



قطر للغاز  
QATARGAS

# THE PIONEER

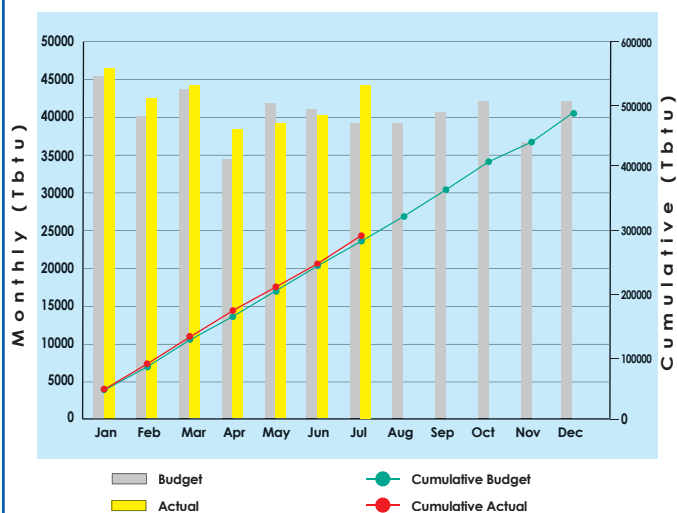
The magazine of Qatargas Operating Company Limited



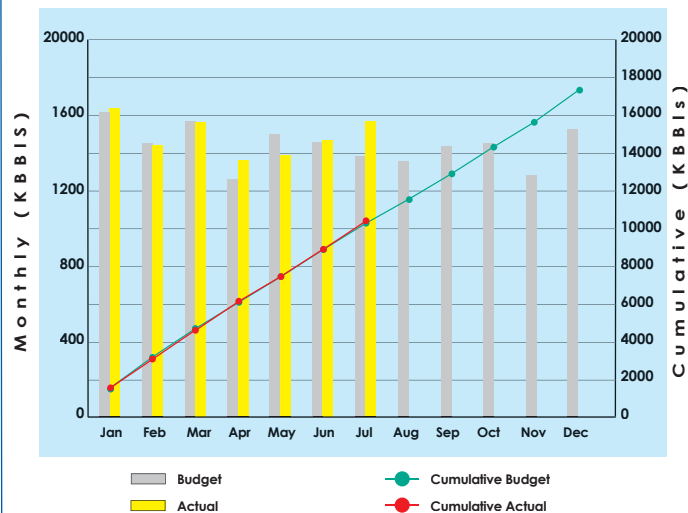
**Mission critical: getting ready to  
deliver 42 MTPA of LNG**

# Scorecard 2007

## Net LNG Production 2007



## Field Condensate Production 2007



## Qatargas SEQ Monthly Safety Statistics

Event Description	Qatargas	Contractors
Date of last LTA	1-Jul-02	26-Apr-03
Days worked since last Lost Time Accident	1,856	1,557
Personnel hours worked since last Lost Time Injury	11,359,024	8,005,921
Hours worked since last Lost Time Injury (04-26-03)	17,588,716	

Event Description	Qatargas		QG 2007 Business Plan Targets		Contractors	
	Current Month	Year to Date			Current Month	Year to Date
Number of Lost Time Accidents (LTA)	0	0	0	0	0	0
Number of Medical Treatment Cases (MTC)	0	2	0	0	1	4
Number of Occupational Illnesses (OI)	0	2	0	0	1	2
Number of First Aid Cases (FAC)	1	4	0	0	1	6
Number of Off the Job Injuries (OJI)	0	1	0	N/A	N/A	
Number of Major Fires	0	0	0	N/A		
Number of Minor Fires	0	5	0	N/A	0   5	
Number of Vehicle Incidents	0	1	0	0		
Number of Env. Releases	0	1	0	N/A	N/A	
Number of Env. Spills	0	3	0	N/A		
Number of Moderate to High Risk Potential Incidents	2	40	100	N/A		
Number of Incident Notification	24	185	> 275		0   0	
Number of STOP cards	40	1781	> 4000			
Days Lost due to LTA	0	0				
Hours Worked this Month	187,680				75,168	
Hours Worked this Year	1,167,944				416,672	
Hours Worked combined (QG/Contractor)			1,584,616			
	Year to Date		Industry Benchmark		Year to Date	
LTA Frequency Rate	0.00		0.20		0.00	
LTA Severity Rate	0.00		2.40		0.00	
Total Recordable Incident Rate	0.34		N/A		1.92	

Our aim is to create an "Incident and Injury Free" site at Qatargas. However, for statistical purposes, targets for motor vehicle incidents and medical treatments are based on Year 2002 actual figures.

