

# The FLAME

energy of SSGC





# GAS BILL CALCULATION MADE SIMPLE

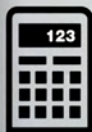
STEP #1



## READING GAS METER

Digits in black represent current meter reading in cubic meters (CM / m3)  
e.g.: **Monthly consumed units** = Current Reading (05595) minus Previous Reading (05520) = 75 CMs

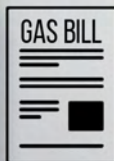
STEP #2



## CONVERSION OF CM INTO MMBTU

If Gas Calorific Value (GCV) given in the bill is 990, then, as per **Gas Charges Calculation Formula**  
 $MMBTU = CM/28.17385 \times 990/1000$   
In this case:  $75/28.17385 \times 990/1000 = 2.6354$  MMBTU

STEP #3



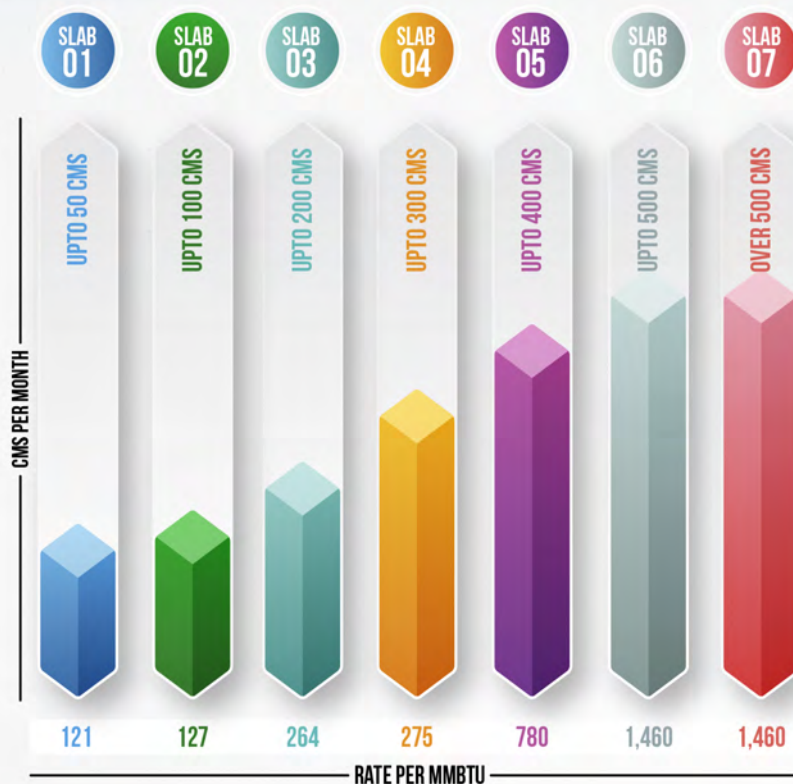
## BILL CALCULATION

**Gas Charges (Rs.)** = Consumed Gas (MMBTU) x Applicable Slab Rate (Rs./MMBTU)  
e.g.:  $2.6354 \times Rs. 127 = Rs. 334.70$

**Bill** = Gas Charges + Meter Rent\* + GST\*\*

e.g.:  $Rs. 334.70 + Rs. 20.00 + Rs.60.30 = Rs. 415.00$

\*Meter Rent = Rs. 20 per month (30 Days) \*\*GST=17%





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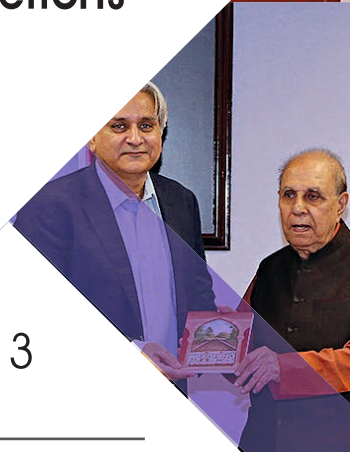


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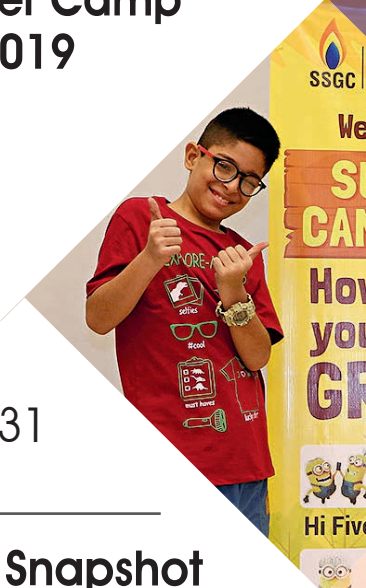
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## Message from the Managing Director

Dear colleagues,

**A**fter the blessed month of Ramadan and Eid festivities, our pre-Ramadan routine returns. The new fiscal year will soon begin too. These months are also significant since they give every executive a chance to review the Key performance Indicators (KPIs) for the previous fiscal year while finalizing smart and measurable KPIs for the new fiscal year.

UFG reduction will be an important part of many departments' KPIs for next year too. Let this be very clear that our uphill task to control UFG should not just be restricted to only concerned departments. I am glad, however, that every single person in this Company realizes this issue and directly or indirectly is playing a part in controlling this menace. From an engineer in the field mobilizing his workers to rehabilitate a pipeline to an in-house instructor creating basic awareness about UFG-related issues, every one of us is geared towards overcoming this challenge head-on. Bringing down UFG must always be a concerted effort and 2019-20 should be a year to further intensify our efforts to clamp down on gas theft and leakages, two of the primary reasons for rising UFG levels.

All the very best,

**Mohammad Wasim**





## An all-out effort

Dear readers,

**T**he Special Assistant to the Prime Minister on Petroleum recently visited SSGC for wide ranging talks with its senior management. The SA reviewed the progress on anti-gas theft numbers and UFG-reduction front. Mr. Babar termed his review meeting with SSGC management as extremely productive. He reiterated that percentage-wise UFG will eventually show a marked decrease slowly yet surely due to the persistent efforts of the Government and the gas utilities in curbing gas theft, just like the success earned in the area of power theft.

This June at the Pakistan Oil and Gas Conference (POGEE), SSGC set up a creatively designed booth that captured the efforts the Company is making in the area of gas theft. Right from identifying the theft to prosecuting the criminal, the booth was a veritable study of the Operation Grift, the anti-gas theft campaign being relentlessly pursued by SSGC. For our efforts in showcasing gas theft drive, SSGC was conferred with the Best Booth Award. Meanwhile the Company's winning streak on the HSE & QA front continued when it recently won the 16th Annual Environment Excellence Award 2019. Thumbs up to the Department for this superlative achievement.

Happy reading

Ed

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# POGEE - SSGC showcases its anti-gas theft efforts



**S**SGC made a strong presence at the 17th Pakistan Oil and Gas Conference (POGEE) held at the Karachi Expo Centre from 20-22 June 2019. This premier energy exhibition is organised every year by Pegasus Consultancy in which leading oil and gas energy companies participate.

The Company had erected an aesthetically designed booth that showcased its gas theft control efforts and their outcomes in the

form of arrests of theft miscreants and their prosecution via the Security Services and Counter Gas Theft Operations Department.

The SSGC enclosure won the 'Best Booth Award' at the mega event which was the manifestation of the hard work and ingenuity displayed by the Company's Corporate Communication Department in designing it.

SSGC was represented at the 3-day conference-cum-exhibition by Shahbaz

Islam, Head of Corporate Communications, Salman A. Siddiqui, Dy. General Manager and Syed Imran Ahmed, Chief Manager along with team CCD.

