



CH·IV International

The LNG Specialists

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June 12, 2008

FOR IMMEDIATE RELEASE

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LNG ENGINEERING/CONSULTING COMPANY ANNOUNCES NEW PROGRAM TO AID LNG PEAKSHAVING FACILITIES REDUCE OPERATING COSTS AND IMPROVE PRODUCTION

CH·IV International announces its Cold Box Optimization Program

HANOVER, MD June 12 – CH·IV International President, Jeffrey P. Beale, today announced the launching of the Cold Box Optimization Program (CBOP), whereby owners and operators of natural gas liquefaction facilities can realize substantial benefits during this re-inventory season. Increased LNG production of 5% to 10% without increasing energy consumption have been proven.

CBOP represents the migration of standard high-value strategic technologies and services in the petrochemical process industries to the world of Peak Shaving. Beale said, “Most peakshavers are at least 20 years old, some almost 40. Many of the exchangers and cold boxes are near the end of their expected life. Almost every plant has a different feed gas today than it did when it was first designed. Peakshavers can really benefit from process modeling. CH·IV is in a unique position to offer the value of process modeling technology to the LNG peakshaving industry providing the *neutral, unbiased process truth.*”

He went on, “Process modeling for peakshaving is a perfect outsource solution. Trying to capture the value of process modeling technology in-house requires a staff with years of experience, deep process knowledge and the software to turn the technology into savings. CH·IV has the experience, the knowledge and the customized software.”

The first activity in CBOP is to perform an independent diagnostic of the entire liquefaction section. Once the Diagnostic Phase has been completed the owner/operator can implement the recommendations put forth by the CBOP software.

CBOP then moves to the Monitoring Phase where CH·IV performs regular rigorous model-based performance monitoring and off-line optimization to assure that the liquefaction plant continues to operate at peak efficiencies and production rates. Operating at the optimum set points and mixed refrigerant compositions can also prolong the life of equipment.

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CH·IV International provides engineering and consulting services in three overlapping areas: 1) Front end engineering design (FEED) of LNG import terminals; 2) Engineering oversight and consulting on all things LNG; and 3) Operational services relating to the training, commissioning, start-up and operations of LNG facilities.

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