Except for Near Miss Reports, we encourage reporting of all near misses so that the hazardous conditions can be eradicated as soon as possible, through corrective actions.

Total near miss cases also include those derived from different categories of incidents/accidents reported such as medical treatment, first aid, minor/major fire, vehicle incidents, spill/release etc.

These derived near misses were also included in the "Total Near-Miss reports" due to their potential to escalate into more serious incidents.

Please note the attached graphs giving an annualized overview of KPI statistics



# Team work: the key to our success

**I**n September 2006 Qatargas established the Expansion Startup Group (ESU) reporting to the Chief Operating Officer–Operations. This new organization was created to focus on the vital task of starting up all the new facilities associated with the expansion ventures and achieving stable operations to handover to the ongoing operating organizations.

Mr. Abdelkader Haouari has been appointed Expansion Start Up (“ESU”) Manager to lead this effort. He has extensive experience in operations management, project commissioning and startup.

The ESU will focus on starting up the four new LNG trains (QG2, QG3, QG4), the Laffan Refinery, the offshore wellheads feeding the four new trains, and the common facilities that support these expansions.

The mission of the Expansion Startup Group is to:

- Support the pre-commissioning and commissioning of all of the new facilities
- Execute a flawless startup for each of the new facilities
- Prepare for the future operations
- Capture lessons learnt to assist in future projects and startups

We have staffed the Expansion Startup Organization with highly experienced personnel in commissioning, startup,

operations, and maintenance from Qatargas. We are also in the process of hiring hundreds of experienced operations and maintenance personnel from around the world who work in the pre-commissioning, commissioning, and startup phases. They will go on to form the nucleus of the ongoing operating organization. Over 200 of these new employees have already arrived and are contributing to this effort. We have also hired many highly experienced personnel in the areas of training and procedure development to develop the systems to ensure the competency of the staff that will be executing the startup.

Once the new facilities are started up and operating in a stable fashion, they will be turned over from ESU to the ongoing Asset Team for day-to-day operations. I have great confidence in ESU’s ability to achieve their stated mission safely.

This is a significant challenge and will take the best efforts not only of the ESU organization but all of Qatargas to ensure readiness for future operations prior to startup.

Qatargas established a process in 2005 called BTPO (“Building the Producing Organization”) to ensure that we are prepared in every respect for start up and to be able to successfully maintain reliable operations thereafter. Working with our Business Development Manager and the BTPO Advisors every function developed detailed readiness plans that outline the

tasks that need to be completed prior to startup. These cover the necessary staffing, infrastructure, processes, procedures, equipment, materials, and competency to support ongoing operations. We are getting ready to take on new businesses, assets, people and ways of doing things.

Recently, we established a “BTPO Council”, which I chair, with team membership comprising of the Chief Operating Officers and other key department managers to address readiness activities. We meet fortnightly to discuss our readiness status and actions that we can take to assist the organization. I am personally committed to ensuring the appropriate resources are in place to complete all the BTPO activities and to remove any barriers to achieving our readiness targets.

All of us in Qatargas have a role to play in this process, no matter what organization or department we are assigned to. Although there remains much work to do, I am confident that we can complete our readiness deliverables according to plan.

Through achieving our BTPO goals and flawless startups of these expansion projects, we will be one step closer to achieving our vision. I look forward to working with you to achieve this vision.

**Faisal M. Al Suwaidi**  
Chairman and Chief Executive Officer



# Mission critical: getting ready to deliver 42 MTPA of LNG

The Expansion Start Up Group was established with a critical mission in mind, to ensure that Qatargas can safely and flawlessly start four new trains, the Laffan Refinery and associated support facilities.

This is a huge undertaking that requires many different parts of the organization to be ready to take on the challenges of expanded operations as well as the equipment itself.

The Expansion Start Up Group (ESU) is working in close coordination with many others in Qatargas to

complete the Building the Producing Organization (BTPO) initiative to ensure that we are ready for the start-up of the trains and refinery.

If you drive around the site at Ras Laffan City it is easy to see the magnitude of the challenges faced by ESU Group. Over the next three

years this group will be responsible for the start up of not only the LNG trains but also LPG and condensate streams, the six offshore unmanned platforms, the four pipelines for water, gas and condensate which are up to 80 kilometres long and many common support facilities.



