

Tolls Calculation Guide for LPG Vessels

LPG toll structure is composed of:

Tariff for cubic meters (m³) capacity



Total Toll



Example #1: Laden LPG vessel – cubic meters (m³) = Capacity 84,000 m³ * laden tariff

$$5,000 \text{ m}^3 \times \$9.49 = \$47,450.00$$

$$20,000 \text{ m}^3 \times \$3.52 = \$70,400.00$$

$$30,000 \text{ m}^3 \times \$3.31 = \$99,300.00$$

$$29,000 \text{ m}^3 \times \$2.54 = \$73,660.00$$

\$290,810.00

*Multiplying by \$9.49 the first 5K cubic meter (m³) capacity + multiplying by \$3.52 the next 20K cubic meter (m³) capacity + multiplying by \$3.31 the next 30K cubic meter (m³) capacity + multiplying by \$2.54 the rest cubic meter (m³) capacity, results in **Total tolls in m³***



\$290,810.00

The unit of measurement for toll calculation of this type of ship is the cubic meter (m³) of cargo capacity. This unit is used in the trade and transportation of liquefied gases in bulk such as propane, butane and ethylene.

Example #2: Ballast LPG vessel – cubic meters (m³) = Capacity 84,000 m³ * ballast tariff

$$5,000 \text{ m}^3 \times \$7.59 = \$37,950.00$$

$$20,000 \text{ m}^3 \times \$2.81 = \$56,200.00$$

$$30,000 \text{ m}^3 \times \$2.65 = \$79,500.00$$

$$29,000 \text{ m}^3 \times \$2.04 = \$59,160.00$$

\$232,810.00

*Multiplying by \$7.59 the first 5K cubic meter (m³) capacity + multiplying by \$2.81 the next 20K cubic meter (m³) capacity + multiplying by \$2.65 the next 30K cubic meter (m³) capacity + multiplying by \$2.04 the rest cubic meter (m³) capacity, results in **Total tolls in m³***



\$232,810.00

The ballast rate will apply to LPG gas tankers carrying up to a maximum of two (2) percent of the total cubic meters (m³) of cargo 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>



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