The SSGC representatives networked with the delegates from local and international oil and gas sector and detailed them with some of the transmission, distribution and counter gas theft operations the Company has been undertaking. 🟡







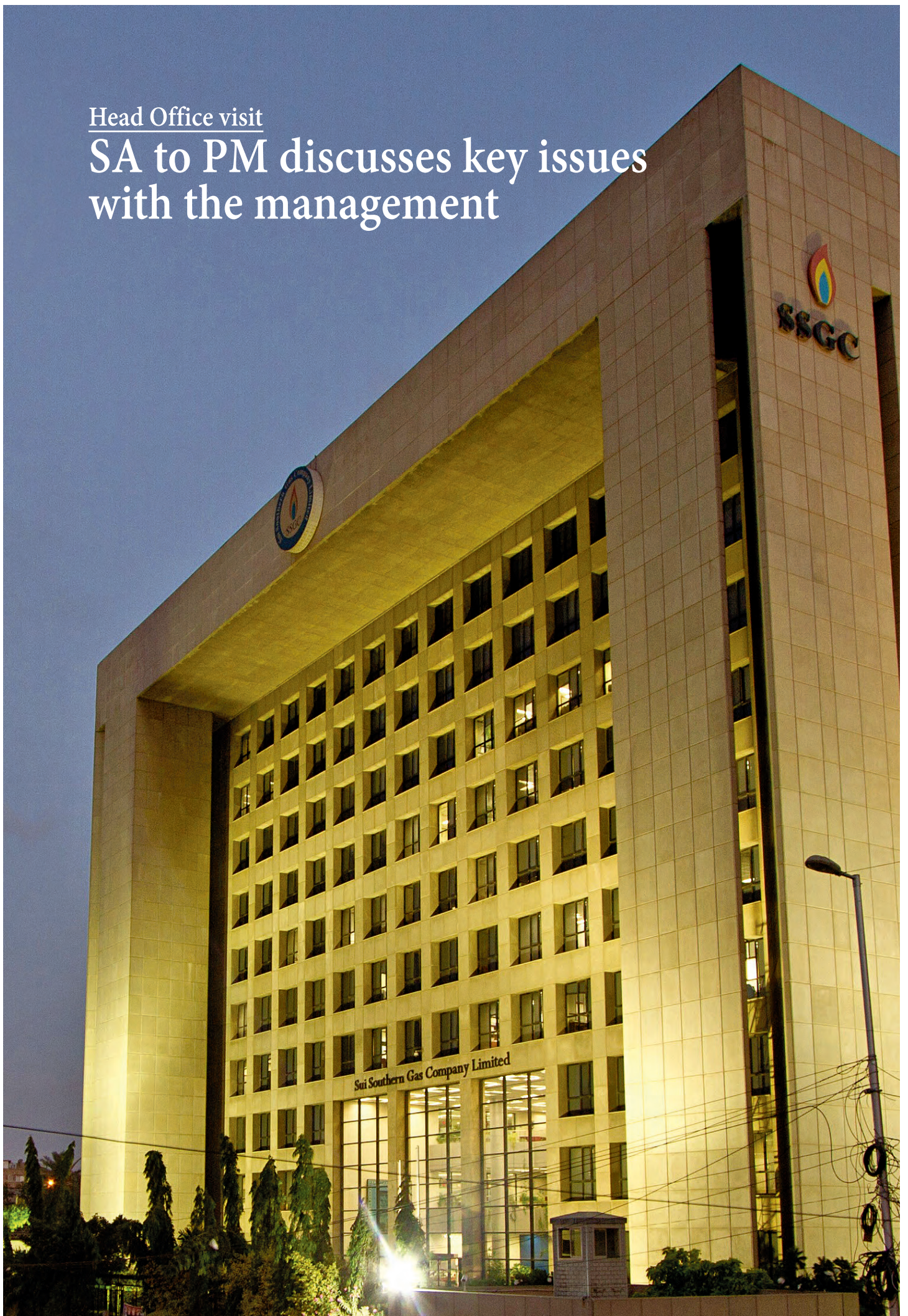
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Head Office visit

# SA to PM discusses key issues with the management







**N**adeem Babar, Special Assistant to the Prime Minister of Pakistan on Petroleum held wide ranging talks with the SSGC management on the menace of gas theft and the measures the Government of Pakistan and the gas utility are taking to control it.

The Special Assistant said that in April 2019, SSGC and SNGPL formulated a campaign to control gas theft with the Ministry of Energy (Petroleum Division) and his meeting with the SSGC management at the Company Head Office was primarily to review the progress on anti-gas theft numbers and UFG-reduction front. While talking to the media after the meeting, Mr. Babar termed his review meeting with SSGC management as extremely productive. The Special Assistant said that Prime Minister Imran Khan

recently tweeted that since mid-April 2019, the campaign against gas theft had traced and disconnected over 18,000 illegal connections, with a monetary value of over Rs 2.3 billion. Mr. Babar said that percentage-wise UFG will eventually show a marked decrease slowly yet surely due to the persistent efforts of the Government and the gas utilities in curbing gas theft, just like the success earned in the area of power theft.

The Special Assistant said that he has directed SSGC to soon publish details of large customers involved in gas theft on its web site so that further deterrence can be created.

In his remarks, Mohammad Wasim, Acting MD, SSGC said that the Government is standing shoulder to shoulder with SSGC in the joint mission to control gas theft and this

campaign aimed at cracking down on gas theft miscreants will further intensify in the coming days and months.

Speaking on the subject of gas leakages, the Special Assistant reiterated that the leakage is due to old, worn out pipelines and the Government and SSGC in this regard are chalking out a plan to rehabilitate the dilapidated lines by setting targets and timelines. Mr. Babar stressed that behind the scenes, the Government is working full throttle in controlling both gas theft and leakage and prolific results will soon start emerging.

Earlier, the SSGC management gave a well-rounded presentation on the overall Company operations, UFG numbers, meter plant operations and liquefied gases. ●







# GAS THIEVES, BEWARE...

Government of Pakistan's strong resolve to root out gas theft has breathed new life into **Operation Grift**, SSGC's anti-gas theft campaign. SSGC, by enforcing Gas (Theft and Recovery) Act 2016, has scored major prosecution successes. FIRs were lodged, culprits were tried in Gas Utility Courts and miscreants sent behind bars and fined heavily.

**1,370**

**RAIDS**

**127**

**FIRS  
LODGED**

Over **Rs. 1 Billion**

**CLAIMED**

## Gas Theft crimes involve:

Violation of Gas Sales Agreement (GSA)

Unauthorized enhancement of gas loads other than contracted for in GSA

Installation of suction booster in industrial units

Unauthorized use of more gas against that registered by the meter

Such crimes will lead to a maximum of 10-year prison term

**Remember:** If one breaks the law, the long arm of law will get the culprit.



To report gas theft  
**CALL: 1199**

Send brief and pics on  
**WHATSAPP 0323-8213346**  
**0322-8217576**  
Email: gas.theft.info@ssgc.com.pk




# CNG Association discusses supply issues

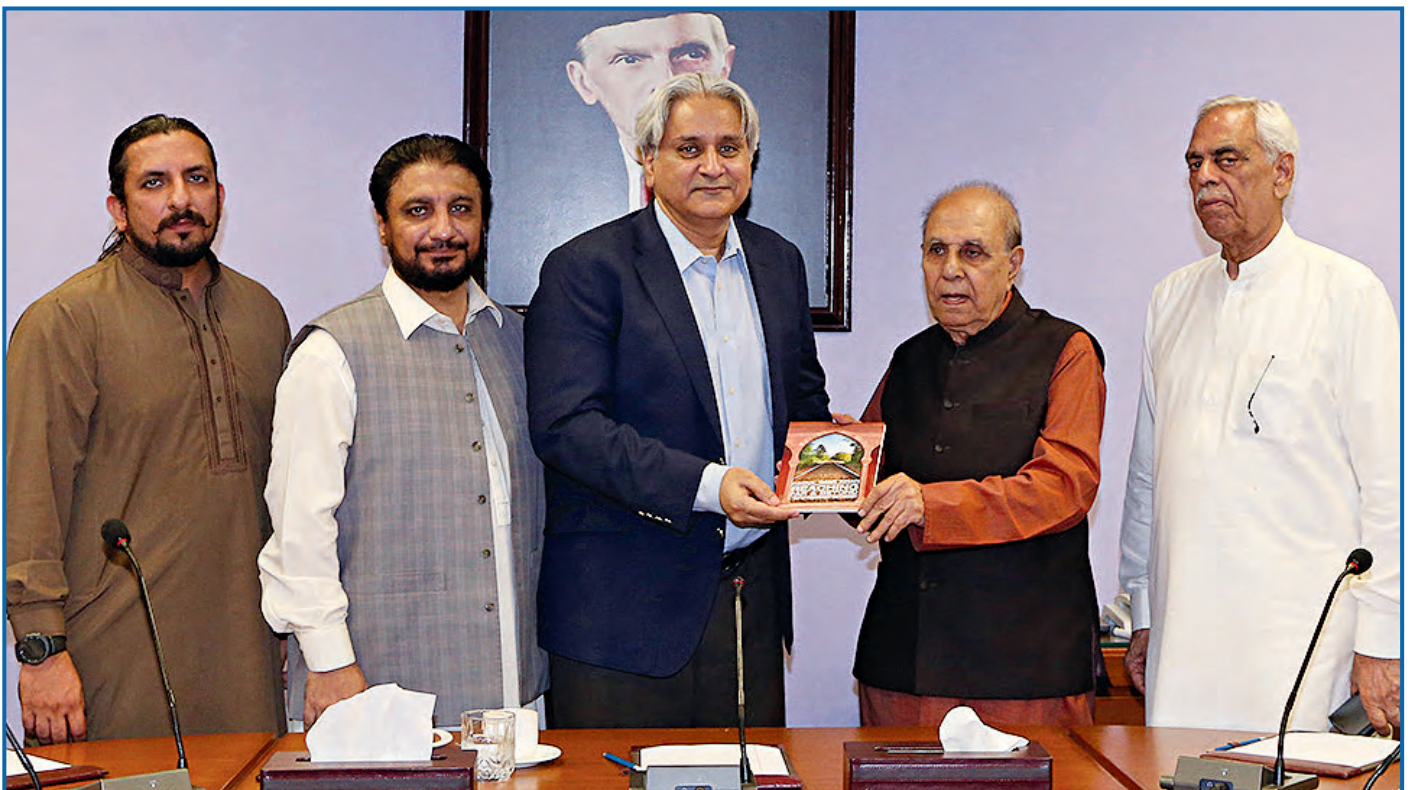


**A** delegation of CNG Station Owners Association of Pakistan led by Abdul Sami Khan held a meeting with the company management to discuss supply of

gas to the CNG stations.