*Aerial view of refinery piperacks*





*Sulfur recovery area*



*Inspecting the Qatargas 2 flare tip*

Also within the remit of the ESU is the startup of the Laffan Refinery. This refinery will treat and refine the field condensate that will be produced into products such as naphtha, diesel etc. The refinery project also includes a major revamp and expansion of the condensate tank farm area which will

result in a total of 18 tanks and 200 tie-ins to the existing facilities.

In addition, the team will start up the common sulfur facility. This is critical to the operation of the expansion trains since the feedstock gas from the North Field is high in hydrogen sulfide, which must be removed before the

gas can be processed into LNG. The sulfur plant takes the elemental sulfur extracted from the feedstock gas by the LNG trains and converts it into solid pellets which are loaded into ships for transport to market. The common sulfur facility will process all of the sulfur produced by the plants at Ras Laffan.



*Aerial view of train 6*



## TEAMWORK



*LNG tank farm*



*Train 6 compressor housing*

The startup will be done in stages to match not only the Qatargas expansions but also the expansions at RasGas and Al Khaleej Gas, and the new plants such as Pearl GTL and Barzan.

The last but one of the most important pieces in this puzzle is the common LNG storage and loading facility. The ESU Group must make sure that the tanks which will store up to 140,000 cubic metres of LNG each are ready to receive LNG from the new trains. The LNG will be piped from these storage tanks to newly constructed loading berths and arms at Ras Laffan Port. This common facility will also store LNG produced by RasGas Trains 6 and 7. As with all of the other new facilities, these tanks and loading berths will be handed over to ESU for start-up once commissioning is completed.

### **Big challenges require good team work**

The ESU Group led by Mr. AbdulKader Haouari, is comprised of different teams all responsible for their part of the flawless start-up and handover of these new facilities to the Operations Team. Many teams have to work together to make this possible including the Maintenance Division, HSE, Qatargas 2 Upstream and Downstream divisions, Offsites Team Division (responsible for Common Sulfur, LNG and Liquid berths), Qatargas 3 & 4 Division, Refinery Operations and various teams such



as HSE, Maintenance and Support Divisions.

Together these teams are responsible for achieving a flawless startup as well as ensuring that all the pieces work together to operate reliably for the long term. The team is committed to doing this work safely, minimizing the impact to the environment from flaring and achieving production and reliability targets. At its peak over 800 people will be working together within ESU to make this start-up possible.

The team does face some tough challenges including recruiting and on-boarding hundreds of new employees from around the world, interactions with multiple teams, sites and shareholders and the overlapping schedules of many of the projects.

The BTPO initiative is assisting the ESU and the Operating Company to identify and overcome these challenges. The initiative has identified common issues and start-up critical activities that need to be managed by the project teams, QG Opco divisions and ESU Group in order to start-up the projects. For each a plan has been developed with detailed deliverables which are reviewed regularly by senior management in a specially convened council.

The ESU Group is at the front line of these challenges but the whole organization is needed to make the commissioning, start-up and eventual operation of the expansion projects a success.



*Qatargas 2 slug catcher*



*Train 5 Sulfur recovery units*

## First Train 4 Startup Milestone

The first step towards the successful startup of Train 4 was recently achieved when the first electrical substation (29-SS2902) was successfully energized.

This was a credit to the careful planning and cooperation between ESU, the Project Team, and CTJV. The highest standards of construction and safety were adhered to by all involved.

This substation supplies 6.6 kV of power to all critical equipment in the Utilities including, instrument air compressors, boiler feed-water pumps, high pressure steam boilers, steam turbine generators, etc. This equipment is needed to support Train 4. The substation will also provide the lower voltage power required for lighting and other auxiliaries. Train 4 requires about 120 MW of power obtained by generation from the steam turbine generators.

The equipment and controls in this substation have sophisticated integrated



ESU Management Team and Substation Operations/Maintenance Team inside substation

protection systems which are housed in a fully-pressurized building to protect the equipment from weather conditions and any plant releases. This substation is temporarily being powered by portable diesel generators

until the main substation is ready for startup.

