

Vol. 118-February 2018



# The FLAME

Capturing vibrancy, diversity and energy of SSGC



DUET students present papers on **UFG**

MoS stresses on expediting work on **SNG** plants

CGTO team members **rewarded**

**RLNG**  
A CATALYST FOR  
**INDUSTRIAL GROWTH**



GAS UTILITY COURT



## TEAMED UP! AGAINST GAS THEFT

SSGC is waging an all out war against gas theft, irrespective of the criminals' status. The company is assisted by law enforcement agencies in its raids and strict legal action against the offenders are being taken.

The Gas (Theft Control and Recovery) Act 2016 allows for following privileges to facilitate crackdown on gas theft.

Any officer of SSGC (Grade 17) or equivalent may search any premises suspected of Gas Theft

Gas Theft is cognizable, non-bailable crime

SSGC can ask assistance from any LEA or Agency of Federal or Provincial Govt. during Counter Gas Theft Operations

Establishment of 27 Gas Utility Courts in Sindh and 11 in Balochistan to prosecute Gas Theft Cases

Establishment of police station exclusively to handle Gas Theft

To Know More About Gas (Theft Control and Recovery) Act 2016  
Visit:  
[www.ssgc.com.pk/GasTheftAct](http://www.ssgc.com.pk/GasTheftAct)

SUPPORT US IN OPERATION GRIFT AND HELP IN MAKING PAKISTAN PROSPEROUS

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Gas Theft is a crime against community!  
Let's RISE against it

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## A message from the Managing Director

*'Change your thoughts and you change your world.'*

Dear colleagues,

**R**ecently, I had a good fortune of being invited to Karachi's Dawood University of Engineering and Technology (DUET), one of the country's premier engineering universities. It was refreshing to hear some of the DUET students giving their presentations on a very important topic of Unaccounted-for-Gas.

The presentations did not just ooze confidence. There was plenty of substance too. We could all relate to the points raised by the students, be it discussing the causes of UFG, the anomalous behavior of UFG with bulk sale, as well as the historical variation of the phenomenon in SSGC. Students did not just identify problems but also suggested solutions. I am all for developing a close working relationship between SSGC and tertiary level institutions so that they too can be a key stakeholder in coming up with new ideas related to a number of industry-related issues and that includes UFG too.

Now a word about **The Flame**. I am happy with the effort **The Flame's** editorial team is taking in constantly improving the magazine's content and lay-out. However, I would like to see more and more contributions from SSGC employees in the magazine, be it in the form of articles, new ideas and suggestions. After all, this is a magazine for each employee. With your contribution, **The Flame** will better represent the Company in the outside world.

All the best for 2018.

Best regards,  
**Amin Rajput**

# editor's note



Dear readers,

**W**ith the advent of February, we are now settling well into 2018 mode. Departments within the company are busy meeting their targets, apart from completing day to day tasks. Employees are also determined to achieve their key performance indicators for the year in anticipation of better performance ratings. The Company is going through challenging times and its success hinges on the part each employee plays. Team SSGC thankfully realizes this and is committed to the uphill tasks at hand.

This February, Dawood University of Engineering and Technology (DUET) organized a passing out ceremony for a workshop on 'Combating the menace of UFG'. The DUET management was considerate enough to invite top SSGC management to this ceremony. UFG is an issue which is on top of the Company's agenda and it was a pleasure seeing DUET students presenting abstracts of their presentations related to many facets of UFG. The chief guest, Lt. General (R) Javed Zia lauded DUET and its students for their research on the phenomenon of UFG and hoped that linkages between two organizations will help stem its menace. Meanwhile, the Company is moving full throttle into installing LPG-Air Mix plants in Balochistan with the aim of ameliorating the living standards of its people. Jam Kamal Khan, Minister of State for Petroleum Division recently met the SSGC management and stressed on expediting the commissioning of the plants.

A reminder of sorts: Do keep sending your feedback about **The Flame**. It is your interest that makes this magazine better, with every passing issue.

Have a happy and informative reading,

Ed

Apart from the print issue, the editorial team of The Flame is giving its readers another option of reading every issue online. All smart phone users can now scan the QR code given on the magazine's title page via the QR Code Reader\* (available on Play Store for Android users only) and will be redirected to The Flame page on SSGC's official web site



\*This app is already inbuilt in the camera of iPhones.

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# “Research-oriented effort needed to control UFG”





DUET students and faculty members with SSGC management



Lt. General Javed Zia (R), Chairman, SSGC

**U**naccounted-for-Gas (UFG) or line losses is a major menace SSGC has been facing for long time, since it is not just causing financial losses to the Company but is also impacting Pakistan's economy in a major way.

This was stated by Lt. General Javed Zia (R), Chairman, SSGC while speaking as chief guest at the passing out ceremony of the Dawood University Engineering Technology (DUET) workshop entitled 'Combating the menace of UFG' in which a number of DUET graduates and students participated. The ceremony was held on February 19, 2018 at DUET. A number of students presented their papers on different aspects of UFG. The SSGC Chairman said that Pakistan's fortunes can change for the better due to the country's youth and stressed that research-oriented collaboration should be encouraged between SSGC and DUET to help combat UFG. He said that in order to control the rising UFG trend, SSGC would be more than happy to employ the services of DUET students to diagnose the factors behind UFG and suggest remedies. Lt. General Javed Zia (R) added that SSGC would be receptive to any idea suggested by DUET to control UFG.

The Chairman complimented DUET's Vice Chancellor Dr. Faizullah Abbasi (former MD, SSGC) and his team for bringing into the forefront the important issue of UFG through this workshop. He stressed on the need for quantifying UFG losses so that the factors causing this phenomenon can be better analyzed and addressed. The Chairman said that SSGC, in accordance with the directives of the Government of Pakistan, is working on quantifying line losses caused by the transmission of RLNG in conjunction with SNGPL. In his address, the Vice Chancellor thanked SSGC management for gracing the occasion and said that it has in its ranks engineers who have worked dedicatedly towards curbing UFG through a number of measures including pressure profiling, system augmentation and rehabilitation. He said that for the first time in its history, DUET is introducing programs such as Cathodic Protection, Distribution and Gas Measurement and hoped that gas utilities such as SSGC would provide them with a forum to engage themselves in hands-on training as well as hub for research.

In his remarks, Acting MD Amin Rajput termed UFG as a monster and said that the phenomenon of rapid urbanization and expansion of distribution network have also contributed to rising UFG. He said that SSGC has reconstituted its Surveillance and Monitoring Department to create Security Services and Control Gas Theft Operations (SS&CGTO) Department to make it more focused and result-oriented towards clamping down on gas theft, a major factor contributing towards UFG.

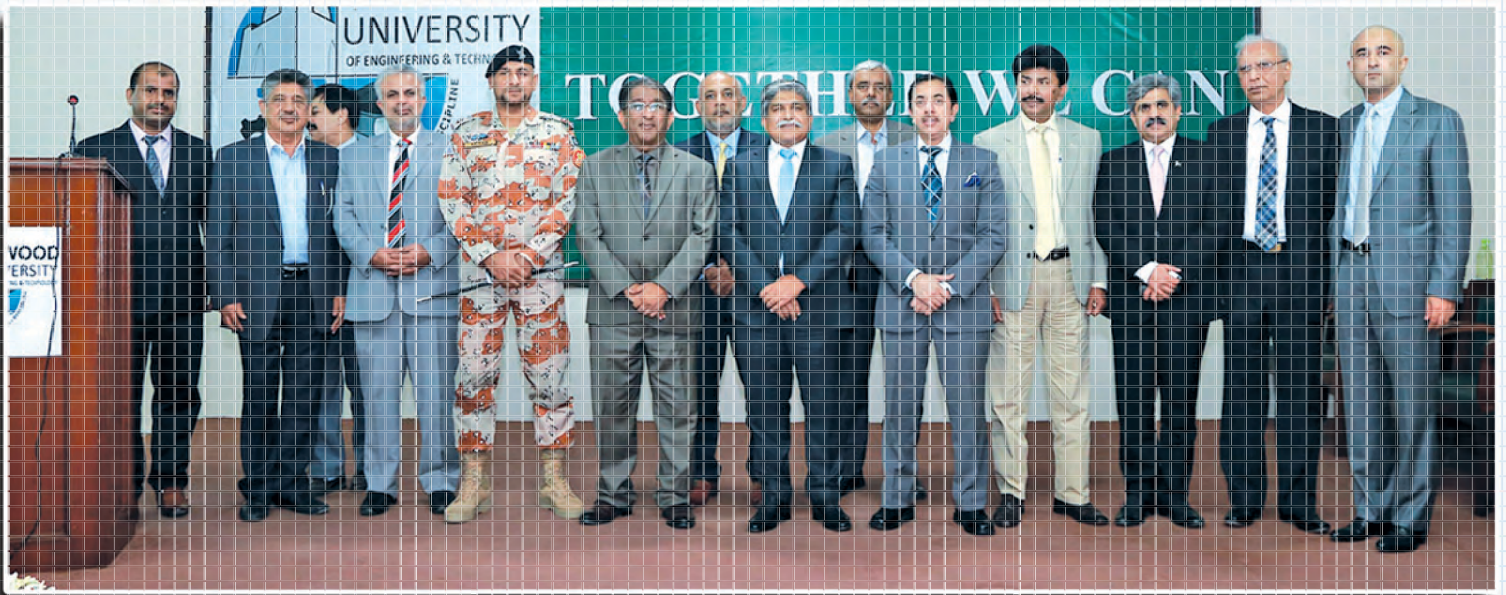
SSGC was represented at the closing ceremony by Irfan Zafar, SGM (UFG), Brig. Mohammad Abuzar (R), DG (SS&CGTO), Nadeem Qayyum, DGM (Distribution-Central) and Shoaib Ahmed, Company Secretary. Engr. Salim Ahmed Mughal, DUET Professor and resource person of the workshop welcomed the guests. At the conclusion shields were presented to SSGC's MD and Chairman by the VC, DUET. ●



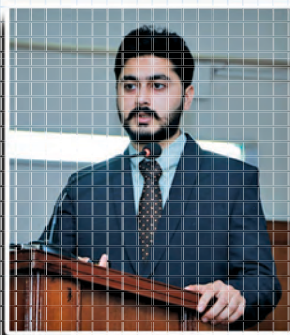
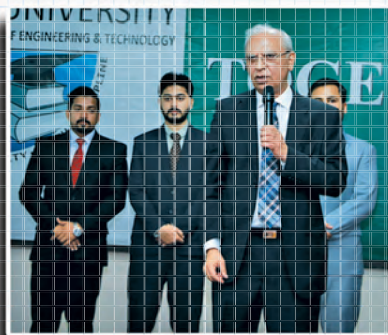
VC DUET presenting a memento to Chairman, SSGC



Amin Rajput, Acting MD, SSGC



The SSGC Chairman said that Pakistan's fortunes can change for the better due to the country's youth and stressed that research-oriented collaboration should be encouraged between SSGC and DUET to help combat UFG. He said that in order to control the rising UFG trend, SSGC would be more than happy to employ the services of DUET students to diagnose the factors behind UFG and suggest remedies.