The meeting was chaired by Mohammad Wasim, Acting Managing Director, SSGC. On

the occasion Mr. Khan also presented his biography to AMD SSGC. 







Creating  
awareness about  
Performance  
Management  
System (PMS)





The HR Department organized a seminar on Performance Management System (PMS). The session held on June 26, 2019 was conducted by Shahbaz Islam, GM (HR).

The purpose of the meeting was to create awareness in initiators and approvers with regard to the true spirit of the PMS within the organization and the related challenges and issues. The discussion was divided into two sessions. The first session was held for officers in the grade 7 cadre and above. During this

session, the GM (HR) dilated on the importance of PMS within the departments and the necessary procedures to be followed in order to create dedication and commitment in the staff.

Furthermore, he gave an overview on the strategic aspects of PMS and goals and objective setting.

The second session was conducted by Ali Imran, Manager HR in which designated HR Champions or focal persons of respective

departments of the company participated.

Mr. Imran emphasized on the execution and implementation of automated systems, the commitment required by heads to do transparent and unbiased evaluations and eventually the issues they face when evaluating their executives.

All in all, the sessions helped the heads to understand the significance of PMS and how it impacts the overall procedures of the company. 📌







# SUMMER CAMP

2019

A week full of learn  
and fun activities







**S** GCG organized Summer Camp 2019 from 1st to 5th July 2019. The event's focus was on learning and development of employees' children aged between 7 to 12 years.

Under the banner of HR Department's Organisational Development team, four different programs were designed to develop and improve social and cognitive skills of children.

The programs included Little Rainbow (Painting), Let's Learn (Creative writing),

Techno Kids (Basic Computing class) and Paigham (Story telling). For each program, specialized trainers were designated to ensure both fun and learning for the kids.

A parenting session was conducted by the guest speakers Tanzeel A. Rauf Patker and Uffaira Anis Saad.

They steered the last day of the event with their knowledge and expertise with the participants' parents.

Tanzeel A. Rauf Patker discussed how the

focus of parents should be on ilm and Tarbiyat instead of Taleem and Tarbiyat and explained the difference between these two.

Ms. Uffaira discussed health and nutrition issues of children and explained why parents should avoid frozen food options for their children.

The event concluded with the certificate distribution for the participating children, which motivated them tremendously. 🎉











SUMMER CAMP





One of the most effective skills you can have in life is powerful and effective time management. If you're not managing your time well, there's no way you're going to reach your goals at work and the life outside of it.

Sure, you might make some progress. But your time management will be an uphill battle if you don't take your time seriously.

For people who squander and waste the precious little time they do have, they know all too well how difficult achieving even mildly difficult goals can be.

If you're serious about achieving your goals, not only do you need to set those goals the right way, but you also have to get serious about avoiding distractions and becoming too immersed in the bad habits that you know you need to quit.

Time-wasters need to fall by the wayside, and serious grit-and-bear-it hard work needs to take its place.

The trick? Find a good time management system and work it. There are many. It's entirely up to you on which one to choose. But if you don't want to become part of the 92% of the people who fail to achieve their long-term goals, then you need pay attention to how you use the precious little time you do have in this world. One of the biggest problems that most executives have isn't just in how they can get enough done in such a demanding market, but also how they maintain some semblance of balance without feeling too overworked.

This isn't just about achieving and going after goals around the clock. This is also about quality of life.

Balance is key. If you lack balance in your life, you're going to feel stressed out. Even if you're able to effectively juggle your responsibilities, without proper balance you're going to eventually reach your breaking point.

So, it's important to not only follow a system that will help you get things done, but also one where you prioritize personal and family time. Don't forget to do things like take a walk in the park or just sit and listen to your favorite music with headphones on, or paint a picture.

## Manage time for enduring success

That's more important than you can think. Life is short. So don't ignore those things while you reach for your bigger goals. With that said, here are 15 crucial time management tips for getting the proverbial

job done.

### 1. Set goals the right way.

There's a right and wrong way to set goals. If you don't set your goals the right way, then you'll lack the proper targets, which will force you to fall off track. But when you set them the right way, the sky is the limit.

Use the SMART goal setting method to help you see things through. And when you do set those goals, make sure you have powerful deep down meanings for wanting to achieve them.

### 2. Find a good time management system.

One of the tips for managing your time is to find the right system to actually do it. The quadrant time-management system is probably the most effective. It splits your activities into four quadrants based on urgency and importance.

Things are either urgent or important, both, or neither. Neither are the activities that you want to stay away from, but it's the not-urgent-but-important quadrant that you want to focus on.

### 3. Spend your mornings on MITs.

Mark Twain once said, "If it's your job to eat a frog, it's best to do it first thing in the morning.

And if it's your job to eat two frogs, it's best to eat the biggest one first." His point? Tackle your biggest tasks in the morning. Accomplishing those will give you the biggest momentum to help you sail through the rest of the day. 🐸

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**4. Follow the 80-20 rule.**

Another great time management tip is to use the 80-20 Rule, also known as the Pareto Principle. This rule states that 80% of the efforts comes from 20 percent of the results. In sales, it also means that 80 percent of the sales come from 20 percent of the customers. The trick? Identify the 20 percent of the efforts that are producing 80 percent of the results and scale that out. You can do this with meticulous tracking and analysis.

**5. Eliminate bad habits.**

One of the biggest time-wasters we have are our bad habits. Whether it's Netflix binge-watching, excessively surfing social media or so on, those bad habits take away the precious little time that we do have. Use your time wisely by eliminating your bad habits if you're serious about achieving big goals in life.

**6. Take frequent breaks when working.**

One study suggests that you should work for 52 minutes and break for 17. You might not have the luxury to do that. But you should take frequent breaks. If you're an entrepreneur working for yourself, this is crucial. It's easy to run on fumes and not even know it. Keep your mental, emotional and physical states at peak levels by breaking frequently.

**7. Meditate or exercise every morning.**

You might not think that this will help to better manage your time, but meditating and exercising every single morning gives you balance. Cut the toxins out of your life and get serious by doing this and watch as your energy, stamina and mental focus takes a drastic shift.

**8. Make to-do lists in the evening for the next day.**

Every single evening before bed, make a list for the next day. Look at your goals and see what you can do to help move you closer. This doesn't happen overnight. It takes time. But by making to-do lists, you're effectively setting goals for the day. Daily goals are easier to achieve while helping to move us towards the longer and bigger goals. But that happens by creating to-do lists.

**9. Find inspiration when you're feeling lackluster.**

Turn to YouTube, TED Talks and any other inspirational source you can turn to when you're lacking inspiration. It's hard to stay on track with your time when you lose that drive inside of you.

Find ways you can turn the fire back on by focusing inspiring content and seeking out others who've achieved big goals.

**10. Get a mentor who can guide you.**

Finding a mentor is crucial. It's easy to get distracted and dissuaded when you don't have someone guiding you. But when you can personally rely on someone who's been through the wringer and can help you achieve your goals, it's easier to stay on track with your time. Find a good mentor that can help you along your path.

**11. Turn off social media app alerts.**

Incessant social media app alerts aren't helping you with your time. It's definitely hurting you. Turn them off. You don't need alerts every moment or to know everything happening with your friends. It's not important. What's most important is to have some peace of mind and be better able to focus on the task at hand.

**12. Declutter and organize.**

Studies have determined that clutter in our environment helps us to lose focus. When we lose focus, we lose time. If you want to avoid that, declutter and organize. Don't do it all at once. Start small. One drawer today. A shelf tomorrow. Maybe a closet the next day. Just one per day. You build momentum and eventually find yourself turning into an organizing warrior. 📌



## SSGC wins Environment Excellence Award



**S** SSGC won the 16th Annual Environment Excellence Award 2019, organized by National Forum for Environment and Health (NFEH).

Tariq Aslam, DGM (I) HSE/QA received this award from Chief Secretary Sindh, Mumtaz Ali Shah at a grand ceremony held on July 9,

2019 at Marriott Hotel, Karachi.