This startup was led by the Upstream Division Manager Mansoor Al-Marzooqi and Utilities Startup Head Mahmoud Mokhtar. ■

## ESU new milestone

On the 6th of August the first cargo of condensate of Dolphin Energy was safely and successfully loaded on the new berth 21 in Ras Laffan port. On the same day, a celebration cake was shared between participants that included Qatargas, Dolphin, Medgulf and RLIC representatives. The achievement shows how complex interfaces can be successfully managed amongst different groups in Ras Laffan by following good communication and teams work. Once the start-up of the adjacent berth 20 is completed, the QG Expansion Start-Up team will handover the operation internally to Ras Laffan Terminal Operations team. ■





## Employee interviews

In January 1997, Qatargas delivered its first LNG cargo to Japan. Over ten years have passed since this historic milestone and we are celebrating 'A Decade of Achievement' in 2007. However the

Qatargas success story began long before the first LNG delivery. The hard work and dedication of the people involved in the project in the early days turned the Qatargas dream into reality. Their contribution to

putting Qatargas on the world LNG map is irrefutable. 'The Pioneer' talks to some of the longest serving employees – pioneers – about themselves and about Qatargas from their perspective.

### Edward Borges Field Logistics Supervisor

"I have been with Qatargas since January 1994.

My job involves providing support to North Field Bravo (NFB) operations from shore. I am responsible for all cargo and personnel movements to offshore.

The management system of 'continuous improvement' adopted by the company has made it one of the best companies to work for.

I am glad that I work at Qatargas. We have an excellent CEO, a great management team, good salaries and benefits."



### Anirduddha Madhukar Ghaisas Plant Safety Officer

"Over 12 years have passed since I started working with Qatargas.

As a Plant Safety Officer, I do my part in ensuring the safety of people. This involves proactive measures like the Incident and Injury Free (IIF) program and reactive procedures like incident investigation, TapRoot investigation etc.

I am proud of Mr. Faisal Al-Suwaidi, our CEO. I think the company has a bright future. Qatargas provides us with an excellent housing community, reasonable package, job security and peace of mind.

I am glad to be in Qatargas. I have progressed in my career. I have managed to build a good financial base for myself.



I am happy to have moved to the Safety Department and gained additional qualifications. Time and again I get

opportunities to make this place safer. There is a lot of freedom to work. I enjoy working here."

## Mohammad Yaseen Business Systems Specialist

“I have been a Qatargas employee for more than 13 years.

My job involves working closely with the IT Department to develop SAP systems based on business requirements. I belong to the Finance Group and I am the link and focal point between Finance and IT. I support Finance to develop business systems (best practices and recommendation from shareholders) and liaise with IT to have these automated.

I am proud of the Qatargas brand and the management. All the departments that I have worked in have taken good care of my career. I can't imagine myself working anywhere else.



To me Qatargas is already a world class company as it has a good senior management team with a clear vision, with all the developments going around, it is the

place to be, and I am glad I am here. Moreover, I enjoy the respect and trust I earned here which I will not trade for any thing else.”

## Ejaz Ali Head of Maintenance Planning/ Shutdowns/Reliability

“I have been with Qatargas for 12 years.

Maintenance planning, managing shutdowns and looking after assets performance management are the principal aspects of my job.

The work environment at Qatargas is excellent. The full support of the management on key issues and the world class housing provided by the company are also things I am proud of.



I am proud to have played a role in Qatargas' growth from strength to

strength to become the leading LNG company in the world.”

## Lawrence Collins Head of Corporate Documentation

“I have been working at Qatargas for the past thirteen years.

My job is to set the standards and specifications that are necessary to ensure that Qatargas will receive from an EPC contractor a technical knowledge base (documents, drawings

and data) that will ensure the safe start-up and ongoing operations and maintenance of a Qatargas operated facility. Implementing the systems and business processes that are necessary



to ensure that knowledge base remains current for the life of the facilities, and is protected from unauthorized access or change is another aspect of my job.

In early 1994 Qatargas was an embryonic organization with less than 70 permanent staff, it was a fragmented organization with very few systems and business processes in place. To the rest of the world it was an unknown entity with no presence individual identity or credibility in the global market place. Over the intervening years it has grown to become a cohesive and dynamic organization, a world leader in its field of operation, with an enviable record for reliability and customer satisfaction



that many long established organizations struggle to match. Qatargas presented me with a unique once in a lifetime opportunity, to be part of a process that

built from nothing an organization that has become an industry world leader.”