## MoS stresses on expediting LPG-Air Mix Plants in Balochistan

**T**he Minister of State for Energy (Petroleum Division) Jam Kamal Khan has stressed on the need to expedite work on LPG-Air Mix Plants for the betterment of the residents of Balochistan. He expressed his views at a meeting held recently in Islamabad to discuss matters pertaining to the installation and commissioning of LPG-Air Mix Projects in Balochistan. The meeting was attended by SSGC's Project Director (Liquefied Gases) Asim Tirmizi and the Ministry of Energy, Petroleum Division's Shahid Yousuf, Director General (Liquefied Gases) and Syed Tauqeer Hussain, Joint Secretary.

The Minister said that the Government was committed towards making LPG-Air Mix available on fast track basis to those areas in Balochistan where natural gas could not be transmitted and distributed.

In the past, SSGC has established LPG-Air Mix plants in Balochistan towns of Gwadar (1 mmcf capacity), Noshki and Surab (2 mmcf capacity) and in Kot Ghulam Mohammad (2 mmcf capacity) in Sindh. In 2016, the Economic Coordination Committee (ECC) approved the summary submitted to the Ministry of Petroleum and Natural Resources for the installation of additional 30 LPG-Air Mix Plants in the far flung areas of Sindh and Balochistan where distribution of natural gas through conventional pipelines was not feasible.

The Ministry of Energy (Petroleum Division) engaged SSGC to achieve the goal in Balochistan keeping in view the gas utility's vast experience and expertise in the field of energy infrastructure development and its proven track record in the past years. Their combined efforts have already led to the

energetic initiation of LPG-Air Mix projects at various locations in Balochistan, with two LPG-Air Mix Plants of 1 mmcf in Awaran and Bela now nearing completion.

It must be mentioned here that Pakistan was facing a huge energy deficit in the beginning of 2013 which was resulting in the rapid downfall in economic growth of Pakistan.

The government accepted the massive challenge of bridging the demand-supply gap and actively initiated several development schemes including those related to the enhancement of the energy generation capacity. The main emphasis of the schemes was on the development and growth of the province of Balochistan, with notable pillars in these schemes being LNG and LPG-Air Mix. ❖



MoS holding talks with the Ministry and SSGC officials on the subject of SNG plants

## Operation Grift – SSGC teams raid commercial and CNG units



**I**n February 2018, SSGC intensified natural gas theft operations in its franchise areas. SSGC's Counter Gas Theft Operations (CGTO) team carried out raids on a number of commercial units including a garment factory, two embroidery works unit and a power house located in Orangi town in Karachi.

In all these cases, the miscreants were found using domestic connection for commercial usage. Total load that was being consumed illegally was around 1,325 cft/hr.

Claims were also raised against the culprits. Earlier, the same team, with SSGC Police Force also conducted raid in a restaurant called SoS Bar in Clifton where culprits were using gas directly through a domestic gas connection by using a rubber pipe. The service line was killed by SSGC team, who

suggested the business unit to apply for RLNG to run its operations.

In another operation, raids were conducted in Lyari area on a thread dying factory, three hotels and a big bakery where culprits were using gas for commercial purposes from direct line of domestic connections.


Control Gas Theft Operations (CGTO) team disconnected connections and raised claim of load used by the culprits.

Meanwhile, in Kotri, another CGTO team conducted four raids in a plastic factory, road side hotels including Sachal, Bismillah and Jholay Lal hotels where culprits were using domestic connections for commercial use.

The connections were disconnected and claims were raised. The business unit owners

were at the same time asked to apply for RLNG.

The CGTO team in coordination with the Company's CRD, FIR Cell, along with SSGC Police raided three CNG stations which were running their businesses despite the Company's instructions for a closure.

The team sealed Sacha CNG Station Moro, Mustafa CNG station Moro and Awami CNG stations Qazi Ahmed for 48 hours and strongly warned their owners that if they continue this illegal act the duration of closure will be increased in weeks and months. In addition, they will be liable to stringent punishment under the Gas (Theft and Recovery) Act 2016. Raids were also carried out in other parts of Sindh including Larkana. 





## CGTO motivates its outstanding performers

In 2017, Security Services Department was amalgamated with the Surveillance and Monitoring and FIR Cell to create Security Services and Counter Gas Theft Operations (SS & CGTO) Department. The new department got fully functional on August 10, 2017 by launching its first Intelligence Based Operation. On March 12, 2018, a ceremony was organized by the SS & CGTO Department to acknowledge the services of the work force who played an active part in fighting a relentless war against gas theft. The objective of the ceremony, the second in the series, was to distribute certificates to the outstanding performers based in Karachi, not just to motivate them but also to inspire others in the team to give their best.

In his address, Brig. (R) Mohammad Abuzar, DG-SS & CGTO addressed the audience. He motivated the workforce for a more zealous participation during the operations. He emphasized that UFG is a major menace and the Department has a key role to play in controlling it. After his address, Imran Farookhi, DMD (Corporate Services) distributed the excellence certificates to outstanding performers. The recipients were selected from all five wings of SS & CGTO Department and SSGC Police Station. The ceremony was also addressed by DMD (CS) who praised the efforts of the newly formed department. He stressed on them to achieve targets set by the management.

Such ceremonies will be a regular feature aimed at maintaining close interaction and reduce communication gap between DG-SS & CGTO and the work force on the ground. SS & CGTO will organize such events in all the other regions in the Company's franchise areas. ■



# RLNG

## A catalyst for industrial growth

**R**ecently while flipping through the archives section of a newspaper, I came across a 1968 print advertisement of the then Karachi Gas Company. The body copy of the ad confidently boasted, 'Sui Gas is always there, whenever you need it. Turn on the tap and there is inexhaustible supply.' It seems that two things were happening back then. Either our energy mandarins were too complacent about the inexhaustibility status of natural gas or were not far-sighted enough about the future. They did not foresee that by 1980s, consumption of natural gas in Pakistan would spread literally like a wild fire.

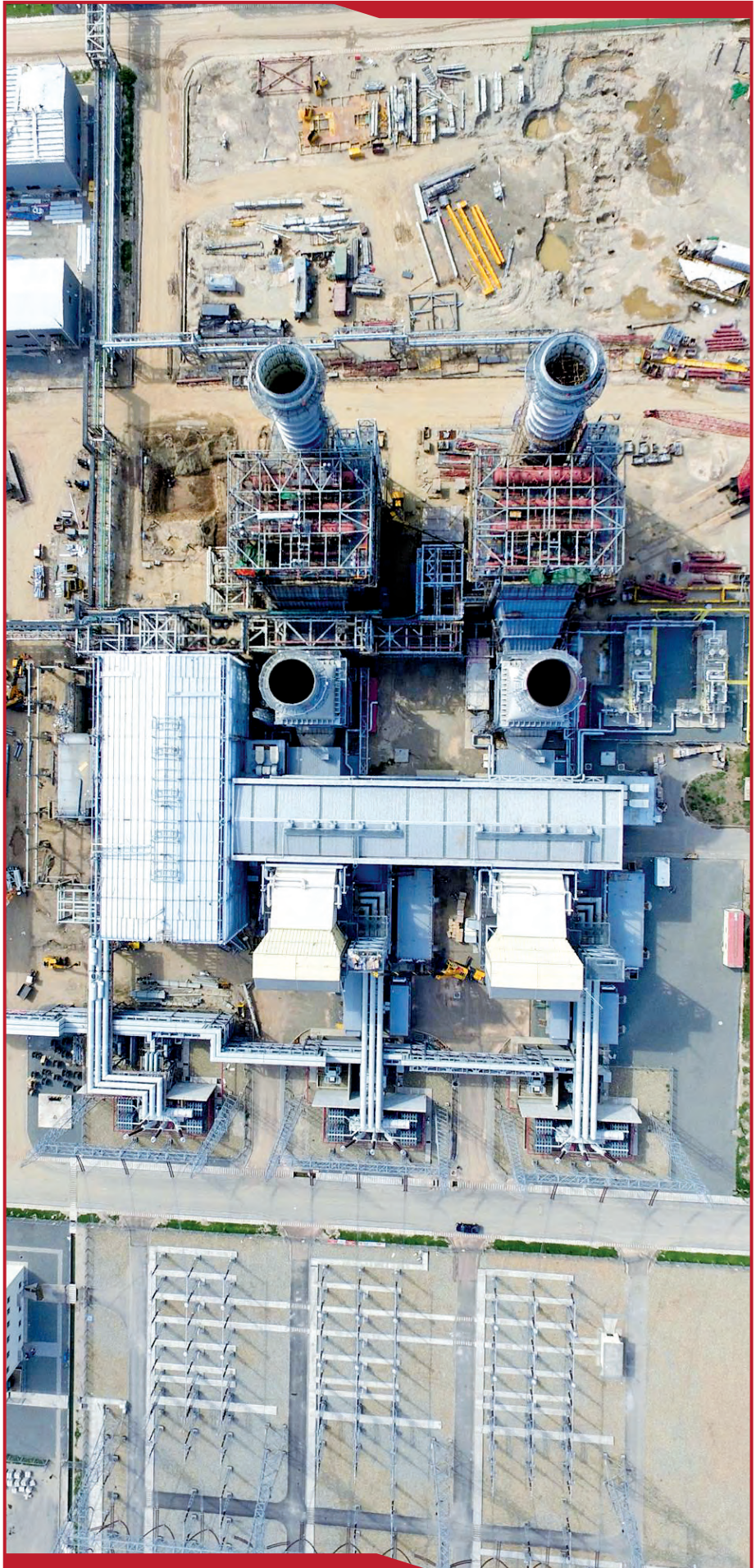
Initially gas catered primarily to domestic demand. Growing population along with rapid urbanization then led to a massive increase in the consumption needs of commercial and industrial customers too. And if this was not enough, the CNG sector showed a phenomenal growth with Pakistan becoming one of the top CNG consuming countries in a matter of few years. All these factors badly disturbed the demand-supply equilibrium of natural gas.