The distinguished panel of Jury after assessment of documents, track record, services, effective implementation of environment management systems and policies, unanimously conferred this Environmental Excellence Award 2019 to

SSGC. The panel of jury was impressed by SSGC's vision and implementation through contributions in the field of environment friendly policies.

With great pride, it is worth mentioning that SSGC also won this Award in 2018. 📌



## Training session held for call center agents



**S** SGC's 1199 Contact Center recently purchased Comdeck, a software solution from ZRG International.

To integrate this system thoroughly, basic training sessions were conducted in Karachi

and regional offices including Sukkur, Larkana, Nawabshah and Hyderabad.

In the head office, a training session was conducted by Mr. Athar and the entire team of Contact Centre 1199 was present, headed



by Shafia Akhter, Incharge of the Contact Center. Zeeshan Tanvir, Manager MIS Analysis Section (Recovery Department) was also present at the launch of this new and updated system. 📌





**E**very year, SSGC offers internship opportunity to under-graduates from HEC recognized engineering and management universities.

This year more than 180 students were selected to have a first-hand experience of SSGC's organizational culture, values, work and people. Interns are placed at almost all departments including Services, Transmission, Finance, Human Resources, and Corporate Communications.

The internship program began on June 17, 2019 with an orientation at the Head Office Auditorium. Sajjad Raza, Manager HR-OD gave a detailed presentation about SSGC, its vision, mission and core values. This presentation was followed by useful talk by Shahbaz Islam, GM HR & CCD, who inspired the interns through his knowledge, insights and extensive experience.

He also introduced employees from last year's internship program who are now a part

of SSGC. This multiplied the motivation of the interns right on the day of joining.

SSGC, as an organization, always strives for excellence and believes in creating an environment of growth and development.

The Summer Internship Program is an excellent opportunity to get exposure to real time projects and challenges in a dynamic working environment. ●












**S** SGC puts in great effort to hire its advertising agencies ensuring transparency in the entire procedure. To achieve this objective, after every two years, the Company initiates a tender process for all the potential agencies and evaluate print, electronic and digital

media adaptations based on briefs provided by SSGC. This June, 14 agencies bided out of which 13 qualified for the next stage.

An orientation session was held in June 2019 to brief the teams about the requirements and expectations on which the selection

would be taking place.

Shahbaz Islam, GM, Corporate Communications gave a comprehensive presentation on the deliverables required for the Stage 2 of the pre-qualification process. The stage 2 has been convened for July 2019. 





# SSGC tightens noose against gas thieves, more than 100 apartments raided

**S**SGC has intensified its campaign against theft of natural gas in its entire franchise areas. The Customer Relations Department's Task Force conducted several raids against the culprits involved in gas theft in Karachi in apartment blocks and areas including Kashan-e-Ismail, Mustafa Arcade, New Kalari and Lyari Agra Taj Colony. 80 culprits were found to be non-gasified and 13 registered customers were involved in direct stealing of gas in SSGC pipe line through rubber pipes. All rubber pipes and fittings used for illegal extension of gas were removed.

Meanwhile, Larkana Distribution (Theft Control Task Force) detected a number of cases of underground theft and removed clamps in Palyio Gopang Larkano village where two houses were using gas illegally through clamps. FIRs are in the process of being lodged in Damrah and Sultankot Police Stations. The team also raided Hothi Lakhī Shikarpur village where five houses were found using gas illegally through rubber Clamps. Similarly, during a raid in Jacobabad villages, it was discovered that four houses were using gas illegally through overhead rubber pipes.

The anti-theft raiding party also carried out raids in a number of towns in Nawabshah region including Nawabshah city, Sakrand and Qazi Ahmed and killed and removed direct service lines and underground clamps. A joint action was also taken against dummy meters in Hyderabad Region. Meanwhile, SSGC's Counter Gas Theft Operations Department, in conjunction with the representatives of the Company's Measurement and Sales Departments carried out joint load surveys of industrial customers in Karachi. ■



**Industrial/Commercial Customers**  
**Prison term: 10 years Max. fine: Rs. 5 million**

		
Exceeding Authorised Load	Meter Tampering	Meter Bypassing



# PRESERVE NATURAL GAS, EVERY DAY

Don't leave the stove on when not in use.  
Ensure blue flames, as red & yellow  
flames indicate gas wastage.  
A little effort can save you more.

## Conserve natural gas now.



Remember! Always use Pakistan Standards and Quality Control Authority (PSQCA)-approved gas products and fittings.

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[ssgc.official](https://www.facebook.com/ssgc.official)

[ssgc\\_official](https://www.instagram.com/ssgc_official)



## A dainty farewell lunch for P&D veteran



**P** &D Department executives hosted a farewell lunch for their senior colleague Ibrar Ahmed who joined SSGC on March 2, 1988 as an Assistant Drawing Officer and served in the Department throughout his tenure. He retired as Deputy Chief Manager on June 10, 2019. 📍



## Finance executive bids farewell



**S** yed Hussain UI Hassan of Finance Department was given a warm send-off after completing 34 years in various sections of Finance and Treasury Department. Finance Department organized a small ceremony in honor of Mr. Hussain. Fasihuddin Fawad, Acting CFO, Shakeel Ahmed GM (Finance), Wajihuddin, GM (Accounts) and Irfan Jafri, President SSGOA were also present on the occasion. 📍





## Azam Akhtar concludes an illustrious career



**M**eter Manufacturing Plant hosted an exquisite dinner for their General Manager Azam Akhtar.

Department in July 2005 and later on also got the opportunity to lead P&D Department where he worked on RLNG-1 Project implementation and on the technical studies of RLNG-2 Project.

He retired as General Manager of Meter Plant on June 30, 2019 after completing 14 years in SSGC. Mr. Azam also played the lead role in managing production of 2 million G4 meters from 2015 to 2019. 📌

He joined SSGC as Project Manager in LPG



## Ms. Khan bids farewell to SSGC



**S**SGC Women Association (SSGCWA) gave a grand farewell to its Vice President, Ms. Rana Khan on her retirement, by hosting a lunch at a local

restaurant. Ms. Khan served the Company for more than 35 years in Billing Department as it DCM. The President SSGCWA and other EC Members admired Ms. Khan for her

dedication towards the Company. Bouquets and mementos were given to her as a token of remembrance. 📌







## Back-to-back HSE trainings held at LDC

**H**SE&QA has been continuously forging ahead by identifying related training needs of participants and inculcating in them coherent concepts aimed to enhance their work-related skills. Besides other incredible activities, HSE&QA advances its struggles to broaden the attitude of personnel towards HSE&QA through a series of interactive training sessions. In this regard,

two back-to-back training sessions were conducted by HSE&QA through Learning and Development Centre on June 20 and 21, 2019, entitled "Technical Writing Skills" and "Quality Management System" respectively.

Shoaib Ahmed, Engineer – HSE&QA, IRCA and a certified lead auditor conducted the above mentioned trainings that were actively

attended by more than sixty participants in both sessions.

Participants appreciated the efforts of HSE&QA and showed their willingness to attend such type of trainings in the future as well as a refresher course. 📌

**Courtesy:** Team HSE&QA





# HOW TO SAVE GAS IN **3** EASY STEPS

1

## AVOID LEAKS

Keep a check on the regulator, pipe and burner for any small leakages that might go unnoticed.

2

## PREPARE BEFORE COOKING

Collecting all the raw materials and ingredients before starting the gas is a good way to make sure that no gas is wasted.

3

## DO NOT OVERCOOK

Overcooking can kill the nutrients in the food along with wastage of LPG.



# Black Hole - Under the spotlight



Contributed by **Munir Ahmed Mughal,**  
**DM (Corporate Communications)**

**O**n 10th April 2019, Earthlings first laid eyes on an actual image of a black hole — turning what lived only in our collective imaginations into concrete reality.

The image depicts an orange-toned lopsided ring circling the dark shadow of a black hole that gobbles up matter 55 million light-years away at the center of a galaxy known as Virgo A (Messier 87).

This blurry first look is enough to confirm that Einstein's theory of relativity works even at the boundary of this giant abyss — an extreme location where some thought his equations would break down. But this elusive image raises lots of questions. Here are some of your questions answered.

## **What is a black hole?**

Black holes are extremely dense objects that nothing, not even light, can escape. As they eat nearby matter, they grow in size. Black holes usually form when a large star dies and collapses onto itself. Supermassive black holes, which are millions or billions of times as massive as the sun, are thought to lie in the center of almost every galaxy, including our own. Our's is called Sagittarius A\*.

## **Why haven't we seen an image of a black hole before?**

Black holes, even supermassive ones, aren't that big. For instance, taking an image of the black hole at the center of our Milky Way, which is thought to be around 4 million times

as massive as the sun, would be like taking a picture of a DVD on the surface of the moon, Dimitrios Psaltis, an astrophysicist at the University of Arizona, told Vox. Also, black holes are typically shrouded by material that can obscure the light surrounding the black hole, they wrote.