## Elias Thomas LNG Sales Administrator

“The Section I work for is responsible for administering various LNG Sales Contracts. We are responsible for producing LNG Cargo Documentation, issuing LNG cargo invoices, price notifications, review of various sales agreements, confirmation notices etc. After the execution of the sales agreements my department acts as the main communication window with the Buyers. My role is to provide execution support of the above activities.

As one of the ‘pioneers’ in the company, it was a great experience to see the physical growth of the company and I am sure we can meet our vision of being “the World’s leading LNG



supplier”. I am very proud that I had the opportunity to be a contributor to this great achievement from the early stages of the project.

The thing I like most about Qatargas is the cordial working atmosphere amongst a multi-national workforce.

The transparency of management activities, open communication opportunities like Town Hall Meetings, employee welfare activities, support for family and children’s activities especially in the Al Khor Community are other positives.”

# Qatargas recognizes long serving employees



Qatargas organized two events to recognize its employees for their long and continuous years of service with the company. Employees who have completed five and ten years of service

with Qatargas were presented with 'Long Service Awards' during the two ceremonies held at the Sheraton Doha Hotel in July. The awards were presented by the Chairman and Chief Executive

Officer of Qatargas Operating Company Limited, Mr. Faisal M. Al-Suwaidi. The ceremonies started with a speech by Mr. Al-Suwaidi during which he thanked everyone for their contribution to the





“Greater challenges lie ahead but I am confident that with your continued support and commitment, we will achieve our goals”

- Faisal Al-Suwaidi, Chairman & CEO



success of Qatargas and urged them to keep up the good work. Mr. Faisal Al Suwaidi said; “Qatargas is recognized today as a safe and reliable supplier LNG to the world. We have overcome many

challenges to reach where we are today. All of this would not have been possible without the hard work and dedication of our staff. Even greater challenges lie ahead but I am confident that with your

continued support and commitment, we will achieve our goals.” The ceremony ended with an international-style buffet dinner and was also attended by senior managers of Qatargas.



# Formation of the Qatargas 4 joint venture company and the signing of the LNG sale and purchase agreement

On July 11, Qatar Petroleum (QP) and Royal Dutch Shell plc (Shell) announced the incorporation of Qatar Liquefied Gas Company Limited (4), a joint venture between an affiliate of QP (70%) and an affiliate of Shell (30%), which will own the Qatargas 4 project's onshore and offshore assets. At the same event, this newly formed joint venture company signed a sale and purchase agreement (SPA) with a Shell affiliate as buyer of all the LNG volume produced by this large-scale project.

The SPA was signed on behalf of Qatargas 4 by His Excellency Abdullah bin Hamad Al-Attiyah, Deputy Premier and Minister of Energy and Industry of Qatar and Qatar Petroleum Chairman, and by Linda Cook, Shell's Executive Director Gas & Power. Also present at the signing was Faisal Bin Mohammed Al Suwaidi, Chairman and Chief Executive Officer of Qatargas Operating Company Limited.

The Qatargas 4 project comprises upstream gas production facilities to produce approximately 1.4 billion cubic feet per day of natural gas, including an average of approximately 24,000 bbl/d of LPG and 46,000 bbl/d of condensate from Qatar's North Field over the 25-year life of the project. The integrated project also includes a 7.8 million tonnes-per-annum liquefaction plant and the required LNG shipping capability. The main engineering, procurement and construction contract for onshore facilities was awarded in



December 2005 and construction activities are progressing well in Ras Laffan. First LNG cargoes are scheduled for delivery around the end of the decade.

Qatargas 4 LNG volumes are intended to flow primarily into natural gas markets in the eastern United States. Shell has arranged for capacity at the Elba Island LNG import terminal as well as in the new Elba Express natural gas pipeline to receive and regasify the LNG exported to the United States.

Speaking at the event, His Excellency Abdullah bin Hamad Al-Attiyah, Deputy Premier and Minister of Energy and Industry of Qatar said, "Today's event marks the conclusion of all major commercial agreements for the Qatargas 4 project. This impressive undertaking will further cement Qatar's position as the world's leading

producer of LNG and help us meet our production target of 77 million tonnes per annum. Qatargas 4 also exemplifies our successful and growing partnership with Shell and I strongly commend the project team for their efforts in reaching this milestone."