In order to augment gas supplies and bridge the ever widening demand-supply fissure, transnational pipeline schemes such as Iran-Pakistan-India which was later reduced to Iran-Pakistan or IP, and Turkmenistan-Afghanistan-Pakistan-India Pipeline (TAPI) projects were embarked upon by the previous governments. These projects, however, moved at a snail's pace generally due to security reasons and international sanctions.

### A new type of gas field

All this time, while the disequilibrium showed no sign of easing off, Pakistan's policy makers thankfully started seeing the fast track import of LNG as the most viable short-term solution for Pakistan's gas and energy needs. In 2004, for the first time, a strategy to provide Pakistan with an alternative energy resource was formulated. As the country found out to its dismay, at least six attempts to work out a feasible plan to import LNG were made, yet each fell by the wayside, for one reason or the other.

By mid-2010s, the natural gas situation was getting worse. Pakistan's constrained demand for natural gas had reached 6 billion cubic feet



► Positive Outcome: RLNG-fired Bhikki Power Plant in Punjab

per day while the local gas production hovered around 4 billion cubic feet per day. Long queues on CNG stations, gas-fired industries going out of business, power outages and the resulting growing public angst were the headline news. Something had to be done and done fast.

In 2013-14, to bring in LNG into the country, the government finally opted for an unbundled approach. This approach basically involved separating LNG re-gasification terminal from LNG procurement. The good thing was that the approach worked. A multi-pronged strategy that included a fast track import of LNG, installation of LNG terminals and laying of a dedicated gas transmission pipeline, was followed.

Pakistan was now seeing LNG on the horizon. To ensure this scenario, the stakeholders including the public and private sector companies had two challenges in front of it. One, to import LNG into the country and another to build an enduring LNG infrastructure. In April 2014, SSGC and Elengy Terminal Pakistan Limited (ETPL) inked an LNG Services Agreement that included the construction of Pakistan's first LNG import terminal at Karachi's Port Qasim by ETPL. The LNG Terminal with a capacity to re-gasify up to 600 mmcf LNG, was built in a world record time of 335 days. A new type of gas field was taking shape in Pakistan and it was called LNG. The dream was finally turning into a reality.

March 26, 2015 marked a new dawn for Pakistan's economy when the country became a member of the exclusive LNG Club. Exquisite, a Belgian flagged Floating, Storage, Regasification Unit or FSRU ship sailed from Qatar's Ras Laffan Port into the shores of Port Qasim in Karachi, carrying 148517 cubic meters of LNG cargo. The first ever LNG cargo had arrived. Since then, 137 LNG cargoes have so far been received for onward transmission of RLNG to sectors that are in dire need of gas.

### Dedicated infrastructure

To effectively utilize the Elengy Terminal's capacity to transmit 600 mmcf RLNG to the required power, fertilizer and CNG sectors, a dedicated pipeline infrastructure needed to be set in place. In 2014, the federal government tasked SSGC and SNGPL to lay down a transmission pipeline from Karachi to Punjab to facilitate gas transportation to LNG-based power plants and CNG filling stations and commercial and industrial users.

That same year, SSGC started working on the biggest infrastructure development project ever undertaken in SSGC's history. On the other hand, SNGPL got down to carried out a massive system augmentation of its own.

Considering their vast magnitude, SSGC divided the project into two stages. The first stage saw SSGC engaging in the construction of loop-lines for supplying 400 mmcf imported RLNG to SNGPL along with a swap arrangement to get indigenous gas from SNGPL. In order to boost gas pressure while it flows through the lines, two old compressors, each of 120 mmcf volume, were relocated from the Company's Dadu facility and brought to HQ-2 Daur. These compressors helped achieve the desired delivery pressure of 1,115 pound per square inch gage (psig) at Sawan. The LNG Project was well and truly on the roll.

### Improved supply

The first stage resulted in the injection of RLNG into the system which, in turn, contributed to an improved gas supply situation in the North. CNG stations started opening up and gas supply to power and fertilizer sector too improved. Winters too were less excruciating than in the past.


This was however a job only half done. In order to effectively utilize the entire 600 mmcf RLNG capacity of the LNG Terminal in Karachi, both the gas utilities started placing a dedicated infrastructure for transmitting the

full volume to the power, fertilizer and CNG sectors in the northern part of the country. The second stage involved laying down a dedicated 42' dia., 342 km line from Karachi to Sawan. The project was in every way a race against time as the Government had set before SSGC a very stiff target of less than two years for the completion of the task.

The massive amount of tendering for the procurement of factors of production surpassed anything that SSGC had ever undertaken. Logistical issues came at every stage especially when it came to shifting turbo compressors from the Port in Karachi to eventual destination in HQ-2 Daur in Nawabshah. And then there was the most agonizing issue of land acquisition for laying down gas pipelines. Planning, therefore, had to be the key to the eventual success. Tasks needed to be clearly identified. Scheduling of tasks was imperative and execution had to be top notch and in compliance with international standards. In short, it required more than just sincerity towards the job to pull it off.

### One massive project

The pipeline construction job was a major challenge, more so, since the project teams had to travel through diverse terrains including swamps, semi-arid zones, and agricultural lands and rivers crossings. Considering the diverse condition each segment had to offer, the project was divided into four segments or sub-projects on the basis of convenient landmarks, terrains, logistics and way points available along the route.

To facilitate pipeline laying job on river crossings, China Petroleum Bureau was outsourced to work on the horizontal directional drilling for boring through the 2-km river bed at the Indus River Crossing. 

**Continued on page 15**



**Major achievement: A view of HQ-2 Daur where the Company has installed 6 turbo compressors**


# Intelligence test... with a gift to boot



**T**he GIS Section of SSGC's IT Department carried out an inter-departmental GIS competition in February 2018. The competition entailed giving the best presentation on ArcGIS Enterprise 10.5. Groups that topped the competition were B, F and I. The section arranged a lucky draw for presenting gifts to

one of the three groups. Group 'I's Mehnaz Hafeez and Tahir Mirani, GIS-IT executives from the Quetta Region won two PTCL Chargino Evo Cloud devices.

ArcGIS Enterprise considered as the next evolution of the ArcGIS Server product line, is a full-featured mapping and analytics

platform. It includes a powerful GIS web services server plus dedicated Web GIS infrastructure for organizing and sharing work in order to make maps, geographic information, and analyses available on any device, anywhere, at any time. 



IT officials taking out lucky draw of the GIS executives

Gas to Inayatullah Karez

## First joint weld performed



**M**adni Siddiqui, Acting General Manager/Incharge (Balochistan Region) recently performing the first joint weld of the project for supply of gas to Inayatullah Karez in Killa Abdullah.

The project involved laying down a 16" dia., 8" dia., 4" dia., and 2" dia. lines at a total cost of Rs. 618 million. More than 200 households will benefit from this scheme. ◻



## Medical department holds seminar on 'Healthy Parenting'



**D**r. Nirmal Niazi, consultant clinical psychologist gave a very informative and comprehensive presentation on 'Healthy Parenting'. The seminar, convened by the Medical Services Department on January 26, 2018 at the Head Office Auditorium, was attended by a large gathering. ◻



## Giving a new lease of life




**Governor Sindh Muhammad Zubair presenting a memento to Asim Tirmizi, PD(LGs) in recognition of SSGC's support for RPLM**

**S**SGC supported Rotary Pakistan's Literacy Mission (RPLM) through which the Rotary is pursuing the promotion of literacy by adopting abandoned government schools. RPLM's annual fund-raising event was held at Sindh

Governor House on February 4, 2018, which was attended by an august gathering.

SSGC was represented by Asim Tirmizi, PD (LGs), Saeed Rizvi, SGM (ES), Saeed A. Larik, SGM (D-N), Aamir Mumtaz Khan, ASGM (GS)

and Salman A. Siddiqui, DGM (CCD)

Governor Sindh Muhammad Zubair presented a memento to Asim Tirmizi, PD(LGs) in recognition of SSGC's support for RPLM. 

## RLNG – A catalyst for industrial growth - *Continued from page 12*

The tranquil countryside of Daur, some 27 kms away from Nawabshah is home to HQ-2 Daur, one of the nerve centers of SSGC's transmission network. Daur became the project's center point. More than 800 company and outsourced engineers and workers made HQ-2 Daur their base camp for the entire duration of the project.

The workforce remained involved for more than a year in civil and installation works of six compressors shipped from the USA in order meet the SNGPL's demand of 1,115 psig pressure at Sawan. Each of these compressors had a volume of 200 mmcf each.

