

Retainage Audit of PGPCL LNG Terminal at
Port Muhammad Bin Qasim

Retainage Audit Report

for period 01/01/2023 00:00 – 31/12/2023 24:00

For

Pakistan LNG Limited (PLL)

PGP Consortium Limited (PGPCL)

17. Conclusion

Based on the above the below are the main conclusion that can be drawn for the report

Retainage

Allowed retainage 1 026 682 .95 MMBTU

Actual retainage 718 825.41 MMBTU

Where the actual retainage is calculated as summation of FSRU self-consumption and onshore self-consumption

The actual retainage represents 0.562% of Total Energy delivered (LNG delivered via STS and change in inventory)

Mass Balance

Overall difference mass balance: **-219 682.70 MMBTU**

The negative number implies that the energy send out is higher than the energy received through STS and change in inventory.

Note that the overall difference might be explained by uncertainty of the different instruments used (gauging instruments on the LNGC, FSRU gauging instruments, sampling and analysis equipment, send out metering system at CTS.)

Following feedback from the SGS metering department, they confirmed that even in case of a good calibrated metering system, the uncertainty can still be around 0.5 – 1.0 %, the same applies for the sampling and analysis of the LNG received where uncertainty can be more than 0.3% (according publication in GIIGNL Custody Transfer Handbook 2017¹²)

¹² https://giignl.org/system/files/giignl_cthb_5.0.web_.pdf