Faisal Al Suwaidi, Chairman of Qatargas Operating Company and the CEO of Qatargas 4, added, "Today is truly a tribute to hard work and strong partnership. With the incorporation of the Qatargas 4 joint venture and the signing of the LNG SPA, the project continues to meet its targets and is well on its way towards a successful completion. Qatargas 4 truly represents the vision, dedication and excellence of the Qatargas family to world-scale LNG projects and fully aligns with our commitment to help fuel the world with clean energy." ■



# Qatargas 4 to utilize eight of Nakilat's LNG Carriers

**A**t a signing ceremony on July 11, Qatar Petroleum transferred to Qatar Liquefied Gas Company Limited (4) the time charter parties for eight liquefied natural gas (LNG) vessels following the company's recent formation. These charter parties were signed in February 2007 with Qatar Gas Transport Company (Nakilat) who will own the eight vessels.

This follows the signing by Nakilat in February 2007, of contracts with two Korean Shipyards - Samsung Heavy Industries and Daewoo Shipbuilding & Marine Engineering Company – for

the construction of four "Q-Flex" and four "Q-Max" class vessels. It is the intention that these vessels will be used by Qatargas 4 to transport its liquefied natural gas to market.

Mr. Faisal M. Al Suwaidi, Chairman and Chief Executive Officer of Qatargas Operating Company Limited said; "The signing today of these agreements is another step forward in the delivery of these world-class projects. These ships will deliver energy to our customers reliably and safely."

Nakilat's fleet, which is still under construction, will comprise some 25 LNG carriers scheduled to come into service over the next four years. The vessels will be used to transport LNG not only for the Qatargas 4 project, but also for Qatargas 2 (Train 5), Qatargas 3 (Train 6) and RasGas III (Train 7). Qatargas Liquefied Gas Company Limited (4) – referred to as Qatargas 4 - is a joint venture company between Qatar Petroleum and Shell and the incorporation of the company was marked by a signing ceremony earlier on the same day. ■



# Qatargas 2 manages SPM project for offshore loading of Ras Laffan condensate

Driven primarily by the need to reduce potential congestion in the RLC port, the loading operations of all Ras Laffan Condensate is being relocated to remote offshore facilities. This would also allow easy loading of the VLCC (Very Large Crude Carriers) without any additional modifications that may have been required to the port due to any draft limitations.

The RLC SPM (Single Point Mooring) facility will provide a strategic outlet for all field condensate produced in Ras Laffan. This SPM facility will not only increase condensate marketability and shipping flexibility, it will result in a price uplift, thereby increasing revenues for the stakeholders. SPM assures condensate export capacity in the 2008-2009 timeframe by reducing potential congestion in the RLC port and associated bottlenecks in the shipping channel. The SPM facility, together with RLC's existing and new harbor facilities, will create world class capability and flexibility for loading condensate in the world fleet of Aframax, Suezmax, and VLCC tankers.

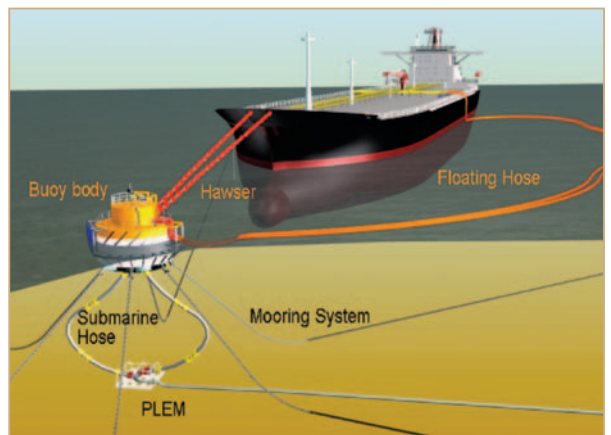
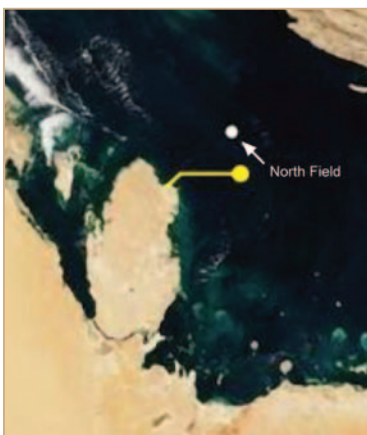
The Common SPM facility at RLC will be jointly owned and shared by QG1, QGII,

QG3/QG4, RL1, RLII, RLIII, and AKG 1 and 2, the joint venture companies operating in RLC. The QGII Common Facilities Project is responsible for managing the engineering and construction of the SPM and after mechanical completion will turn over the facilities to RasGas who has been selected to operate it.