### **An attempt to close in on the gap**

The massive infrastructural development heralded a new era of sustainability. From January 27, 2017 onwards gas supply in Punjab dramatically improved after another 200 mmcf consignment was added to the system with the completion of the 2nd stage of the RLNG transmission project. Improved gas supplies to Punjab's power, fertilizer and CNG sectors helped bridge the demand-supply gap substantially.

The massive RLNG transmission project that SSGC and SNGPL undertook has in fact

opened LNG floodlights. It marks the continuation of Pakistan Government's plan to encourage local and foreign investors to not just import LNG but to build a network of related infrastructure in strategic locations.

The public-private partnership aimed at bridging energy shortfall is finally working. A second LNG terminal has commenced operations to handle another 600 mmcf to meet needs of three LNG-based power projects in Punjab that have 3,600-megawatt power generation capacity. Fertilizer, power and CNG sectors are being shifted to LNG.

Meanwhile, SSGC has started processing and receiving applications from the prospective customers for supply of RLNG.

In this regard customers requiring new gas connections and enhancement in gas load for Industrial, captive power and commercial use are asked to apply while formally mentioning RLNG volume requirements.


In the meantime, SSGC and SNGPL have started planning out a new pipeline from Karachi to Lahore which will add another 1.2 billion cubic feet per day (bcfd) of LNG to meet the growing demand of domestic,

commercial, industrial, power and CNG sectors.

### **Silencing the Detractors**

LNG project has sailed on despite being surrounded by a bevy of detractors who questioned its viability right from day one. And yet the LNG consignments have continued to pour in.

SNGPL reported that despite current cold wave in the northern part of the country, primarily due to injection of RLNG into its system, low pressure complaints have diminished to a great extent. The Company admitted perhaps for the first time in many years that it ensured better load management due to LNG.

The actions of the public and private sector have given way to the realization that LNG is the only viable solution to take Pakistan out of the energy conundrum. An energy starved nation not too long, Pakistan is busy solving the energy conundrum. Some years ago, this scenario would have been difficult to see if LNG had not been introduced in Pakistan's energy mix. 

**Contributed by Corporate Communication Department**



## SSGC provides monetary support to CSR partners

**R**ecently, as part of its CSR initiatives for FY 2017-18, SSGC provided monetary support to three institutions dedicated towards the cause of education and health. The Company's Corporate Communication Department, responsible for carrying out CSR activities in its franchise areas of Sindh and Balochistan recently presented cheques to the representatives of IBA Karachi, Imkaan Welfare Organization (IWO) and Healthcare and Social Welfare Association (HASWA).

Recently, Shahbaz Islam, AGM (Corporate Communications) and Salman A. Siddiqui, DGM presented cheques to the representatives of the three organizations. Also present on the occasion were Shaheen Imam, Deputy Manager and Zubia Sadiq, Executive.

Institute of Business Administration (IBA) has established itself as a premier business school in Pakistan with a strong track record of over fifty years of producing quality undergraduates and post-graduates in Business and Computer Sciences.

Imkaan Welfare Organization (IWO) is doing a remarkable job as it is striving hard to improve the educational and health levels of lesser privileged children of Machar Colony, Karachi. SSGC continuing its long standing partnership with Imkaan Welfare once again provided financial assistance to support the NGO by bearing their monthly operational expenses incurred in running their educational center, featuring their exemplary initiative 'KHEL'.

HASWA is a trusted partner of SSGC's CSR program. The association, as a non-profit prosthetic center facilitates non-affording people without legs by providing them artificial limbs, free of cost. SSGC provided financial assistance to HASWA by funding artificial limbs for 60 such poor patients who cannot afford them. ●



## CBEP students supported through CSR

**M**adni Siddiqui, Acting General Manager/Incharge (Balochistan Region) seen here presenting a cheque to Col. Mubashir (41 Division) of Chamalang Balochistan Education Program (CBEP) as part of SSGC's CSR initiative of meeting yearly educational expenses of ten local students. ●

## Veteran Nisar Sheikh bids farewell



**A** senior member of SSGC fraternity, Nisar Sheikh, ASGM (Distribution-North) bid farewell to the Company after serving it illustriously for

many years. SSGC's management led by Amin Rajput, Acting MD, SSGC hosted a luncheon in honour of the veteran at the Head Office on February 6, 2018. Mohammad

Wasim, DMD (Operations) and Imran Farooki, DMD (CS) along with the members of the senior management also joined to pay tribute to Mr. Sheikh. 📍



## Top Performer

**S**yed Askari Raza s/o Syed Sajid Raza, Chief Manager (SCADA-Distribution, Karachi Terminal) secured straight A Grades in all subjects in GCE A Level Examination 2017. In his GCE O Level Examination 2015, he secured As in all ten subjects. Currently, Mr. Raza is enrolled in the Mechanical Department of Ghulam Ishaq Khan Institute of Engineering and Technology (GIK). 📍




## Befitting farewell for DGM (P&D)



**T**ariq Pervaiz, DGM (P&D) retired recently after serving the Company illustriously for many years. A farewell lunch was hosted in his honour by his colleagues at the P&D Department on September 19, 2017. Saeed Rizvi, ASGM (ES) was the guest of honour. ◻




## APCNGA discusses CNG issues with management

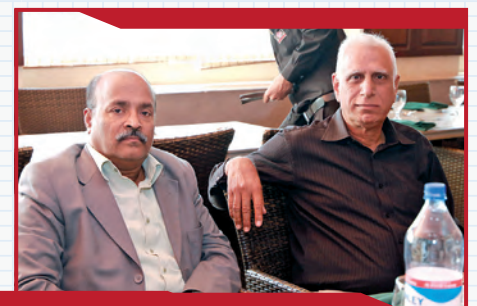
**A**ll Pakistan CNG Association held talks with SSGC's senior management to discuss matters related to CNG stations' closure and other relevant issues. The meeting was held on February 15, 2018 at the Company's Committee Room in Karachi Head Office. 



## Luncheon hosted in honour of ES head



**T**he P&D Department held a lunch in honour of Saeed Rizvi, ASGM (Engineering Services) at Arena Family Recreational and Sports Complex, Karachi. Pictures taken on the occasion. Mr. Rizvi has recently been promoted as SGM (ES). 





# For a good cause – SSGC/SLL executives participate in Indus Golf Tournament

Senior SSGC executives, Kamran Nagi, GM / I/C Distribution (D-South) and Captain (R) Faheem Durrani, Sr. Manager (SLL) demonstrated their golfing skills at the Indus Golf Tournament held on February 11, 2018 at Karachi Golf Club. The tournament was a fund raiser for the Indus Hospital. The senior executives were assisted by two experienced golfers Jamal Ali Khan and Athar Abbas in forming the team. 📍



## Check-up session of Suzuki cars held at KT



**S**uzuki Motors arranged a fleet check-up session of Suzuki cars of the Company employees. The session was held at the Karachi Terminal on February 22, 2018 and was arranged by Admin. Services Department. ◉



## CP round-up



A briefing session on Cathodic Protection was organized by Naik Muhammad Shaikh, CE (CP). Abdul Waheed Jumani, GM-Distribution –Lower Sindh spoke on the occasion. ◉



Naik Muhammad Shaikh, Chief Engineer (Cathodic Protection) Hyderabad giving promotion letter to Engineer Noor Nabi Soomro. ◉

## SSGCWA hosts new year lunch for its members



**O**n February 2, 2018, SSGC Women Association (SSGCWA) hosted a new year lunch for its members at Celebrity Chef Asad's restaurant "Urban Tarka".

The members were given an opportunity to mingle with each other. Chef Asad shared quite a few secret recipes of his own with the members. The dainty lunch was followed by

drinks, desserts, ice-creams and special lemonade. It was a fun-filled afternoon enjoyed by everyone. **O**



## Obituary

- Moeed-uz-Zafar, former SGM – February 21, 2018.
- Mother of M. A. Gohar, CM, Corporate Communication Department – February 25, 2018.
- Mother of M. Asjad Farooq, Manager, IMC - February 18, 2018.
- Son of Yahya Khan, DM (Billing) Quetta – February 26, 2018.
- Father of Khalid Hussain Bhutto, Dy. Manager, Disposal Section Stores-KT – January 28, 2018.

May their souls rest in peace, **Ameen.**

# ENERGY SNAPSHOT



## Pakistan remains on radar of LNG marketing firms

**S**INGAPORE: Pakistan remains high on the radar of LNG marketing companies across the world as it has emerged as one of the largest importer, and is now expected to further strengthen its position with more terminals slated to come online at seaports shortly.

“Pakistan is a very well developed gas market,” Shell Energy Executive Vice President Steve Hill said while responding to a media briefing on ‘Shell LNG Outlook 2018’ in Singapore.

“It (Pakistan) may emerge as the second or third largest importer of LNG this year or the next ... it was the sixth largest importer of the gas last year,” he said.

He added that Pakistan it has put in place reliable and quality infrastructure to import the gas after its domestic gas supplies failed to meet local needs. Pakistan’s economy is growing and its gas “demand growth is a very positive story”, he remarked.


China, Korea, Turkey, Spain and France remained the top five importers of LNG gas in descending order in 2017.

An official of Woodside, a leading Australian oil and gas exploration firm, also expressed high hopes to make direct supplies of LNG to Pakistan in near future.

“Recent gas discoveries in the US would make us competitive for Pakistan,” manager

of the company’s trading arm in Singapore, Robert Pfeiffer, told a local newspaper on the sidelines of the ‘LNG Discovery Programme 2018.’

The company has so far delivered a couple of cargos to Pakistan since it laid down the infrastructure a couple of years ago. “We, most of the times, remain in talks with Pakistan for supply of the gas,” he said.

Pakistan has established two LNG import terminals with installed capacity of 600 million cubic feet per day each at Port Qasim, Karachi. 

