-6</sup>
MWh	0,0635	0,1473	85,470 × 10 <sup>-9</sup>	85,470	3.190,27	<b>1</b>	3,4121	0,0860
Mbtu	0,0186	0,0432	25,049 × 10 <sup>-9</sup>	25,049	934,976	0,2931	<b>1</b>	0,0252
tep	0,7385	1,7134	0,9940 × 10 <sup>-6</sup>	994,017	37,103 × 10 <sup>3</sup>	11,6300	39,6832	<b>1</b>

(\*) Los valores de la tabla son aproximados, ya que dependen de la composición del gas natural.

(\*\*) Valores referidos al PCS. Valor adoptado para el gas natural 11,70 kWh/m<sup>3</sup>(n).

## UNIDADES ENERGÉTICAS

A: (multiplicar por)	TJ	GWh	Gcal	tep	tec	Mbtu
DE: TJ	<b>1</b>	0,2778	238,8459	23,8846	34,1208	947,8171
GWh	3,6	<b>1</b>	859,8452	85,9845	122,835	3412,1416
Gcal	4,1868 × 10 <sup>3</sup>	1,1630 × 10 <sup>3</sup>	<b>1</b>	0,1	0,1429	3,9683
tep	4,1868 × 10 <sup>-2</sup>	1,1630 × 10 <sup>-2</sup>	10 (*)	<b>1</b>	1,4286	39,6832
tec	2,9308 × 10 <sup>-2</sup>	8,1410 × 10 <sup>-3</sup>	7 (*)	0,7	<b>1</b>	27,7782
Mbtu	1,0551 × 10 <sup>-3</sup>	2,9307 × 10 <sup>-4</sup>	0,252	0,0252	0,036	<b>1</b>

(\*) Valores adoptados por convenio