The SPM will be located approximately 60 km offshore from RLC, and will be capable of offloading 1 million bbls per day of condensate at a pumping rate of 8000 m<sup>3</sup>/hr (about 55,000 bbls/hour). The offshore component of the facility consists of two CALM Buoys (Catenary Anchor Leg Mooring) and two PLEMs (Pipe Line End Manifold), connected by a two km long jumper line. Condensate from the onshore storage facility is transported to the SPM via a 42" diameter pipeline. As the condensate flows to the offshore CALM buoy, floating hoses transfer the condensate to the offloading tanker's storage tanks. The onshore component of the SPM system consists of eight storage tanks, export pumps, control room, and the onshore extension of the 42" pipeline. Because of the distance between the onshore and offshore components of the facility, primary communication is by redundant fiber optic

cables which will be laid on both sides of the pipeline. Dedicated support vessels at the offshore site will assist with tanker docking and floating hose hook-up, and provide maintenance to the CALM buoy systems. Export of condensate is projected to ramp up fairly quickly and reach an offload demand of about 500,000 bbls per day. The facility is designed to operate for 30 years.

The EPC contractor for the CALM buoy systems is Bluewater; the offshore installation contractor is J.R.McDermott; and the onshore installation contractor is a consortium formed by WGI & Al-Jaber. Fabrication of both CALM buoy systems was recently completed by Bluewater at the Gulf Piping yard in Abu Dhabi. To date, J.R.McDermott has successfully completed the shore crossing and laid about 20 km of offshore pipeline. The onshore portion of the facilities, which includes installation of about 3 km of 42" pipeline across the congested RLC landscape, and tie-in to the onshore loading and storage facilities, is slightly ahead of schedule. Mechanical completion for this portion of the SPM facilities is on track for November, 2007.





# Laffan Refinery project finds itself more than half way completed

In June 2005 Laffan Refinery Co. signed the EPSCC contracts for the detailed engineering, procurement, supply, construction, and commissioning with the consortium of GS & Daewoo for the construction of the Laffan Refinery

At present, the project finds itself more than half way completed which puts it slightly ahead of schedule for completion in early autumn of 2008.

To ensure the work is on schedule, the contractor undertook to recruit additional construction workers and supervisors. Also, a total reorganization of the contractor's construction teams was undertaken to better adapt to the local environment thus leading to a better progress of the works.

In addition to improving the contractor's performance, Project Management Team (PMT) and the Contractor have adopted the "One Team" concept. The concept is that both parties are functioning towards a common objective which is on-time flawless startup, with no further downgrading incidents. Both groups understand that the success of the project depends on an integrated team performance.

The key to the Laffan Refinery Project's eventual success is the successful completion of the Tank Farm. The tank farm will allow the transfer of products to the new storage tanks while the existing tanks at RasGas and Qatargas are being refurbished. Five of the 80,000 cubic meters storage each are already erected and either being painted, tested, or punch-listed at this time. While the startup date for the Tank Farm is challenging to achieve, the joint PMT/Contractor team working there has risen to the challenge and will do their utmost to ensure the work is completed on time.



On the Refinery Process work site all major equipment and materials have now been transported to site with the ongoing fabrication of piping and vessel/column erection now the main focus of the work. The largest column - Condensate Tower C1201 - will be erected by the end of August 2007.

While the work in general is focused on the Tank Farm, a major effort is underway to ensure there is no slippage in the Refinery construction schedule so that once the Tank Farm is in startup mode, the construction workforce can be shifted to the Refinery to ensure it is ready for completion in early autumn of 2008.

The most immediate upcoming milestones on the project will be the energization of the substations. This is slated to occur in late August or early September 2007. The PMT & Contractor teams are working closely with Karhamaa to ensure power can be turned on for testing at that time.

In addition to the main Refinery area and the Tank Farm there is also an Amine area and major pipe-work to be accomplished on the Lee Breakwater and Jetty. In addition a recent variation order was issued to design-build a gantry loading facility to supply local market. These facilities will also be ready for summer 2008 startup.

Mr. Salman Ashkanani, Refinery Venture Manager said "We are well on our way to create the history of successfully completing one of our many projects in a record time frame and safely. The safety records already achieved on the project demonstrate the level of management commitment to our Incident and Injury Free concept. I am pleased with the safe, rapid progress achieved by Laffan Refinery on all fronts of implementation. I would like to compliment the entire Laffan Refinery & Contractor project teams for a successful lift-off of the project. The team is now fully equipped to sustain the rapid pace of construction in the coming quarters."