**Source:** Express Tribune





## Summit Power, Mitsubishi to develop \$3 billion LNG-to-power project in Bangladesh




**S**ummit Power International has signed a memorandum of understanding with Japan's Mitsubishi and Diamond Gas International to develop a \$3 billion LNG-to-power project at Matarbari, Moheshkhali, in Bangladesh, which includes an 11 million mt/year terminal, the company said in a statement Tuesday.

Under the agreement, the parties agreed to develop an integrated LNG onshore

receiving terminal with a regasification capacity of up to 1.5 Bcf/d, two units of 1,200 MW gas turbine combined cycle power projects, relevant high voltage transmission lines and the imported LNG.

"This MOU will help SPI support Bangladesh's fast-growing energy, power and technology needs. It will be a strategic fit for SPI to leverage Mitsubishi's LNG, and LNG-to-Power expertise as well as

understanding of Moheshkhali and Bangladesh's power needs," SPI chairman Muhammed Aziz Khan said.


Summit Power International is the largest independent power producer in Bangladesh, representing approximately 21% of the country's private power market in 2017. 

Source: cnn.com

## Eni set to capture a large share of Pakistan's LNG market

**S**Italian energy major Eni is likely to capture a larger share of Pakistan's liquefied natural gas (LNG) market by enhancing supplies to feed power plants in Punjab as both countries push ahead with a government-to-government deal for energy cooperation.

Already, Eni has secured a long-term contract for the supply of 100 million cubic feet of LNG per day (mmcf) to Pakistan. It won the contract after competing with other companies in a tender. Now, the two governments are working on a separate agreement without going through the bidding process. The Italian government has nominated Eni for LNG supplies.

Earlier, Eni had explored oil and gas reserves across the country. At present, Pakistan has a 15-year LNG purchase agreement with Qatar on a government-to-government basis and gas imports are being handled at the first LNG terminal at Port Qasim. It has handling capacity of 600 mmcf. 

Source: Express Tribune



## Latest advancements in fiber glass composite pipes technology for natural gas transportation: Seminar

**S** With major breakthroughs being made possible because of intensive research work carried out in the field of materials science especially composite materials over the last 50 years, major technological advancements have occurred resulting in fabrication of materials having superior physical, chemical and mechanical properties. One result of such innovations is the Fiber Glass Composite material having its vast application in the piping sector in particular. Two main products related to Fiber Glass Composite Pipes are Glass fiber Reinforced Plastics (GRP) and Glass fiber Reinforced Epoxy (GRE) Pipes. In this connection, R&D department organized a seminar in collaboration with 'Future Pipe Industries' on 15 Nov 2017 at SSGC Head Office Auditorium. Future Pipe Industries (FPI) headquartered in Dubai UAE; is the global leader in anti-corrosive fiberglass composite pipes design and manufacturing having the world's largest product portfolio of fiberglass pipe systems. With over 30 years in the industry, FPI has installed more than 160,000 kilometers of pipe worldwide and built up a robust reputation for designing, manufacturing and installing pipe solutions for the world's biggest companies in the fields of infrastructure, oil and gas, industrial, and water.

Mr. Mir Anwar Ali – General Manager of FPI having over 20 years of experience in the field of composite pipes along with his team member Mr. Abdullah Idrees gave an insightful and comprehensive presentation on Technical Aspects of Fiber Glass Composite Pipes and Fittings for gas lines along with their heritage and application for Natural Gas transportation. Mr. Anwar briefed that GRE pipes are most suitable for Natural Gas transportation as compared to other composite pipes available in the market and FPI offers various product ranges in GRE Pipes with brand name including Fiberstrong, Yellow Box, Red Box and Wavistrong.

He asserted that GRE pipes stand tall in the market and have proved to be a good alternative for metallic and other plastic pipes because of their superior physical and mechanical properties and cost-effectiveness. He justified his statement by stating its properties that GRE pipes are light weight when compared carbon steel pipes of same diameter – one-fourth to be

exact thereby reducing the transportation, handling and installation costs. Because of their high corrosion resistance properties, these pipes are suitable for use in harsh and moist surroundings and even salty and swampy environments. Also, GRE pipes are much more abrasion resistant than steel having 3-4 times greater lifetime expectancy.

These pipes have excellent hydraulic flow characteristics with significantly lower friction losses. The smooth resin rich inner lining not only provides protection against highly corrosive media but also less energy is required to transport the medium through the pipe. With over 50 years of long and effective design life, there's no need for expensive cathodic protection or any kind of costly pipe coating, wrapping, lining etc. hence their maintenance and operating costs are negligible which makes them cost effective when compared to other piping



materials. However, intelligent pigging can be done as and when required. These pipes have made their application in Natural Gas Transmission and Distribution and some of their end users are PDO (Oman), Aramco (Saudi Arabia), Pertamina (Indonesia), Gaz De France (France), Preussag Energy (Germany) etc.

GRE pipes are available in standards length of 6 m, 10 m and 12 m and in standard diameters of 25 mm up to 1600 mm. Available in standard pressure classes up to and including 3000 Psi and resistant to temperatures of up to 130o C depending on the medium. Moreover, he added that FPI also manufactures pipes as per the requirements of its customer and operating design conditions. FPI also elaborated that all those joints that are available for Carbon

Steel pipes are also available for GRE pipes including threaded joints, mechanical couplers, and flanges and further discussed that metallic joints can also be used with these GRE pipes. Hot tapping can easily be done on these pipes as per the standard practices available similar to those of metallic pipes. These pipes are UV resistant and are suitable for both underground and aboveground applications and requiring lighter support structures.

Emphasizing upon the costing of these pipes, FPI elaborated that the costs of composite pipes (GRE) vary according to the material and diameter but generally, the bigger the diameter, the cheaper the material cost. Generally, GRE pipes and fittings are 20-30% less than CS and MS pipes in all respects but when the long term operating costs are taken into account, GRE pipes become much more cost-effective as

no Cathodic Protection (CP) system is required and also these pipes require negligible maintenance. Hence, GRE pipes because of their inherent corrosion resistance, leak-free performance and superior hydraulic characteristics have the lowest life cycle cost. These were some of the main topics discussed during the workshop.

The seminar was attended by senior management and executives from multiple departments including Transmission, Distribution North Region, Distribution South Region, Projects and Construction (P&C), Planning and Development (P&D), Liquefied Gases (LGs) and HSE&QA.

The participants appreciated the product and said that these pipes should also be used in Pakistan for Natural Gas transportation like in other countries of the world and can prove to be a good alternative for Carbon Steel pipes in transmission and Polyethylene pipes in distribution supply mains. However, the executives of SSGC suggested that a pilot project should first be executed to see the outcomes of this piping technology in Pakistan. FPI officials informed that they also offer proper training to the workforce in terms of laying, installation, joining and other services required during the pipeline operation. The presentation came to a halt with a rigorous Question and Answer session followed by refreshments in the end. ◻

Courtesy: R&D Department

# OUR CSR VISION

BRINGING PROGRESS

EDUCATION

CONSERVING NATURE

ENVIRONMENT

SUSTAINING LIVES

HEALTH

## يوايف جي ڪمپني جو وڏو مسئلو آهي، جنهن لاءِ اثرائتا اڀاءُ وٺڻ گهرجن. ايس ايس جي چيئرمين ليفٽيننٽ جنرل ريتائرڊ جاويد ضياءَ



سئي سدرن گئس طرفان سينيئر جنرل مينيجر عرفان ظفر، سيڪيورٽي سروس اينڊ سي جي ٽي او جي ڊائريڪٽر جنرل بربگيڊيئر ريتائرڊ محمد ابو زر ۽ ڊي جي ايم نديم قيوبر ۽ ڪمپني سيڪريٽري شبيب احمد شرڪت ڪئي، جڏهن ته پروگرام جي پڄاڻي تي ايس ايس جي چيئرمين ۽ ايڪٽنگ ايم ڊي کي يونيورسٽي جي وائس چانسلر ۽ ايس ايس جي سي جي اڳوڻي ايم ڊي ڊاڪٽر فيض الله عباسي يادگار شيلڊ پيش ڪئي، جڏهن ته ورڪشاپ ۾ شرڪت ڪندڙن بين مهمانن کي هن سرٽيفڪيٽ پڻ ڏنا. ❏

ان ورڪشاپ ۾ يونيورسٽي جي گريجوئٽس ۽ ٻين شاگردن وڏي انگ ۾ شرڪت ڪئي. انهن يوايف جي مختلف پهلوئن تي پنهنجا مقالا پڻ پيش ڪيا. ايس ايس جي چيئرمين وڌيڪ چيو ته پاڪستان جي تقدير کي سنوارڻ ۾ ملڪ جي نوجوان نسل جون ڪوششون اهم ڪردار ادا ڪري سگهن ٿيون. هن ان ڳالهه تي زور ڏنو ته يوايف جي ڪمپني کي منهن ڏيڻ لاءِ ايس ايس جي سي ۽ ڊي يوايف جي وچ ۾ تعلق کي وڌائڻ گهرجي. جاويد ضياءَ چيو ته سئي سدرن گئس ڊي يوايف تي طرفان پيش ڪيل تجويزن جي آڇيان ڪري ٿي.

ايس ايس جي چيئرمين ليفٽيننٽ جنرل ريتائرڊ جاويد ضياءَ چيو آهي ته گئس ڪمپني ۾ غير رجسٽرڊ گئس جو مقدار (يوايف جي يا لائين لاسٽ) وڏو مسئلو آهي. سئي سدرن کي گهڻي عرصي کان ان پریشاني کي منهن ڏيڻو پيو پوي، جيڪو نه رڳو ڪمپني جي مالي نقصان جو سبب آهي، پر پاڪستان جي معيشت کي پڻ گهڻو متاثر ڪري رهيو آهي. اهڙن خيالن جو اظهار هن ڊائوڊ يونيورسٽي آف انجنيئرنگ اينڊ ٽيڪنالاجي جي اهم ڪارم هين يوايف جي هڪ مسئلو آهي جي عنوان هيٺ منعقد ڪرايل هڪ ورڪشاپ ۾ خاص مهمان جي حيثيت سان خطاب ڪندي ڪيو.



