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## Cover Focus



### 26 India-US partnership can play an important role in helping the world bounce back faster after the pandemic: Prime Minister

India and the US have a long-standing energy collaboration. In June 2017, the Prime Minister Mr. Narendra Modi and US President Donald Trump reinforced the strategic importance of bilateral energy cooperation, through the announcement of a new US-India Strategic Energy Partnership. The India-US Strategic Energy Partnership has four pillars: Oil and Gas, Power and Energy Efficiency, Renewable and Sustainable Growth

### 28 Key accomplishments and action plan of sustainable growth pillar under Indo-US strategic energy partnership

### 30 India-US express satisfaction with the progress under four pillars of Strategic Energy Partnership, and Partnership to Advance Clean Energy research

The two countries have agreed to collaborate in new areas including bio-energy, RE in agriculture and SMEs, high efficiency coal technologies with low-to-zero emissions through CCUS

### 31 India Energy Modeling Forum launched

### 32 In the midst of a global pandemic the U.S-India comprehensive global strategic partnership scales new height

The U.S. Secretary of Energy Mr. Dan Brouillette and Indian Minister of Petroleum and Natural Gas and Minister of Steel Mr. Dharmendra Pradhan co-chaired a virtual ministerial meeting of the U.S.-India Strategic Energy Partnership (SEP) to review progress, highlight major accomplishments, and prioritize new areas for cooperation



### 16 Government for improving availability of natural gas at an affordable cost across the country

### 22 Digital E&P Roadmap launched by India

## Technology/Technical Papers

### 12 Cairn Oil & Gas deploys Honeywell forge to improve efficiency and enable remote operations

### 39 Digitalization thrust in Oil & Gas Engineering Procurement Construction

Digitalization has for long been considered the future of EPC in the Oil & Gas industry. The COVID-19 pandemic has now made this a strategic imperative according to Mr. Prakashan, CEO, Sterling Wilson Mechanical, Electrical, and Public Health Engineering (MEP) Business. Sterling and Wilson is the leading MEP player in India, offering 360° MEP solutions to business segments across all sectors



### 42 Digital Twin alliance to address complex digital transformational challenges

### 44 AI induced predictive models for drilling

The future of AI in drilling is the introduction of smart control systems/platforms that companies can plug in and use to control the drilling process on-site and remotely. The digital transformation will help resolve the limited capital discipline and returns along with the operational challenges, with the advent of analytics

### 48 Industry first in well integrity diagnostics launched

### 51 S2A LVDT signal conditioner module for nuclear power plants

## Plus

### 54 Baghjan: Still Uncontrolled - A Pictorial Feature