## **Before this image, how did we know black holes existed?**

Einstein's theory of relativity first predicted that when a massive star died, it left behind a dense core. If this core was over three times as massive as the sun, his equations showed that the force of gravity produced a black hole, according to NASA.

But until yesterday (April 10), scientists couldn't photograph or directly observe black holes. Rather, they relied on indirect evidence — behavior or signals coming from other objects nearby. For example, a black hole gobbles up stars that veer too close to it.

This process heats the stars, causing them to emit X-ray signals that are detectable by telescopes. Sometimes black holes also spit out giant bursts of charged particles, which is, again, detectable by our instruments.

Scientists also sometimes study the movement of objects — if they seem to be pulled weirdly, a black hole could be the culprit.

## **What are we seeing in the image?**

Black holes themselves emit too little

radiation to be detected, but as Einstein predicted, a black hole's outline and its event horizon — the boundary beyond which light can't escape — can be seen.

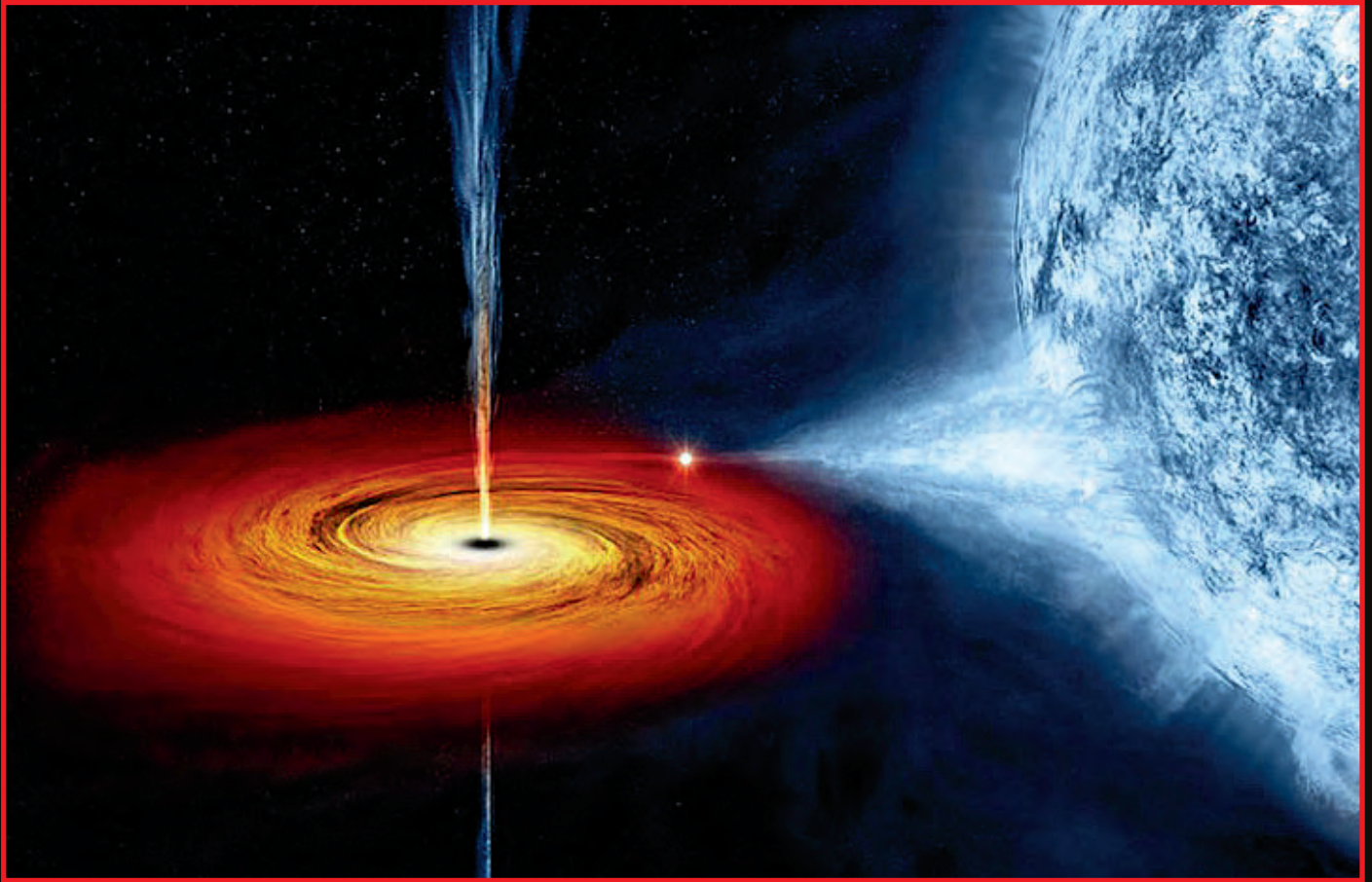
It turns out, that's true. The dark circle in the middle is the "shadow" of the black hole that is revealed by the glowing gas that sits at the event horizon around it. (The extreme gravitational pull of the black hole superheats the gas, causing it to emit radiation or "glow"). But the gas in the event horizon isn't really orange — rather the astronomers involved in the project chose to color radio-wave signals orange to depict how bright the emissions are.

The yellow tones represent the most intense emissions, while red depicts lower intensity and black represents little or no emissions. In the visible spectrum, the color of the emissions would probably be seen with the naked eye as white, perhaps slightly tainted with blue or red.

## **Why is the image blurry?**

With current technology, that's the highest resolution achievable. The resolution of the Event Horizon Telescope is about 20 microarcseconds. (One microarcsecond is about the size of a period at the end of a sentence if you were looking at it from Earth and that period was in a leaflet left on the moon, according to the Journal of the Amateur Astronomers Association of New York.) ▶





If you take an ordinary photo that contains millions of pixels, blow it up a few thousand times and smooth it out, you'll see about the same resolution as seen in the black hole image, according to Geoffrey Crew, the vice chair of the Event Horizon Telescope. But considering they are imaging a black hole 55 million light-years away, that's incredibly impressive.

#### **Why is the ring so irregular in shape?**

The mission scientists don't yet know. "Good question, and one we hope to answer in the future," Crew said. "For the moment, it's what M87 has shown us."

#### **How did scientists capture this image?**

Over 200 astronomers around the world took the measurements using eight ground-based radio telescopes collectively known as the Event Horizon Telescope (EHT).

These telescopes are typically located at high-altitude sites such as volcanoes in Hawaii and Mexico, mountains in Arizona and the Spanish Sierra Nevada, the Atacama Desert and Antarctica, according to a statement from the National Science Foundation. In April 2017, the astronomers synchronized all the telescopes to take measurements of radio waves being emitted from the event horizon of the black hole, all at the same time. Synchronizing the telescopes was akin to creating an Earth-size telescope with an impressive resolution of 20

microarcseconds — enough to read a newspaper in the hands of a New Yorker all the way from a cafe in Paris, according to the statement. (In comparison, the black hole they imaged is about 42 microarcseconds across).

They then took all these raw measurements, analyzed them and combined them into the image that you see.

Why did the scientists measure radio waves rather than visible light to capture the image? They could get better resolution by using radio waves than if they used visible light.

"Radio waves currently offer the highest angular resolution of any technique at present," Crew said. Angular resolution refers to how well (the smallest angle) a telescope can discern between two separate objects.

#### **Is this an actual photograph?**

No, not in the traditional sense. "It is difficult to make an image with radio waves," Crew said. The mission scientists measured radio waves being emitted from the black hole's event horizon and then processed that information with a computer to make the image that you see.

#### **Does this image yet again prove Einstein's theory of relativity?**

Yep. Einstein's theory of relativity predicted that black holes exist and that they have

event horizons. The equations also predict that the event horizon should be somewhat circular and the size should be directly related to the black hole's mass.

Lo and behold: a somewhat circular event horizon and the inferred mass of the black hole matches estimates of what it should be based on the movement of stars farther away from it.

#### **Why didn't they capture an image of our own galaxy's black hole, instead choosing one far away?**

M87 was the first black hole researchers measured so they first analyzed that, Shep Doeleman, the Event Horizon Telescope's director, said during a news conference.

But it was also an easier one to image in comparison with Sagittarius A\*, which sits at the center of our galaxy, he added.

That is because it's so far away that it doesn't "move" much during the course of an evening of taking measurements.

Sagittarius A\* is much closer, so it's not as "fixed" in the sky. In any case, "we're very excited to work on Sag A\*," Doeleman said. "We're not promising anything, but we hope to get that very soon." ■

**Source:** Livescience



## ENERGY SNAPSHOT



## JERA Global Markets launches LNG business

**J**ERA Global Markets (JERAGM) has launched its LNG business following the merging of JERA and EDF Trading's LNG optimization and trading activities.

To remind, the companies announced the completion of the merging on Tuesday, April 2, and stated that JERAGM would be the exclusive LNG optimizer for JERA and EDF.