## ايس ايس جي سي پاران گيس چورن خلاف سخت ڪاروايون



ڪاٽيندي چوري ۾ استعمال ٿيندڙ سامان پنهنجي تحويل ۾ وٺي ڇڏيو جڏهن ته کين اها هدايت به ڪئي وئي ته هو پنهنجو ڪاروبار هلائڻ لاءِ RLNG لاءِ درخواستون ڏين. CGTO ٽيمر ڪمپني جي CRD آف آر سيل ۽ ايس ايس جي سي پوليس سان گڏجي ٽن سي اين جي اسٽيشنز تي ڇاپا هنيا ويا جيڪي ڪمپني جي بندش جي هدايت باوجود پنهنجي سي اين جي اسٽيشن هلائي رهيا هئا. ٽيمر سچل اسٽيشن مورو، مصطفيٰ سي اين جي اسٽيشن مورو ۽ عوامي سي اين جي اسٽيشن قاضي احمد تي 48 ڪلاڪن لاءِ سيل ڪري ڇڏيو ۽ سندن مالڪن کي سختي سان تنبيهه ڪئي ته جيڪڏهن انهن اهو غير قانوني ڪم جاري رکيو ته ان مدي ۾ هفتن ۽ مهينن تائين اضافو به ڪري سگهجي ٿو جڏهن ته ان کانسواءِ ان ۾ ملوث ماڻهو گئس (ٽيٽي ۽ ريڪوري ايڪٽ) 2016ع مطابق سخت سزا جا مستحق هوندا. ●

ڪري رهيا هئا. ايس ايس جي سي جي ٽيمر سروس لائين ڪاٽي ندي کين چيو ته هو پنهنجي يونٽ کي هلائڻ لاءِ RNLG لاءِ درخواست ڏين. ٻين آپريشن دوران لياري جي علائقي ۾ هڪ ٿريڊ ڊائيننگ فيڪٽري، ٽن هوٽلن ۽ هڪ وڏي بيڪري تي ڇاپا هنيا ويا جتي واقعن ۾ ملوث ماڻهو ڪمرشل مقصدن لاءِ گئس سڌو سنئون گهريلو ڪنيڪشن مان استعمال ڪري رهيا هئا. ڪنٽرول گئس ٽيٽي آپريشنز (CGTO) ٽيمر گئس جا ڪنيڪشن ڪاٽي ڇڏيا، جڏهن ته ملوث ماڻهن خلاف استعمال ڪيل گئس جي حوالي سان ڪليمرز داخل ڪيا ويا. هوڏانهن ڪوٽڙي ۾ هڪ بئي CGTO ٽيمر پاران ڇاپا مار ڪارروايون ڪيوڻ ويون جن ۾ هڪ پلاسٽڪ فيڪٽري ۽ روڊ جي ڪناري واقع سچل، بسمر الال ۽ جهولي لعل هوٽل شامل آهن. ڪجهه صارفين گهريلو ڪنيڪشنز کي ڪمرشل مقصدن لاءِ استعمال ڪري رهيا هئا، جن جا ڪنيڪشن

سوئي سدرن پنهنجي فرنچائيز علائقن ۾ گئس چوري خلاف آپريشنز جي شدت ۾ اضافو ڪري ڇڏيو آهي. ايس ايس جي سي جي گئس چوري خلاف آپريشنز ٽيمر ڪيترن ئي ڪمرشل يونٽس سان گڏوگڏ هڪ گارمينٽ فيڪٽري پڻ ايمبرائڊري يونٽس ۽ اورنگي ٽائون ۾ واقع هڪ پاور هائوس تي ڇاپا مار ڪارروايون ڪيون. انهن سمورن ڪيسن ۾ جوابدار گهريلو ڪنيڪشن کي ڪمرشل مقصدن لاءِ استعمال ڪندي ڏنا ويا، غير قانوني طور تي استعمال ٿيندڙ لوڊ CFT/1325 hr/ هو ملوث ماڻهن خلاف ڪليمرز داخل ڪيا ويا آهن. ان سان گڏوگڏ لاڙڪاڻي سميت سنڌ جي ٻين شهرن ۾ به ڇاپا هنيا ويا.

ان کان اڳ انهي ٽيمر ايس ايس جي سي پوليس فورس سان گڏ ڪلفٽن ۾ واقع ايس او ايس بار نالي ريسٽورينٽ تي به ڇاپو هنيو جتي ملوث ماڻهو گئس سڌو سنئون هڪ گهريلو ڪنيڪشن مان رڙ جي پائپ استعمال ڪندي گئس چوري

## بلوچستان ۽ سنڌ ۾ اڳل پي جي ائرمڪس پلانٽس تڳ هلندڙ ڪم ٿرت مڪمل ڪيو وڃي؛ مملڪتي وزير چار ڪمال خان



گئس جي فراهمي پائپ لائين ذريعي ممڪن نه هئي، وڌيڪ 30 ايل پي جي ائرمڪس پلانٽس کي لڳائڻ جي حوالي سان جمع ڪرايل سمري منظور ڪئي هئي. وزارت توانائي پيٽروليم ڊويزن ايس ايس جي سي کي بلوچستان ۾ ايل پي جي پلانٽس لڳائڻ لاءِ ذميواري ڏني هئي. ان ذميواري جو سبب گئس بيوٽلٽي جو وسيع تجربو، انرجي انفراسٽرڪچر ڊولپمينٽ جي شعبي ۾ مهارت ۽ گذريل سالن ۾ تسليم ٿيل ٽريڪ رڪارڊ هو. گڏيل ڪوششن جي ڪري بلوچستان جي مختلف هنڌن تي اڳواٽ ايل پي جي ائرمڪس پروجيڪٽس جي شروعات ٿي چڪي آهي جڏهن ته آوران ۾ (1 اير ايف ڊي) جي گنجائش رکندڙ ايل پي جي ائرمڪس پلانٽ مڪمل ٿيڻ واري مرحلي ۾ آهي. هتي اها ڳالهه ڌيان طلب آهي ته 2013ع ۾ پاڪستان توانائي جي بدترين بحران کي منهن ڏئي رهيو هئو، جنهن جي نتيجي ۾ پاڪستان جي معيشت ڪمزور ٿي. حڪومت گئس جي گهرج ۽ رسائي جي وچ ۾ فرق جي ان وڏي چئلينج کي قبول ڪندي تيزي سان ڪيترن ئي ترقياتي اسڪيمون شروع ڪيون. انهن اسڪيمن جو بنيادي مقصد بلوچستان ۾ ترقي ۽ خوشحالي آڻڻ آهي ۽ انهن اسڪيمن ۾ قابل ذڪر ايل اين جي ايل پي جا ائرمڪس پلانٽس آهن. ●

توانائي ۽ پيٽروليم ڊويزن جي مملڪتي وزير چار ڪمال خان بلوچستان جي عوام جي بهتري لاءِ ايل پي جي ائرمڪس پلانٽس لڳائڻ واري ڪم کي تيز ڪرڻ تي زور ڏنو آهي. هن بلوچستان ۾ ايل پي جي ائرمڪس پروجيڪٽس لڳائڻ ۽ ڪميشننگ جي معاملن تي اسلام آباد ۾ منعقد اجلاس ۾ پنهنجن خيالن جو اظهار ڪندي چيو ته حڪومت بلوچستان جي ڏورانهن علائقن ۾ جتي قدرتي گئس منتقل ۽ پهچائي نه ٿو سگهجي، اتي فاسٽ ٽريڪ جي بنياد تي ايل پي جي ائرمڪس پلانٽس لڳائڻ لاءِ پرعزم آهيون. اجلاس ۾ سيد توقير حسين شاھ، جوائنٽ سيڪريٽري وزارت توانائي، شاھد يوسف، ڊائريڪٽر جنرل (ليڪوفائيب گئس) وزارت توانائي ۽ ايس ايس جي سي جي پروجيڪٽ ڊائريڪٽر (ليڪوفائيب گئس) عاصم ترمذي شرڪت ڪئي. ماضي ۾ ايس ايس جي سي پاران بلوچستان ۾ ايل پي جي ائرمڪس پلانٽس لڳايا ويا هئا، جنهن ۾ گوادر (گنجائش 1 اير ايم سي ايف ڊي)، نوشڪي ۽ سراب (گنجائش 2 اير ايم سي ايف ڊي) ۽ سنڌ ۾ ڪوٽ غلام محمد (گنجائش 2 اير ايم سي ايف ڊي) شامل هئا. 2016ع ۾ ايڪنامڪ ڪوآرڊينيشن (اي سي سي) توانائي واري وزارت (پيٽروليم ڊويزن) طرفان سنڌ ۽ بلوچستان جي ڏورانهن علائقن ۾ جتي

# دعا

خدا تیرا دامن پھولوں سے بھر دے  
خوشیوں کو تیری غلامی میں کر دے

اندھیرا نہ چھائے کبھی زندگی میں  
نہ ہو شام جس کی وہ ایسی سحر دے

دعا میں تمھاری کبھی بھی نہ رد ہوں  
ذباں میں خدا کچھ ایسا اثر دے

رہو عافیت سے جہاں بھی رہو تم  
خدا دو جہانوں میں ایسا نگر دے

ہوا بھی گرم تم کو چھونے نہ پائے  
خدا اپنی رحمت سے ایسا بردے

ثانی! یہ دل سے دعا دے رہا ہے  
خدا اب مکمل تم کو اک گھر دے

افتخار ثانی!  
سروسز ڈیپارٹمنٹ ہیڈ آفس

## آپریشن گرفت: سوئی سدرن گیس کی سی جی ٹی اوٹیموں کے تجارتی یونٹوں اور سی این جی اسٹیشنوں پر چھاپے



درخواست دیں۔

سی جی ٹی اوٹیم نے کمپنی کے کسٹمر ریلیشن ڈیپارٹمنٹ، ایف آئی آر سیل اور ایس ایس جی سی پولیس کے ساتھ مل کر تین سی این جی اسٹیشنز پر بھی چھاپے مارے جو کمپنی کی طرف سے بندش کی ہدایات کے باوجود اپنے کاروبار کو جاری رکھے ہوئے تھے۔

