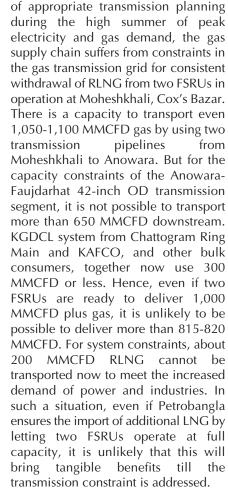


rrespective of whatever contingency actions for smart transition are taken to increase the contribution of clean Bangladesh will remain heavily dependent on fossil fuels - gas, LNG, and coal – at least until 2040. Natural gas will dominate the fuel mix. Against the backdrop of the major depleting scenario of the country's gas reserves and not encouraging prospects of major discovery, imported LNG will play a major role as a fuel resource. Bangladesh's gas demand is now 4,200 MMCFD. In 24 hours on May 22-23, 2025, Petrobangla supplied

MMCFD, including 2,676 MMCFD RLNG. Two FSRUs have a stated capacity of 1,100 MMCFD. The question arises: Why is the gas supply chain not getting at least 1,000 MMCFD RLNG supply at the time of high system demand? The Energy Adviser has assured gas-hungry industries of an increase of at least 250 MMCFD gas supply. An additional 200 MMCFD RLNG supply could facilitate gas supply to end users. Industries, especially in the TGTDCL franchise of Gazipur, Tongi, Ashulia, Savar, and Narayanganj areas, have been suffering from an acute gas crisis.



LNG supply is contingent upon regular import of the required number of



cargoes to meet the design capacity of two FSRUs. It is learnt that Petrobangla has managed to import additional cargoes. From the end of May 2025, the gas system will be ready to supply 1,050 **MMCFD** consistently. The constraints will be in the transmission integrated system and transmission planning.

The Northeastern and central regions of Bangladesh are the major sources of supply from the domestic gas fields. The lone gas field in the Southern region at Bhola is not connected to the grid. **Imported** LNG comes from Moheshkhali through two GTCL-owned gas transmission pipelines to Anowara. From Anowara CGS, gas is delivered directly to the Chattogram City Ring Main comprising 24", 20", and 16" OD segments. The design capacity of the Chattogram Ring Main is 420 MMCFD. All the consumers of KGDCL in Chattogram can be supplied gas from the Ring Main through HP DRSs, IP

## Let us review the situation from the Petrobangla daily report:

24 Hours	Total Gas Supply MMCFD	RLNG MMCFD	KGDCL Use MMCFD
22-23 May 2025	2676	801	282
21-22 May 2025	2685	802	283
20-21 May 2025	2692	813	280

DRSs, and CRS. GTCL has also constructed dedicated pipelines from Anowara CGS for KAFCO and CUFL. GTCL also constructed a 42" OD Anowara-Faujdarhat transmission pipeline for transporting RLNG. The capacity of the pipeline is 600 MMCFD. Unless the KGDCL distribution system in Chattogram uses 400 MMCFD, it is not possible to withdraw 1,000 MMCFD or more RLNG. At present, KGDCL's total gas use is below 300 MMCFD. Hence, the total RLNG supply is hovering around 800-820 MMCFD. CUFL and Sikalbaha power plants are not taking gas. To overcome the present situation, KGDCL should arrange to consume at least 80-100 MMCFD in its franchise that would facilitate withdrawal of 1,000-1,050 MMCFD RLNG consistently in the system. For the future, GTCL must plan to set up a new Compressor Station at Feni or a suitable location in the system, as a significant volume of gas will be consumed in the Bangladesh

Special Economic Zone. GTCL will also need to expedite planning of the third pipeline from Matarbari to its transmission hub at Faujdarhat for evacuating additional RLNG expected to come from the Third FSRU and land-based terminal.

FSRUs in the turbulent Bay of Bengal always face the risks of interruption. The gas system must also be ready to manage gas blackouts in the KGDCL area in the event of the operation disruptions of FSRUs due to cyclones and tidal surges.

Saleque Sufi Energy Expert



## রঙ বরঙ

বিজ্ঞাপন হার	টাকা
শেষ প্রচ্ছদ (রঙিন)	<i>(</i> 0,000.00
দ্বিতীয় প্রচ্ছদ (রঙিন)	80,000.00
তৃতীয় প্রচ্ছদ (রঙিন)	80,000.00
ভেতরে পুরো পাতা (রঙিন)	७०,०००.००
ভেতরে অর্ধেক পাতা (রঙিন)	২০,০০০.০০
ভেতরে ১ কলাম (রঙিন)	٥٥,٥٥٥.٥٥
ওয়েব সাইট প্যানেল প্রতিমাসে	२०,०००.००
ওয়েব সাইট স্পট প্রতিমাসে	\$0,000.00

রুম ৫০৯, ৫১০, ৫১১ ও ৫১২, ইস্টার্ন ট্রেড সেন্টার, ৫৬ ইনার সার্কুলার রোড, পুরানা পল্টন লাইন, ভিআইপি রোড, ঢাকা-১০০০ জিপিও বক্স ৬৭৭, ফোন +৮৮০২৫৮৩১৪৫৩২