The new company would manage their collective short and medium-term LNG optimization activities in the wholesale markets. JERA holds 66.67 percent of the equity in JERAGM through its unit JERA Trading International. EDFT holds 33.33 percent of the shares in JERAGM.

According to a statement on Wednesday, the JERAGM LNG team manages the flexibility of

over 35 million tonnes of supply each year and has structural access to both the European and North American gas markets through EDF Trading. The companies added that JERAGM was capitalized with \$900 million of total equity and \$950 million of committed shareholder facilities. ●

**Source:** dawn.com





## Foreign tenders floated for 10 years LNG supply contract



**T**he government has invited bids from foreign suppliers for supply of liquefied natural gas (LNG) for 10 years as the demand of imported fuel is growing with depleting domestic gas output, The News learnt on Monday.

State-owned Pakistan LNG Limited (PLL) invited bids from international suppliers for supply of LNG on ten years term on a delivered ex-ship basis at Port Qasim as the country seeks consistent, reliable and cheap source of LNG, people familiar with the matter said.

The supplier will be required to provide two consignments of 140,000 cubic meters each every month for ten years – a total of 240 consignments.

“Since we have a constant rather constantly increasing demand it is better to have a term contract,” an official at the petroleum ministry said. “The ten years term is with an option of five years walk-away, which effectively makes it a five years arrangement.

PLL used to make spot purchases so far, which is quite erratic.” The country’s demand for LNG could more than triple in the next three to five years, chief executive of PLL said at a conference in Singapore earlier this year. Last year, the country imported nearly 7 million tons of LNG. The import could grow to as high as 15 million and up to 25 to 30 million tons over the next three to five years, PLL’s Managing Director and Chief Executive Adnan Gilani said.

Pakistan is adding at least 300,000 gas consumers every year who consume local production at cheap rates elbowing out productive sectors to rely on imports. The country’s domestic gas output has plateaued in the last five years, falling to 1.46 trillion cubic feet in 2017/18 from 1.51 trillion cubic feet in 2012/2013, according to an annual report from the petroleum ministry.

The official said the country is procuring LNG from Italian oil and gas firm ENI at a slope of 11.99 percent of Brent. Swiss commodity trading company Gunvor supplied LNG at

11.62 percent of Brent, while the commodity was obtained from Qatar at 13.37 percent of Brent.

“We expect this term arrangement to be finalised somewhere in between 11 to 12 percent, and this slope would remain fixed for the entire term.”

The government mandated the PLL to carry out the businesses of the import, purifying, buying, storing, supplying, distributing, transporting, transmitting, processing, measuring, metering and selling of natural gas, LNG, and re-gasified LNG to meet the country’s gas requirements.

The existing two LNG terminals are nearly fully utilised while another two are expected to announce a final investment decision this year. The two import terminals have regas capacity of 1.2-1.3 billion cubic feet of gas per day, or about 9-10 million tons of LNG a year. ●

Source: dawn.com

## Japan’s JERA secures LNG Canada volumes

**J**apan’s LNG importing giant JERA signed a heads of agreement with Diamond Gas International, a Mitsubishi Corporation company, for the sale and purchase of the chilled fuel from LNG Canada project.

The contract is for the purchase of up to 16 cargoes of LNG a year for approximately 15 years beginning in fiscal 2024.

This first procurement of LNG from Canada diversifies JERA’s supply portfolio and can be expected to contribute to stable and economical LNG procurement in the future, JERA said in a statement. The destination clause in this HOA is in line with the Survey on LNG Trades report released by the Japan Fair Trade Commission in June 2017, and



JERA believes this will help it respond appropriately to LNG supply and demand uncertainty and expand opportunities for

optimizing its LNG portfolio. ●

Source: dawn.com







# 7 STEPS FOR BETTER LIVING WITH DIABETES

## 1

### EAT HEALTHY



Make healthy food choices



Watch portion sizes



Eat regular meals

## 4

### TAKE MEDICATION



Know your pills and insulins, understand how they work and take the right doses at the right times

## 5

### PROBLEM SOLVE



Recognize your high and low blood sugars, understand what caused them and learn to treat and prevent them

## 2

### BE ACTIVE



Exercise 5 days a week



Be active 30 minutes a day



Lose 10–20 pounds if you are overweight

## 6

### REDUCE RISK



Quit smoking



Do regular health exams (eye, foot, dental)



See your doctor regularly for check-ups and tests

## 3

### MONITOR



Check your blood sugar levels; know your A1C



Check your blood pressure, cholesterol, eyes, feet and teeth

## 7

### COPE WELL



Get support from your family, friends and diabetes care team



Set realistic goals and work toward them

## THE FIVE CAUSES OF LUNG CANCER



**Smoking**, particularly of cigarettes, is by far the main contributor to lung cancer. Cigarette smoke contains over 60 known carcinogens, including radioisotopes from the radon decay sequence, nitrosamine, and benzopyrene.



**Radon gas**, colorless and odorless gas generated by the breakdown of radioactive radium, which in turn is the decay product of uranium, found in the Earth's crust. The radiation decay products ionize genetic material, causing mutations that sometimes turn cancerous.



**Asbestos**, causes a variety of lung diseases, including lung cancer. Tobacco smoking and asbestos have a synergistic effect on the formation of lung cancer. Asbestos can also cause cancer of the pleura, called mesothelioma.



**Air Pollution**, outdoor air pollution has a small effect on increasing the risk of lung cancer. Fine particulates and sulfate aerosols, which may be released in traffic exhaust fumes, are associated with slightly increased risk.



**Genetics**, It is estimated that 8 to 14% of lung cancer is due to inherited factors. In relatives of people with lung cancer, the risk is increased 2.4 times. This is likely due to a combination of genes.





**FACTORY  
SEALED**

## گیس چوروں کے خلاف بھرپور آپریشن

حکومت پاکستان کے عزم کے مطابق گیس چوری کے خلاف آپریشن گرفت فیصلہ کن مرحلے میں داخل ہو چکا ہے۔  
گیس (تھیفٹ اینڈ ریکوری) ایکٹ 2016 کے تحت اس سنگین جرم میں ملوث افراد کو نہ صرف گرفتار کیا گیا ہے بلکہ ان پر گیس کورٹس  
میں مقدمات چلا کر بھاری جرمانے بھی عائد کئے گئے ہیں اور سخت سے سخت سزائیں بھی سنائی جا چکی ہیں۔

**1 ارب** | **127** | **1,370**  
روپے سے زائد | مقدمات | کارروائیاں  
جرمانے

**یاد رکھیے۔۔۔**

اپنے گیس سیلزا ایگریمنٹ کی پاسداری کیجئے | صرف منظور شدہ مقصد اور مقدار کے لئے گیس کا استعمال کیجئے

سوئی سدرن سے گیس سیلزا ایگریمنٹ کی تجدید کے بغیر صنعتوں میں اضافی ایکویپمنٹس لگانا غیر قانونی ہے

ان احکامات پہ عمل نہ کرنے پر ایف آئی آر، گرفتاری، جرمانے اور 10 سال قید تک سزا ہو سکتی ہے | اضافی گیس حاصل کرنے کے لئے سسٹن بوسٹر لگانا غیر قانونی ہے

 Sui Southern Gas  
Company Limited

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# ايس ايس جي سي هڪ پيروي ڪامياب: پوڳيءَ جو بهترين بوت ايوارڊ کٽي ورتو



ڏيهه توڙي پرڏيهه مان شرڪت لاءِ آئل اينڊ گئس سيڪٽر جي پيشاور ماڻهن سان رابطا قائم ڪندي انهن کي ڪمپني جي ٽرانسميشن، ڊسٽريبيوشن ۽ ڪائونٽر گئس ٽيفٽ آپريشنز جي باري ۾ آگاهي پڻ ڏني. ايگزيڪيوشن ۾ شريڪ ماڻهن جي آگاهي لاءِ بوت انڊر ايس ايس ايم ڊي اسڪرينز پڻ لڳايون ويون هيون جنهن تي ڪمپني جي ڪارپوريت وڊيوز ۽ آپريشنز گرفت جي باري ۾ تي وڻي سي هلايا ويا. واضع رهي ته ايس ايس جي سي هي ايوارڊ اڳ به ڪيترائي ڀيرا کٽي چڪي آهي.