ٹیم نے پچھلے اسٹیشن مورہ، مصطفیٰ سی این جی اسٹیشن مورہ اور عوامی سی این جی اسٹیشن قاضی احمد کو 48 گھنٹے کے لیے سیل کر دیا اور ان کے ماکان کو سخت تنبیہ کی کہ اگر انہوں نے یہ غیر قانونی کام جاری رکھا تو اس کی بندش کی مدت میں مزید اضافہ بھی کیا جاسکتا ہے اور اس کے علاوہ ملوث افراد کیس تھیف اور ریکوری ایکٹ 2016 کے مطابق سخت سزا کے مستحق ہوں گے۔ تمام سی این جی اسٹیشنز پر کڑی نظر رکھی جارہی ہے کہ ان کے ماکان نے کمپنی کی جانب سے بندش کی ہدایات جاری ہونے کے باوجود اپنے اسٹیشنز کھولے تو نہیں ہیں۔

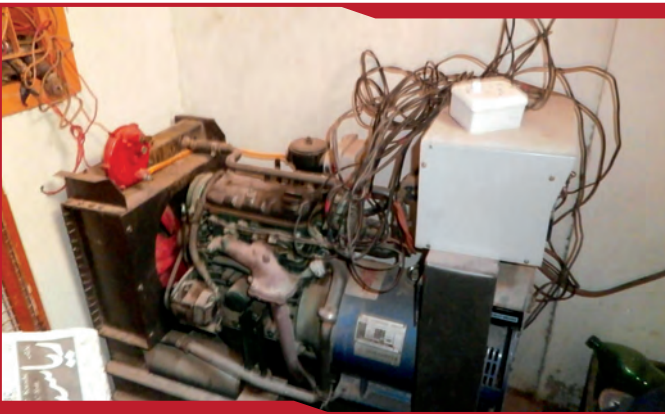
کاروباری یونٹ کو مشورہ دیا کہ وہ اپنے یونٹ کو چلانے کے لیے آرائل این جی کے لیے درخواست دیں۔

دیگر کارروائیوں کے دوران لیاری کے علاقے میں ایک تھریڈ ڈائینگ فیکٹری، تین ہوٹل اور ایک بڑی بیکری پر چھاپے مارے گئے جہاں واقعات میں ملوث افراد کمرشل مقاصد کے لیے گھریلو کنکشن سے گیس براہ راست استعمال کر رہے تھے۔ کنٹرول گیس تھیف آپریشنز (CGTO) ٹیم نے گیس کے کنکشن منقطع کر دیے جبکہ ملوث افراد کے خلاف استعمال کی گئی گیس کے حوالے سے کلیمز بھی داخل کر دیے گئے۔

اسی دوران کوٹری میں ایک اور CGTO ٹیم نے چار چھاپے مار کاروائیاں سرانجام دیں جن میں ایک پلاسٹک فیکٹری اور شاہراہ پر واقع سبیل، بسم اللہ اور جھولے لعل ہوٹل شامل ہیں، جہاں ملوث افراد گھریلو کنکشن کو کمرشل مقاصد کے لیے استعمال کر رہے تھے۔ کمپنی کی چھاپے مار ٹیم کی جانب سے کاروبار کے ماکان سے موقع پر کہہ دیا گیا کہ وہ آرائل این جی کے لیے

ماہ فروری 2018 میں ایس ایس جی سی نے اپنے فرنیچر علاقوں میں گیس کی چوری کے خلاف کارروائیوں کی شدت میں اضافہ کر دیا۔ ایس ایس جی سی کی گیس چوری کے خلاف آپریشنز کی ٹیم نے کئی کمرشل یونٹس بشمول ایک گارمنٹ فیکٹری، دو ایئر انڈری ورک یونٹس اور اورنگی ٹاؤن میں واقع ایک پاور ہاؤس پر چھاپے مار کارروائیاں کیں۔ ان تمام معاملات میں ملزمان گھریلو کنکشن کو کمرشل مقاصد کے لیے استعمال کر رہے تھے جہاں غیر قانونی طور پر استعمال کیا جانے والا لوڈ 1,325 کیوبک فٹ فی گھنٹہ تھا۔ ملوث افراد کے خلاف کلیمز داخل کر دیئے گئے ہیں۔ لاڈکانہ سمیت سندھ کے دیگر علاقوں میں بھی چھاپے مارے گئے۔

اس سے قبل، اسی ٹیم نے ایس ایس جی سی پولیس فورس کے ساتھ کنکشن میں واقع ایس او ایس بارنامی ریسٹورنٹ پر بھی چھاپے مارا جہاں ملوث افراد ایک گھریلو کنکشن سے گیس براہ راست ریز کے پائپ کی مدد سے حاصل کر رہے تھے۔ ایس ایس جی سی کی ٹیم نے سروس لائن منقطع کر دی اور



## بلوچستان میں ایل پی جی ایئرکس پلانٹس کے کام میں تیزی لائی جائے: وزیر مملکت جام کمال خان



میں تسلیم شدہ اس کا ٹریک ریکارڈ تھا۔ اس باہمی کاوش کی بدولت بلوچستان کے مختلف مقامات پر پہلے ہی ایل پی جی ایئرکس پروجیکٹس کا آغاز ہو چکا ہے اور آواران میں (1 ایم ایم سی ایف ڈی) کا ایل پی جی ایئرکس پلانٹ تکمیل کے آخری مراحل میں ہے۔

یہاں یہ امر توجہ طلب ہے کہ 2013 میں پاکستان کو توانائی کے بدترین بحران کا سامنا تھا جس کے نتیجے میں پاکستان کی معیشت تنزلی کا شکار ہوئی۔ حکومت نے گیس کی طلب اور سردی کے درمیان فرق کے اس بڑے چیلنج کو قبول کرتے ہوئے تیزی سے بشمول توانائی کی گنجائش بڑھانے کی اسکیمز متعدد ترقیاتی اسکیموں کو شروع کیا۔ ان اسکیموں کا بنیادی مقصد صوبہ بلوچستان میں ترقی اور خوشحالی لانا ہے اور ان اسکیمز میں قابل ذکر منصوبے ایل این جی اور ایل پی جی ایئرکس پلانٹس ہیں۔

مکس پلانٹس نصب کئے تھے جن میں گوادر (گنجائش 11 ایم ایم سی ایف ڈی)، نوشہی اور سراب (گنجائش 12 ایم ایم سی ایف ڈی) اور سندھ میں کوٹ غلام محمد (گنجائش 12 ایم ایم سی ایف ڈی) شامل تھے۔ 2016 میں اکناک کوآرڈینیشن کمیٹی (ECC) نے وزارت توانائی (پیٹرولیم ڈویژن) کی جانب سے سندھ اور بلوچستان کے دور دراز علاقوں میں جہاں قدرتی گیس کی فراہمی بذریعہ پائپ لائن سازگار نہیں تھی مزید 30 ایل پی جی ایئرکس پلانٹس کی تنصیب کے حوالے سے جمع کروائی گئی سری کو منظور کیا تھا۔ وزارت توانائی (پیٹرولیم ڈویژن) نے ایس ایس جی سی کو بلوچستان میں اس مقصد کے حصول کے لئے ذمہ داری سونپی۔

اس اہم ذمہ داری کو سونپنے جانے کا سبب اس گیس ٹیٹیلی کا وسیع تجربہ، انرجی انفراسٹرکچر ڈیولپمنٹ کے شعبہ میں مہارت اور گزشتہ سالوں

وزیر مملکت برائے توانائی (پیٹرولیم ڈویژن) جام کمال خان نے بلوچستان کے عوام کی بہتری کے لئے ایل پی جی ایئرکس پلانٹس کی تنصیب کے کام کو تیز کرنے پر زور دیا ہے۔ انہوں نے بلوچستان میں ایل پی جی ایئرکس پروجیکٹس کی تنصیب اور کیمپنگ کے معاملات پر اسلام آباد میں منعقدہ اجلاس میں اپنے خیالات کا اظہار کیا۔ اس اجلاس میں سید توقیر حسین، جوائنٹ سیکریٹری (وزارت توانائی)، شاہد یوسف، ڈائریکٹر جنرل (لیکویفائیڈ گیس۔ وزارت توانائی) اور ایس ایس جی سی کے پروجیکٹ ڈائریکٹر (لیکویفائیڈ گیس) عاصم ترمزی نے شرکت کی۔ وزیر مملکت نے کہا کہ حکومت بلوچستان کے ان دور دراز علاقوں میں جہاں قدرتی گیس کی منتقلی اوتھیل نہیں کی جاسکتی وہاں ایل پی جی ایئرکس پلانٹ لگانے کے لئے پرعزم ہے

ماضی میں ایس ایس جی سی نے بلوچستان کے علاقوں میں ایل پی جی ایئر







سوئی سدرن گیس کی جانب سے ایس جی ایم (یو ایف جی) عرفان ظفر، سی جی ٹی او کے ڈائریکٹر جنرل، بریگیڈیئر (ریٹائرڈ) محمد ایوز اور ڈی جی ایم (ڈی سینٹرل) ندیم قیوم اور کمپنی سیکریٹری شعیب احمد شریک ہوئے۔ ڈی ای یو ٹی کے پروفیسر انجینئر سلیم احمد مغل نے جو کہ اس ورکشاپ کے رسورس پرسن بھی تھے مہمانوں کا استقبال کیا۔

