

**JAMSHORO POWER COMPANY LIMITED**

(GOP OWNED CORPORATE ENTITY)

Chief Executive Officer

No: CEO/IPCL/TD/REO/Camp at GHCL/7257-59 Dated 12-09-2018

Registrar, NEPRA,

NEPRA Tower, Attaturk Avenue (East),

Sector G-5/1, Islamabad

Phone No: 051-9206500 & Fax No: 051-2600026.

Subject. MODIFICATION IN GENERATION LICENCE (GL / 01 / 2002) ON ACCOUNT OF ADDITION OF RLNG AS SECONDARY / ALTERNATIVE FUEL.

Reference: NEPRA Letter No: NEPRA/R/LAG-02/ 12127 Dated 26.07.2018 (Annexure-A)

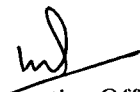
This is with reference to letter referred above vide which NEPRA has directed JPCL to file a separate Licensee Proposed Modification (LPM) on account of addition of Re-gasified Liquefied Natural Gas (RLNG) as a secondary / alternative fuel as per NEPRA Licensing (Application & Modification Procedure) Regulations, 1999 (the "Regulations").

In the light of above, we submit the application regarding Licensee Proposed Modification (LPM) along with following documents:

1. Demand Draft ABC No. BBB 13268667 amounting Rs. amounting Rs.794, 240/= (Seven Lacs Ninety Four Thousands & Two Hundred & Forty Rupees) in the Name of NEPRA on account of Licensee Proposed Modification fee.
2. Text of Proposed Modification.
3. Statement of the Reasons in support of the Modification.
4. Statement showing the impact on tariff, quality of service and the performances by JPCL of its obligation under the License.
5. Board Resolution will be provided after getting resolution from Board.
6. Affidavit.

It is submitted that the Licensee Proposed Modification (Annexure-B) in the Generation License of JPCL may please be approved as per Regulation 10 (2) of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999.

Document Attached / As above


Chief Executive Officer
JPCL (GENCO-I)

Distribution:

1. Chief Executive Officer (GHCL), OPF Building, Sector G-5/2, Islamabad.
2. Chief Engineer / Technical Director, JPCL, Jamshoro.

TEXT OF LICENSEE PROPOSED MODIFICATION:

The Jamshoro Power Company Limited has desired modification in its Generation License No.GL/01/2002 issued on dated 01.07.2002 which was last modified (Modification-II) in 11.08.2014, regarding addition of Re-Gasified Liquefied Natural Gas (RLNG) as Secondary / Alternative Fuel in **Schedule-I** under main title "**Detail of Generation Facility of Plant-I / TPS Jamshoro**" and Part B (ii) under Sub-title "**Fuel Details**" as under:

(ii).	Secondary Alternative Fuel /	Unit-1	Unit-2	Unit-3	Unit-4
		Furnace Oil	Indigenous Natural Gas / Re-Gasified Liquefied Natural Gas (RLNG)		

Similarly same modification is required regarding addition of Re-Gasified Liquefied Natural Gas (RLNG) as Secondary / Alternative Fuel in **Schedule-I** under main title "**Detail of Generation Facility of Plant-II / GTPS Kotri**" and Part B (ii) under Sub-title "**Fuel Details**" as under:

(ii).	Secondary Alternative Fuel /	Unit-3	Unit-4	Unit-5	Unit-6	Unit-7
		Re-Gasified Liquefied Natural Gas (RLNG) / HSD				

STATEMENT OF THE REASONS IN SUPPORT OF THE MODIFICATION:

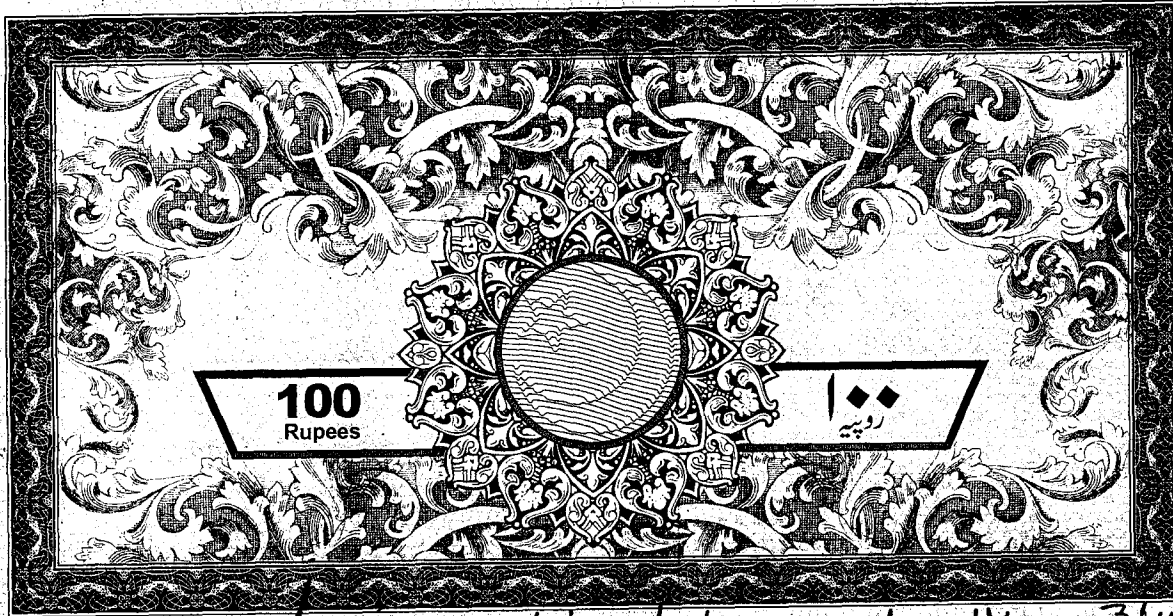
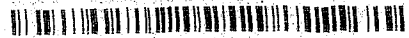
1. Due to non-availability of Indigenous Natural Gas now-a-days as informed by SSGC. The Ministry of Energy (Power Division), being awareness of the electric power demand has decided to make arrangement of RLNG through Ministry of Energy Petroleum Division GOP for GENCOs Plants including JPCL's Plants too: so that RLNG could be utilized as a cheaper fuel for operation. It is further added that National Power Control Center Islamabad (NPCC) being System Operator is also discouraging operation on Furnace Oil keeping in view of their Economic Merit Order (EMO).
2. The same existing infrastructure of Indigenous Natural Gas will be used for RLNG for operation of TPS Jamshoro Units (ST-2 to ST-4) and GTPS Kotri Units (GT-3 to GT-6) *as both Indigenous Natural Gas & RLNG are predominant methane gas having same specifications as informed by SSGC.*
3. The gross heating value will be 950-1050 Btu / Cft and supply pressure at the delivery point will be 50 PSIG or 4 Kg/cm² i.e. same like Indigenous Natural Gas.
4. There will be no impact on operational parameters including net capacity, auxiliary consumption & net thermal efficiency on account of utilization of RLNG; because of same specifications like Indigenous Natural Gas.
5. There will be no impact on annual availability along with outages, annual plant capacity factor and frequent start/stops etc. on account of utilization of RLNG; because of same specifications like Indigenous Natural Gas.

Zeehat
DM ITR
TPS Jamshoro

**IMPACT ON TARIFF, QUALITY OF SERVICE AND
THE PERFORMANCE BY THE LICENSEE OF ITS
OBLIGATIONS UNDER THE LICENSE.**

There will be no impact on reference tariff, quality of service and the performance by JPCL of its obligation under the License. All other terms and conditions of the existing tariff will remain unchanged.

Jeelha
DMITR
TPS Jambore

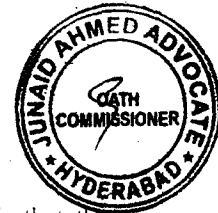


[Signature]
AITBARA BALOCH
G.S.V. JAMSHORO PHATAK

Through Chief Executive Officer Genco-I, Ghulam Qadir Memon,
in the name of National Electric Power Regulatory Authority NEPRA

3402
27/08/2018

BEFORE NATIONAL ELECTRIC POWER REGULATORY
AUTHORITY
AFFIDIVIT



I Ghulam Qadir Memon Chief Executive Officer Jamshoro power Company Limited certify that the document in support of Modification in Generation License attached with this application are prepared and submitted in conformity with the provisions of National Electric Power Regulatory Authority Licensing (Application & Modification Procedure) Regulations, 1999. I undertake to abide by the terms and provisions of the said regulations. I further undertake and confirm that the information provided in the attached documents in-support is true and correct to the best of my knowledge and belief.

Deponent

[Signature]
(Ghulam Qadir Memon)
Chief Executive Officer
Jamshoro power Company Limited

Verified on oath this 31st day of August 2018 that the contents are correct & true to the best of my knowledge & belief and nothing has been concealed.

Deponent

[Signature]
(Ghulam Qadir Memon)
Chief Executive Officer
Jamshoro power Company Limited

ATTESTED
JUNAID AHMED
Advocate & Oath Commissioner
High Court Hyderabad
27/08/2018