ڏيکاريا ويا هئا. ڪارپوريت ڪميونيڪيشن ڊپارٽمينٽ جي ائٽڪ محنت ۽ ڏينهن رات جون ڪوششون ان ڪاميابي جو سبب بڻيون ۽ بوت کي ”بيست اسٽال ايوارڊ“ جي اعزاز سان نوازيو ويو. 3 ڏينهن تائين جاري رهندڙ هن ڪانفرنس ۽ ايگزيڪيوشن جي ڪمپنيءَ پاران نمائندگي شهباز اسلام هيڊ آف سي سي ڊي، ڊي جي ايم سلمان اي صديقي، چيف مئنيجر سيد عمران احمد ۽ سموري ٽيم ڪئي. ايس ايس جي سي جي نمائندن

هڪ دفعو وري پنهنجي پيروي موجودگي جو احساس ڏياري ڏيڻدي ايس ايس جي سي ڪراچي ۾ پاڪستان آئل اينڊ ڪانفرنس 2019 جو ايوارڊ ماڻي ورتو. 20 کان 22 جون 2019 تائين جاري رهندڙ هن ڪانفرنس ۾ هميشه وانگر هن ڀيري به پنهنجي اڳوڻي ڪارڪردگي کي برقرار رکندي پهريون ايوارڊ کٽي ورتو. هن بوت کي جديد ۽ دل کي چهيندڙ طريقي سان ٺاهيو ويو هو. جنهن ۾ ڪمپني جي گئس ٽيفٽ آپريشنز جا مختلف رخ ۽ ان جي نتيجن کي اجاگر ڪندي شاندار منظر



## گئس چوري جي خلاف ڪوئيتا ۾ هڪ وڏي ڪارروائي



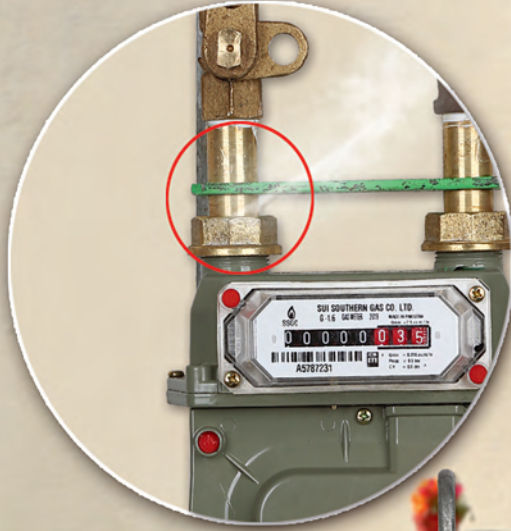
سيل جو ايگزيڪيٽو عامر موسيٰ ۽ شير زمان به ان ڪارروائي ۾ شامل هئا. 800 فوٽ ڊگهي غيرقانوني گئس پائپ لائين به پوليس جي موجودگي ۾ کاتي وڻي. پلاسٽڪ پائپ ۽ ڪليمپس ثبوت طور پوليس حوالي ڪيون ويون.

لائين مان گئس چوري ڪري رهيو هو. 100 گهرن تي ڀٽل هي ڳوٺ غيرقانوني طور تي گئس استعمال ڪري رهيو هو. ان ڪارروائي ۾ خان محمد، ڪپتان پرويز، شجاعت صاحب، گجر صاحب، جمعہ خان، شمس الله ڪاڪڙ ۽ محمد سليم حصور ورتو. جڏهن ته سي جي ٽي او جي آفيسرن، ايف آءِ آر

جنرل مئنيجر بلوچستان ريجن جي هدايتن تي ڪوئيتا شهر جي ڪيترين ئي علائقن جهڙوڪ ڪريم آباد، قمبرائي روڊ، سرباب روڊ وغيره ۾ انچارج سي آر ڊي جي سربراهي ۾ گئس چوري خلاف آپريشن ڪيو ويو. ان دوران هڪ اهڙو ڳوٺ پڪڙيو ويو جيڪو ڪمپني جي 2 انچ ڊايا جي گئس پائپ



# گھر کے باہر بھی گیس لیکج سے نقصان ہمارا ہے



صرف گھر کے اندر ہی گیس لیکج خطرے یا نقصان کا باعث نہیں اگر گلی محلے میں بھی کہیں گیس لیکج ہو رہی ہو تو ہوشیار ہو جائیں اور اسی وقت اپنے فون سے SSGC سے ہیلپ لائن 1199 کال کریں یا SSGC Customer Connect ایپ ڈاؤن لوڈ کر کے اطلاع دیں۔

**سمجھداری دکھائیں ... ذمہ داری نبھائیں**



سوئی سدرن گیس کمپنی لمیٹڈ کے ریٹائر ہونے والے دوستوں کے نام

## دوست

خوشیاں جو بانٹتے تھے وہ دوست جا رہے ہیں  
جاتے ہوئے ہمارے دل کو دکھا رہے ہیں

ماتھے پہ بل نہ دیکھا کیسی ہی مشکلیں ہوں  
گن خوبیوں کی ان کے جب ہی تو گارہے ہیں

خوشیوں میں ساتھ تھے گرغم میں شریک بھی تھے  
یادوں کا وہ خزانہ اب چھوڑے جا رہے ہیں

دل چاہتا ہے ان کی، سنگت کبھی نہ چھوٹے  
مجبور خود کو لیکن ہم کتنا پارہے ہیں

سبجی تھی کیسے محفل کیا خوب رونقیں تھیں  
سنائے دل میں اب تو ڈیرے جمارہے ہیں

دستور ہے یہ ثانی! جانا تو ایک دن ہے  
کردار اپنا اپنا سارے نبھا رہے ہیں

افتخار ثانی!

سروسز ڈیپارٹمنٹ ہیڈ آفس، کراچی



## ایس ایس جی سی سمرکیمپ 2019 کا انعقاد



کہ وہ فروزن غذاؤں سے بچوں کو مکمل پرہیز کروائیں۔ اس ایونٹ کے حوالے سے ملازمین و بچوں کا ریسپانس بہت شاندار رہا جس کی منتقد رائے بھی تھی کہ ایسے ایونٹس کا باقاعدگی سے انعقاد ہونا چاہیے جن کے ذریعے تفریح کے ساتھ ساتھ بچے کا موقع بھی ملے۔ اس ایونٹ کے اختتام پر شرکاء میں اسناد تقسیم کی گئیں اور یوں ایک یادگار ایونٹ کو پایہ تکمیل تک پہنچایا گیا۔

آسان حساب اور کہانی نویسی شامل تھی۔ ان سب پروگراموں میں ماہر ٹرینرز کی خدمات لی گئیں تاکہ بچے تفریح کے ساتھ ساتھ سیکھ بھی سکیں۔ والدین کی رہنمائی کے لئے ایک سیشن بھی منعقد کیا گیا جس میں تنزیل احمد روف اور عقیلہ انیس سعد کو گیسٹ اسپیکر کے طور پر مدعو کیا گیا تنزیل روف نے حاضرین پر زور دیا کہ ان کی توجہ علم و تربیت پر ہونی چاہیے نہ کہ تعلیم و تربیت پر اور ان دونوں کے درمیان فرق کو بھی واضح کیا۔ عقیلہ سعد نے بچوں کی غذا اور صحت کے متعلق مسائل پر بات کی اور والدین پر زور دیا

اس سال اسکولوں کی سالانہ گرمیوں کی چھٹیوں کے دوران ایس ایس جی سی نے 1 سے 5 جولائی کے درمیان ”ایس ایس جی سی سمرکیمپ 2019“ کے عنوان سے بچوں کے لئے ایک رنگا رنگ ایونٹ کا انعقاد کیا۔ اس ایونٹ کا خاص مقصد ایس ایس جی سی کے ملازمین کے 7 سے 12 سال کے بچوں کے لئے کھیل کھیل میں ذہنی تربیت اور نشوونما تھی۔ اوڈمی ٹیم کے تحت بچوں کی سماجی و تعلیمی صلاحیتوں کو نکھارنے کے لئے چار مختلف پروگرام ترتیب دیئے گئے۔ ان پروگراموں میں مصوری، لکھائی،