پروگرام کے اختتام پر ایس ایس جی کے چیئرمین اور ایکننگ ایم ڈی کو یونیورسٹی کے وائس چانسلر نے یادگاری شیلڈ پیش کیں جبکہ ان دونوں مہمانوں نے اس ورکشاپ کے شرکاء کو سرٹیفکیٹ بھی دیئے۔

امین راجپوت ایکننگ ایم ڈی ایس ایس جی نے یو ایف جی کو ایک عنقریب قرار دیا اور کہا کہ وہیں علاقوں سے شہری علاقوں کی طرف آبادی کی منتقلی کے تیز رجحان اور ڈسٹری بیوشن نیٹورک میں اضافہ یو ایف جی کے بڑھنے کا سبب ہیں۔ انہوں نے کہا کہ ایس ایس جی نے اپنے سرولٹینس اور مائٹرنگ ڈپارٹمنٹ کو بہتر انداز میں کنٹرول گیس تھیفٹ آپریشنز (سی جی ٹی او) ڈپارٹمنٹ کی شکل میں اسرٹو تشکیل دیا ہے جو یو ایف جی کے بڑے سبب یعنی گیس چوری کے خلاف نتیجہ خیز انداز میں اور موثر طور پر خصوصی توجہ کے ساتھ سرگرم عمل ہے۔ یو ایف جی کا مسئلہ گیس یوٹیلیٹی کمپنیوں تک محدود نہیں ہے بلکہ پاور سیکٹر کمپنیوں کو بھی ٹی اینڈ ڈی لاسز درپیش ہیں۔

ڈاکٹر فیض اللہ عباسی نے اس ورکشاپ میں ایس ایس جی کی انتظامیہ کی شمولیت پر شکریہ ادا کیا۔ انہوں نے یونیورسٹی کے انجینئروں کی کاوشوں کو سراہا جنہوں نے یو ایف جی کو شکست دینے کیلئے اپنی کاوشیں کی ہیں جن میں پریشر پروفاٹیلنگ، سسٹم آپٹیمائزیشن اور ری ٹیلیٹیوشن ورکس شامل ہیں۔

ڈاکٹر عباسی نے کہا کہ تاریخ میں یہ پہلی دفعہ ہوا ہے کہ ڈی ای یو ٹی میں کیتھوڈک پریکٹیشن، ڈسٹری بیوشن اور گیس میزمنٹ جیسے پروگرام شروع کئے جا رہے ہیں اور انہیں امید ہے کہ گیس یوٹیلیٹی کمپنیاں بشمول ایس ایس جی سی داؤد یونیورسٹی کو اس کے ریسرچ ورک کیلئے ضروری مواد فراہم کریں گی تاکہ وہ اپنے تحقیقاتی کاموں میں مزید آگے بڑھ سکے۔



# شرح یو ایف جی کو کم کرنے کیلئے تحقیق پر مبنی کاوشوں کی ضرورت ہے۔ چیئر مین ایس ایس جی سی



چیئر مین ایف جی سی کے چیئر مین لیٹینٹ جنرل (ریٹائرڈ) جاوید ضیاء نے مزید کہا کہ سوئی سدرن گیس ڈی یو ای ٹی کی جانب سے پیش کی گئی کسی بھی تجویز کا خیر مقدم کرے گی۔

چیئر مین ایس ایس جی سی لیٹینٹ جنرل (ریٹائرڈ) جاوید ضیاء نے اس ورکشاپ میں یو ایف جی کے مسئلے کو خصوصی اہمیت دینے پر واٹس چانسلر ڈی یو ای ٹی ڈاکٹر فیض اللہ عباسی اور ان کی ٹیم کو سراہا۔

انہوں نے یو ایف جی کے نقصانات کی مقدار کے تعین کی ضرورت پر زور دیا تاکہ وجوہات کا بہتر طور پر تجزیہ کیا جاسکے اور ان کا بہتر طور پر سدباب کیا جاسکے۔

کرتے ہوئے کہا۔

اس ورکشاپ میں یونیورسٹی کے گریجویٹس اوریگنر طلبہ نے کثیر تعداد میں شرکت کی۔ انہوں نے یو ایف جی کے مختلف پہلوؤں پر اپنے مقالے بھی پیش کئے۔

ایس ایس جی سی کے چیئر مین نے مزید کہا کہ پاکستان کی تقدیر کو سنوارنے میں ملک کی نوجوان نسل کی کاوشیں کلیدی کردار ادا کر سکتی ہیں اور انہوں نے اس بات پر بھی زور دیا کہ یو ایف جی سے نبتنے کے لئے ایس ایس جی سی اور ڈی یو ای ٹی کے مابین تحقیق پر مبنی تعلق کو فروغ دینا چاہیے۔

ایس ایس جی سی کے چیئر مین لیٹینٹ جنرل (ریٹائرڈ) جاوید ضیاء نے کہا ہے کہ گیس کمپنی میں غیر بینا ش شدہ گیس کی مقدار Unaccounted for Gas (یو ایف جی) یا لائین لاسز بہت بڑا مسئلہ ہے۔ سوئی سدرن کو طویل عرصہ سے اس عفریت کا سامنا ہے جو نہ صرف کمپنی کے مالی نقصانات کا سبب ہے بلکہ پاکستان کی معیشت کو بھی بُری طرح متاثر کر رہا ہے۔ ان خیالات کا اظہار انہوں نے داؤد یونیورسٹی آف انجینئرنگ اینڈ ٹیکنالوجی (DUET) کے زیر اہتمام 'یو ایف جی کے مسئلہ سے نمٹنا' سے خطاب کے موضوع پر منعقدہ ایک ورکشاپ میں بحیثیت مہمان خصوصی خطاب



# ذوقِ فلیپ

فروری ۲۰۱۸

## فہرست

- ۲۔ شرح یو ایف جی کو کم کرنے کیلئے تحقیق پر مبنی کاوشوں کی ضرورت ہے۔ چیئرمین ایس ایس جی سی
- ۴۔ بلوچستان میں ایل پی جی ایئر مکس پلانٹس کے کام میں تیزی لائی جائے: وزیر مملکت جام کمال خان
- ۵۔ آپریشن گرفت: سوئی سدرن گیس کی سی جی ٹی او ٹیموں کے تجارتی یونٹوں اور سی این جی اسٹیشنوں پر چھاپے

## ایڈیٹر کے قلم سے

محترم قارئین کرام!

ماہ فروری کے آغاز ہی سے ہم سال 2018 سے اچھی طرح وابستہ ہو گئے ہیں۔ کمپنی کے تمام ڈیپارٹمنٹس اپنے روزمرہ کے کاموں کے ساتھ ساتھ اپنے ٹارگیٹس کی تکمیل میں بھی مصروف ہو گئے ہیں۔ ایپلایز اپنی سالانہ بہتر کارکردگی کی رینٹنگ حاصل کرنے کے لئے، کی پرفارمنس انڈیکسز (KPIs) کو مکمل کرنے کی تگ و دو میں مصروف نظر آ رہے ہیں۔ کمپنی مشکل وقت سے گزر رہی ہے اور اسے مشکلات سے نکالنے اور اس کے استحکام کے لئے ضروری ہے کہ کمپنی کا ہر ملازم اس کے لئے اپنا مثبت کردار ادا کرے۔ یو ایف جی جیسے معززیت سے نپٹنے کے حوالے سے داؤد یونیورسٹی آف انجینئرنگ (ڈی یو ای ٹی) نے کچھ دن پہلے ایک موثر ورکشاپ منعقد کی تھی۔ اس ورکشاپ کے حوالے سے ماہ فروری میں یونیورسٹی میں شوقیت ڈسٹری بیوشن کی تقریب کا انعقاد کیا گیا جس کے مہمان خصوصی چیئرمین ایس ایس جی سی ایف ٹینٹ جنرل (ریٹائرڈ) جاوید ضیاء تھے۔ ان کے نزدیک یہ امر نہایت خوش کن اور متاثر کن تھا۔ انہوں نے اس یونیورسٹی کے طلباء کے یو ایف جی پر تحقیقی کام کو بے حد سراہا اور امید ظاہر کی کہ دو اداروں کے درمیان تعلق سے اس عفریت سے بچاؤ میں خاطر خواہ مدد ملے گی۔ دوسری جانب، سوئی سدرن گیس بلوچستان میں پورے جذبے کے ساتھ ایل پی جی ایئر مکس پلانٹس کی تعمیر و تھیب میں تین دی کے ساتھ مشغول ہے تاکہ اس صوبے کے باشندوں کو گیس کی سہولت حاصل ہو سکے اور کامیاب زندگی باندھ ہو سکے۔ اس سلسلے میں وزیر مملکت برائے پیٹرولیم ڈویژن جام کمال خان نے حال ہی میں ایس ایس جی سی کی انتظامیہ سے ملاقات کی اور ان پلانٹس کی جلد سے جلد تھیب پر زور دیا۔

**یاد دہانی!** آپ کا اپنی کمپنی کے اس میگزین میں دل چسپی لینے کا عمل اس کی آئندہ شاعوتوں کو بہتر بنائے گا۔ اس خیال کے پیش نظر، ہم آپ کی آراء کے منتظر ہیں گے۔

شکریہ

## ادارتی ٹیم (اردو اور سندھی)

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اپنی آراء ہمیں اس پتے پر ارسال کریں

سوئی سدرن گیس کمپنی لمیٹڈ

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# سولہ

سوئی سدرن گیس کمپنی کا اندرونی جریدہ



بلوچستان میں ایل پی جی ایئرکس پلانٹس  
کے کام میں تیزی لائی جائے

آپریشن گرفت: سی این جی  
اسٹیشنوں پر چھاپے

یو ایف  
جی

کے خاتمے کے لئے داؤد انجینئرنگ  
یونیورسٹی کی قابل قدر کوشش