

# Tolls Calculation Guide for LNG Vessels

LNG toll structure is composed of:

**Tariff for cubic meter (m<sup>3</sup>) capacity**



**Total Toll**



**Example #1: Laden LNG vessel – cubic meters (m<sup>3</sup>) = Capacity 174,000 m<sup>3</sup> \* laden tariff**

$$60,000 \text{ m}^3 \times \$3.12 = \$187,200.00$$

$$30,000 \text{ m}^3 \times \$2.68 = \$80,400.00$$

$$30,000 \text{ m}^3 \times \$2.58 = \$77,400.00$$

$$54,000 \text{ m}^3 \times \$2.44 = \$131,760.00$$

**\$476,760.00**

Multiplying by \$3.12 the first 60K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.68 the next 30K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.58 the next 30K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.44 the rest cubic meter (m<sup>3</sup>) capacity, results in **Total tolls in m<sup>3</sup>**



**\$476,760.00**

The unit of measurement to be used for toll collection of this new type of ship is the cubic meter (m<sup>3</sup>) of cargo capacity. This unit is used in the maritime industry to measure this type of ship, as well as in the trading of LNG, which facilitates the understanding of the Canal tariff system by this group.

**Example #2: Ballast LNG Vessel – cubic meters (m<sup>3</sup>) = Capacity 174,000 m<sup>3</sup> \* ballast tariff**

$$60,000 \text{ m}^3 \times \$2.79 = \$167,400.00$$

$$30,000 \text{ m}^3 \times \$2.35 = \$70,500.00$$

$$30,000 \text{ m}^3 \times \$2.26 = \$67,800.00$$

$$54,000 \text{ m}^3 \times \$2.15 = \$116,100.00$$

**\$421,800.00**

Multiplying by \$2.79 the first 60K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.35 the next 30K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.26 the next 30K cubic meter (m<sup>3</sup>) capacity + multiplying by \$2.15 the rest cubic meter (m<sup>3</sup>) capacity, results in **Total tolls in m<sup>3</sup>**



**\$421,800.00**

The ballast rate will be applied to the LNG gas carriers transporting up to a maximum of ten (10) percent of the total cubic meters (m<sup>3</sup>) of cargo carrying capacity.

For further details about toll structure please refer to:

- [The Panama Canal Tolls Structure](http://www.pan canal.com/peajes/pdf/tolls-proposal-2015.pdf) Source: <http://www.pan canal.com/peajes/pdf/tolls-proposal-2015.pdf>
- [Tolls tables](http://www.pan canal.com/peajes/ApprovedTollsTables-v2.pdf) Source: <http://www.pan canal.com/peajes/ApprovedTollsTables-v2.pdf>
- [Toll Calculator](https://peajes.panama-canal.com/ppal.aspx) Source: <https://peajes.panama-canal.com/ppal.aspx>



CANAL DE PANAMÁ