## گیس چوری کے خلاف کوئٹہ میں ایک بڑی کارروائی

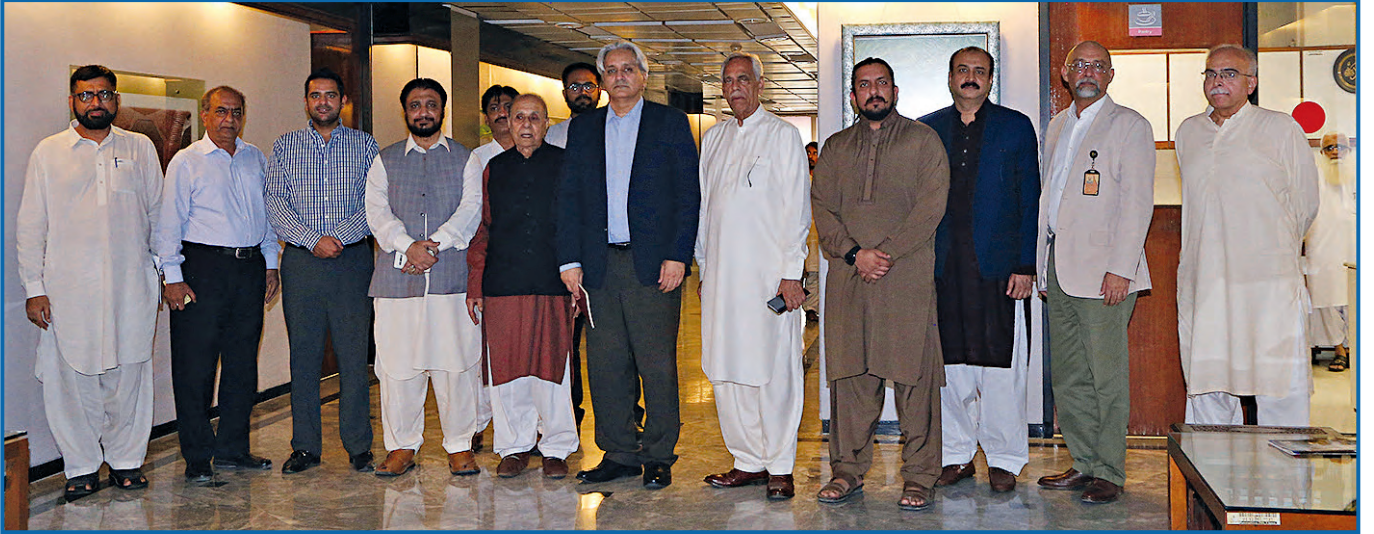
ایف آئی آر سیل کے ایگزیکٹو ڈائریکٹر، موسیٰ اور شیر زمان بھی اس کارروائی میں ہمہ وقت موجود تھے۔ 800 فٹ لمبی غیر قانونی گیس لائن بھی پولیس کی موجودگی میں منقطع کی گئی۔ پلاسٹک پائپ اور کیپس بطور ثبوت پولیس کے حوالے کی گئیں۔

ہوئے پایا گیا۔ 100 گھروں پر مشتمل گاؤں غیر قانونی طور پر گیس استعمال کر رہا تھا۔ اس کارروائی میں خان محمد، پکتان پرویز، شجاعت صاحب، گجر صاحب، جعد خان، شمس اللہ کاکڑ اور محمد سلیم نے حصہ لیا۔ سی جی ٹی او کے افسران،

جنرل منیجر بلوچستان ریجن کی خصوصی ہدایات پر کوئٹہ شہر کے کئی علاقوں جیسے کریم آباد، قمبرانی روڈ، سریاب روڈ، وغیرہ میں انچارج سی آر ڈی کی سربراہی میں گیس چوری کے خلاف ایک بڑا آپریشن کیا گیا۔ اس دوران ایک پورا گاؤں 2 انچ ڈی اے کی گیس پائپ لائن سے گیس چوری کرتے



## سی این جی ایسوسی ایشن کی گیس رسد کے حوالے سے ملاقات



جناب عبدالسمیع خان نے اپنی نئی کتاب بطور تحفہ ایم ڈی سوئی سدرن کو پیش بھی کی۔

ملاقات کی۔ اس میٹنگ کی سربراہی سوئی سدرن گیس کمپنی کے چیفنگ ڈائریکٹر جناب محمد وسیم نے کی۔ اس موقع پر سی او اے کی جانب سے

سی این جی ایسوسی ایشن کے سینئر عہدے داروں پر مشتمل ایک وفد نے گیس کی رسد کی صورتحال کے حوالے سے کمپنی کی میٹجٹ سے





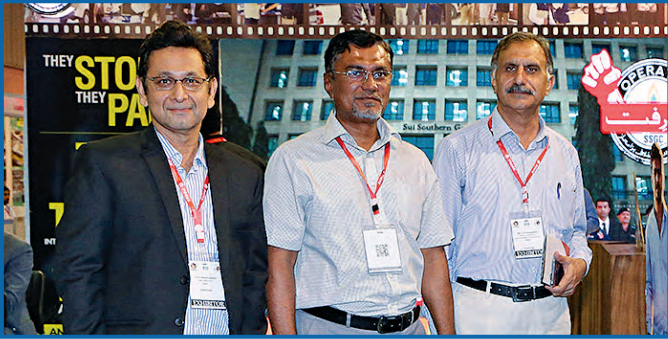
## ایس ایس جی سی نے ایک بار پھر بہترین بوتھ کا ایوارڈ جیت لیا



سیکٹر کے لوگوں سے مراسم بڑھائے اور انہیں ہماری ٹرانسمیشن، ڈسٹرپوشن اور کاؤنٹر گیس تھیفٹ آپریشن کے بارے میں آگاہی دی۔ بوتھ میں ایس ایم ڈی اسکرینز بھی نصب کی گئیں۔ جس پر کمپنی کی کارپوریٹ ڈویژن اور آپریشنز گزٹ کے متعلق اشتہار چلائے گئے۔ ایس ایس جی سی یہ ایوارڈ پہلے بھی جیتی بار جیت چکا ہے۔

کارپوریٹ کمیونیکیشن ڈپارٹمنٹ کی انتھک محنت کا مظہر اور دن رات کی لگی کاوش اس جیت کی وجہ بنی اور بوتھ کو ”میٹ اسٹال ایوارڈ“ دیا گیا۔ سوئی گیس کی اس تین روزہ ”کانفرنس کم ایگزٹیشن“ میں نمائندگی شہباز اسلام ہیڈ آف سی ڈی اور تمام ٹیم نے کی۔ ایس ایس جی سی کے نمائندگان نے اندرون ملک اور بیرون ملک سے شریک آئل اینڈ گیس

ہمیشگی طرح اپنی سابقہ کارکردگی برقرار رکھتے ہوئے ایس ایس جی سی نے کراچی میں منعقد ہونے والی پاکستان آئل اینڈ کانفرنس POGEE جو 2022 تا 2019 تک رہی اس میں پہلا ایوارڈ جیت لیا۔ کمپنی نے گیس تھیفٹ آپریشنز کے طریقہ کار اور اس کے نتائج کو اجاگر کرتے ہوئے بہترین کٹ آؤٹس کی مدد دیتے ہوئے شاندار بوتھ تخلیق کیا۔





# ذوقِ فلیپ

جون ۲۰۱۹

## فہرست

- ۲۔ ایس ایس جی سی نے ایک بار پھر بہترین بوتھ کا ایوارڈ جیت لیا
- ۳۔ سی این جی ایسوسی ایشن کی گیس رسد کے حوالے سے ملاقات
- ۴۔ ایس ایس جی سی سمر کیمپ 2019 کا انعقاد
- ۴۔ گیس چوری کے خلاف کوئٹہ میں ایک بڑی کارروائی
- ۵۔ سوئی سدرن کے ریٹائر ہونے والے دوستوں کے نام

## ایڈیٹر کے قلم سے

محترم قارئین کرام!

وزیر اعظم کے خصوصی معاون برائے پٹرولیم نے حال ہی میں ایس ایس جی سی کا دورہ کیا اور سینئر مینجمنٹ کے ساتھ مذاکرات کیے۔ انہوں نے ایس ایس جی سی کی گیس چوری اور یو ایف جی میں کمی کے اعداد و شمار کا بھی جائزہ لیا۔ ندیم بار نے ان مینٹلز اور اعداد و شمار دونوں ہی کو تسلی بخش قرار دیا اور بتایا کہ یو ایف جی میں کمی کی ایک بڑی وجہ حکومت کی جانب سے خاطر خواہ کوششیں اور گیس کمپنیز کی جانب سے گیس چوری کی روک تھام کے لئے موثر اقدامات ہیں۔

اس ماہ جون میں ایس ایس جی سی کی جانب سے پاکستان آئل اینڈ گیس کانفرنس (پوگی) میں ایک شاندار بوتھ بنایا گیا جس میں گیس چوری کا سراغ ملنے سے لے کر مجرم کو پکڑنے تک کے آپریشن گرفت کے مراحل کو تفصیل سے دکھایا گیا۔ اس کانفرنس میں سوئی سدرن گیس کمپنی کو بہترین بوتھ کا ایوارڈ بھی دیا گیا۔

اس دوران کمپنی نے ایچ ایس ای اینڈ کیو اے کے میدان میں اپنی فاتحانہ روایت کو برقرار رکھتے ہوئے اس سال بھی سولہواں سالانہ اینوارڈ منسٹ آئی کیلیٹنس ایوارڈ 2019 جیت لیا۔ ہماری ٹیم کی طرف سے ڈیپارٹمنٹ کو اس شاندار کامیابی کے لئے بہت مبارکباد۔  
شکریہ

اپنی آراء ہمیں اس پتے پر ارسال کریں

## ادارتی ٹیم (اردو اور سندھی)

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# دک فلیپ

سوئی سدرن گیس کمپنی کا اندرونی جریدہ

ایس ایس جی سی نے ایک بار پھر  
بہترین بوتھ کا ایوارڈ جیت لیا

