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Pakistan: Another Landmark Achieved



The title for this article was also used by Sui Southern Gas Company (SSGC) of Karachi to describe their **Gwadar SNG Facility**. The SNG facility is an “off grid” system contributing to a better quality of life for gas users. SSGC’s December 2005 issue of The Flame, their in-house magazine, features a photograph of the **AQUA-PAK™** on the cover.

Gwadar is a port city in Pakistan’s Baluchistan province. Gwadar’s infrastructure is facilitating economic growth in the region by allowing landlocked Afghanistan and several other Central Asia Republics, access to the Arabian Gulf. We extend heartfelt gratitude to all at SSGC and the contractors who focused on SUCCESS. As a TEAM we made this project possible. Thank you.

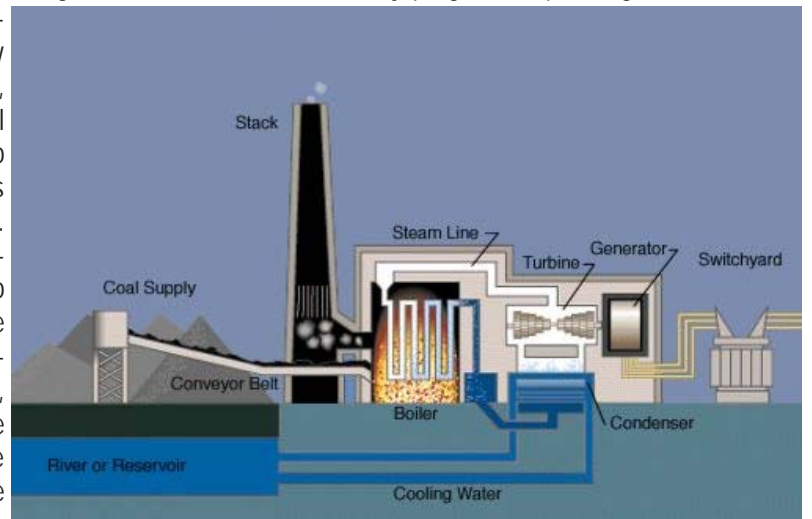


Team from SSGC with Gunay Ulmanoglu of EPG (far right, bottom row)

Let’s Clear the Air



Business for Ely’s Environmental Group remains robust as planned investments in solid fuel power generation continue. In many parts of the country, air quality progress has exceeded expectations as voluntary commitment to pollution reduction becomes embedded in corporate governance. With cynicism placed on the sidelines, clearly there is a growing trend towards environmentally progressive power generation techniques. And faced with a shrinking domestic natural gas supply and high and volatile gas prices, coal has emerged as a logical choice. The US is fortunate to have secure reserves of coal as well as improved technologies. Supercritical pulverized coal techniques, for example, are touted to be 75% more effective than the average existing coal fired system operating today. In addition, these newer technologies have emission levels up to 30% more efficient than required by the 2015 EPA standards.



Typical Coal-Fired Power Plant

Ely’s role remains one of designer and manufacturer of both standard and custom anhydrous and aqueous vaporization, air dilution and flow controls products for deNOx systems. Ely provides individual skids as well as complete reagent systems including storage, off loading, liquid handling, vaporization, air dilution and flow controls.

AQUA-PAK™ SNG Package

The AQUA-PAK™ represents another milestone in the design and manufacture of a robust, sophisticated packaged SNG system for both CityGas and larger industrial applications. A focus of the design team was economy of footprint, minimizing of field work for installation and completeness of the package. Except for interconnect of the Liquid LPG piping to the vaporizer and SNG piping to the discharge – and running of wiring to a J-Box, the AQUA-PAK™ is ready to go! Contractor feedback on the design has been overwhelmingly positive as it saves time and money. Contact Ely at sales@elyenergy.com for additional information!



AQUA-PAK™ Photo Courtesy of SSGC (Pakistan)

Retrofitting Coal-Fired Power Plants: Experience From The Field

July 27-28, 2006

Estes Park, Colorado

Ely Energy participated with Gas Equipment Co. (Dallas TX) at a conference focused on maximizing efficiencies when implementing plant upgrades at coal fired power plants. The conference was attended by about 60 industry delegates with topics including project planning, implementation, execution and “best available technologies”. Contact Heather Van Alstine, (Mech. Eng.) at hvanalstine@elyenergy.com for details

Tulsa Fitness Bits...

Tulsa hosted the **Tulsa Tough Ride and Race** on the 2nd through the 4th of June with bike racers from 20 states as well as Germany, Switzerland and New Zealand. The competition included both pro and recreational level events with five challenging venues. Most important – it was a HUGE success for Tulsa. Here's what some participants said:

- “I had no idea what a cool city Tulsa was!”
- “Extremely cool! I never gave much of a thought about Tulsa but its one of the coolest cities around!”
- “This should be an annual event!”