# Qatargas recognizes fourth annual plant design winners



On 8th July, a special ceremony was held at the Qatargas headquarters building in Ras Laffan to recognize the winners of the 4th annual plant design award course. The award was instituted by Qatargas in 2004 in partnership with Qatar University with the intent of giving students the opportunity to work on a plant design project relevant to industry.

This year, a total of four teams participated in the event. The first prize was awarded for the design of an ammonia plant while the design of a Vinyl Chloride plant collected the second prize.

The teams were provided with active support, guidance and mentoring from the sponsoring companies, Qatar Fertilizer Company (QAFCO) and Qatar Vinyl Company (QVC) respectively. The other two designs were of GTL plant, sponsored

by SASOL Chevron (South Africa) and LNG plant, sponsored by Air Products (USA).

The winners were picked by a panel of judges after the teams made detailed presentations covering all aspects of their designs including the technology employed, equipment, economical feasibility and profitability.

The judging panel comprised of senior representatives from the four sponsoring companies in addition to Henk Grootjans, Head of Process and Facilities Engineering, Qatargas, as the lead judge. Following the evaluation session, Mr. Grootjans said; "All the designs were excellent and the presentations were of high quality. The judges had a difficult task on hand to decide the winners."

The prizes were handed over to the winning students by Sheikh Ahmed Al-Thani, Chief Operating Officer,

Engineering and Ventures, Qatargas. "We are very pleased to sponsor this award. Partnerships such as these between universities and industry will help students to become professionals and meet the future needs of industry in the country," he said.

Speaking on behalf of the university, Mr. Farid Benyahia, Head of Chemical Engineering said; "We are very thankful for Qatargas' continued support to our department and encouragement to our students. We believe that such initiatives provide an opportunity for students to translate their theoretical knowledge into practical engineering skills".

The Award is part of a long term strategic partnership with the University designed to foster greater collaboration and co-operation between industry and academia.



## 4th Annual Engineering Forum to be held in November

The Qatargas Engineering Department will be hosting the 4th Annual Engineering Forum in mid-November. The intent of the Engineering Forum is to provide an opportunity for Qatargas engineers and their counterparts from other local companies to make in-depth technical presentations to their peers on topics which are relevant to oil, gas and allied industries and share items of technical merit.

Last year's forum was a great success with a total of 12 presentations being made by engineers from Qatargas and other companies. The presentations covered a wide range of topics related to the industry covering offshore, onshore and LNG shipping technologies.

Qatargas invites engineers who are interested in making presentations to e-mail a brief description of their

proposed presentation topic to J. Murty (jmurty@qatargas.com.qa), A. K. Attou (aattou@qatargas.com.qa) or Mike Martin (jmartin@qatargas.com.qa) by September 30. The technical presentation acceptance team from Qatargas will review the submitted abstracts and finalize the agenda by mid-October. ■

## Qatargas organizes concert in Ras Laffan

Qatargas recently held a specially organized concert titled 'Beat the Heat' for its contractor workforce, at the Asia City recreational complex in Ras Laffan.

On June 28, bands from India and the Philippines performed to a multi-national audience of over 10,000 workers from the Qatargas 3 and Qatargas 4 projects, all of whom live in Ras Laffan's accommodation areas.

The programme started in the early evening and ran until midnight. Popular Filipino group, the '5 Point 2 Band' and top Indian musicians, the 'Freddy Orchestra' took turns to entertain the crowd. In addition to the live entertainment, the audience was treated to snacks and drinks.

Commenting on the event, Mr. Faisal Al-Suwaidi, Qatargas Chairman and Chief

Executive Officer said; "The safety of all our contract workforce is paramount for Qatargas. These great events while providing entertainment also help to reinforce important and life saving messages about safety."

A specially designed stage set was built for the event. This was complemented by extensive decoration and state-of-the-art sound and lighting systems. To ensure safety, security and ambulance services were on stand-by throughout the night.

The concert was officially opened by Rick de Gaay Fortman, concert Organizer for Qatargas 3 & 4 who said; "We are glad to see that so many people have turned out for an evening of fun. We believe that such events are important to bring people together to be entertained as well as hear important messages about safety." ■



Indian singer



## Expanding to fuel the world