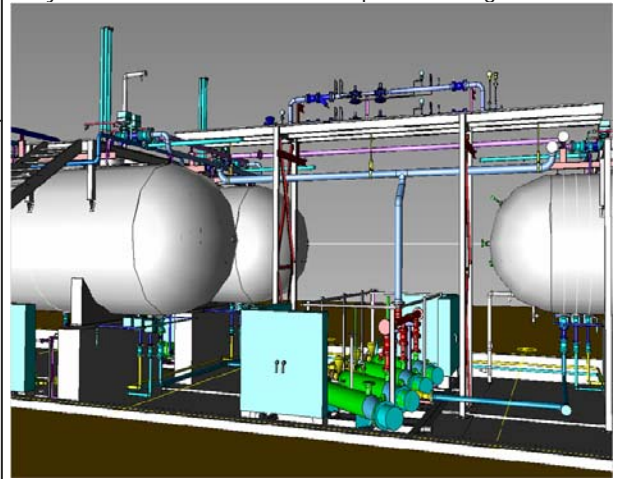


3D Graphics Enhance SCR System Designs

Ely Energy is a leading supplier of both anhydrous and aqueous reagent supply systems for deNOx SCR systems. Applications often involve retrofits of power plants where space is at a premium. Equipment must be squeezed into a small footprint like a swelled up foot in a penny loafer. The Ely approach is: **build a 3D model** - a “life sized entity” - but built “inside” the computer! More realistic than standard 2D designs, 3D designs provide a competitive advantage and open up a design world otherwise inaccessible.

Today, nearly all construction and shop fabrication drawings for SCR projects are developed in 3D. This ensures accuracy in the final product.

Good 3D design is not easily achieved. It's the product of talented, knowledgeable and skilled draftsman. Ely is fortunate to have an exceptional design team.



3D graphic of an NH₃ Tank and Vaporization System



L to R: Morten Balle (Spain), Gary Eaton (USA), Markus Stemmer (Switzerland), Nick Jacobs (UK).

Czech this out.....



Tulsa athletes do get around! In May, **TulsaRunner**, Tulsa's preeminent running store located at 97th & Riverside and owned by Trani Matthews, was well represented in the Prague, (Czech Republic) Marathon. Visit www.tulsarunner.com.

Flare-off vaporizer for Jubail, Saudi Arabia



Ely Energy was pleased to supply John Zink Company LLC an 'engineered to order' vaporization system as part of a contract to assist in flare down of LPG barges at the



Typical scene at Port Jubail

SABIC facility at Port Jubail on the eastern shore of Saudi Arabia. The recently expanded facility handles vessels with a capacity up to 50,000 tonnes with a total storage and handling capacity of 20 million tonnes. Commissioning of the vaporization system will be provided by EPG Ltd., the Istanbul based local partner of Ely Energy.

OK Trivia Questions:

1. In 1921, Tulsa was the site of the worst race riot in USA history with perhaps 150 killed and several thousand injured yet no arrests were ever made nor charges filed. – True or False
2. Registered Democrats outnumber Republicans in Oklahoma. – True or False
3. Ethnic celebrations in Prague, Oklahoma honor the Czech heritage of early immigrants. – True or False (Trick question, eh?)

Answers: 1. T 2. T 3. F



NOTICE

Effective 28 June, 2006 Ely Energy no longer represents **Kosan Crisplant**. We understand Kosan will sell equipment directly from Denmark and provide field service and spare parts from Mexico. **Contact** www.kosancrisplant.com for details.

POWER-GEN International

November 28—30, 2006 Orlando, FL

For the power sector, there is no bigger annual event than POWER-GEN. Host to the event will be the Orange County Convention Center. Visit www.power-gen.com for details.



2006 Pakistan Oil & Gas Exhibition

Karachi, 17th – 20th May, 2006

Ely Energy's local exclusive partner, **Dynamic Engineering**, participated at the recent **Pakistan Oil & Gas Exhibition**. The exhibition, now starting its 6th year, underscores the priority placed on energy sector development.



Noor Ahmad (Courtesy of Dynamic Engineering)

Expenditures into the energy sector will be in the billions (USD) for the coming years and involve both infrastructure upgrades as well as new construction.

Pakistan's geographic advantage as the intersection of Central Asia and the Arabian Sea makes it an attractive site for outside investment. Ely Energy, with our partner **Dynamic Engineering**, are proud to be suppliers of equipment and technology to this exciting market. We extend thanks and best wishes to our hard working colleagues. We look forward to the many more great opportunities.



Lakefront and marina along Chicago's famous Lakeshore Drive

19th World LP Gas Forum Chicago, USA



Chicago hosts the 19th World LP Gas Forum from 17th - 20th October, 2006 at the Palmer House Hilton Hotel. A Global Technology Conference highlighting technical innovation in the industry adds one extra day to the traditional formula. WLPGA President Francis Jan says, "This event promises to be one of the best that we have ever held."

For more information please visit www.worldlpgas.com.

DO
YOU
KNOW
THESE
FOLKS...?



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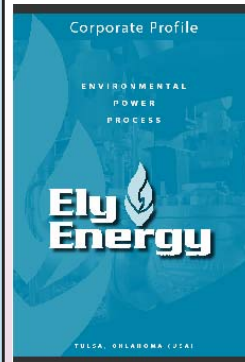
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A Spotlight on: ITMation™



BACK: Patrick, HJ, Eric Tam FRONT: Corrina, Billy, Tracy, Kylie

The principals of ITMation (Hong Kong) and Ely Energy (Tulsa) have been close business associates and personal friends for over 16 years. ITM™ designs and supplies various state-of-the-art control systems including the controls for Ely's AFC™ (Active Flow Control) blender. The AFC™ blender has become arguably the best selling gas-gas blender worldwide, effectively replacing the use of the old fashioned mixing valve approach to gas mixing. ITMation and EEI also cooperate in other areas including both environmental applications and engineered to order equipment. ITM™ is located on Hong Kong island in Central.

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