



# THE 10<sup>TH</sup> INTERNATIONAL FUJAIRAH BUNKERING & FUEL OIL FORUM

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## Fujairah Fact Sheet



### ADVANTAGES OF THE STRATEGIC POSITION OF FUJAIRAH: PAST, PRESENT AND FUTURE

Fujairah has now taken its place in the global markets for:

#### Bunkering

The Port of Fujairah and its Anchorage have a very clear and proven strategic advantage

- ◆ Approximately 70 Nautical miles outside the Strait of Hormuz
- ◆ South of latitude 260 North
- ◆ Close to International trade lines

Necessity and convenience saw the development of Fujairah as an international Bunkering Hub and a Marine supply and logistics Centre. Fujairah now ranks along with Singapore and Rotterdam as one of the top three Bunkering locations in the World.

In 2015 Fujairah Anchorage hosted 13,734 vessel calls. Plans are underway to increase the number of Anchorage positions and to provide an additional Harbour facility for further independently owned supply vessels.

#### Tank Storage and Trading

From these Bunkering origins, Trading, firstly in product and progressively, now Crude, became established and is growing.

Demand prompted Private Oil Tank Storage which developed rapidly. This is expected to exceed 9 million cubic metres during 2016 and 13 million cubic metres by the end of 2018. Run by 12 separate and independent companies each with differing business plans, their diversity provides an ongoing strength in meeting market changes. The varying facilities are overseen as the Fujairah Oil Industrial Zone (FOIZ)

#### The Fujairah Refinery

- ◆ The Fujairah Refinery Project is a strategic UAE Government initiative through IPIC to construct, operate and maintain a grassroots refinery complex in the Emirate of Fujairah, close to the new ADCOP pipeline and oil terminal and the port's deepwater oil export terminals.
- ◆ The refinery will be designed to process a mixture of crudes such as Murban and Upper Zakum, as well as other regional and opportunity crude oils, and will have a processing capacity of about 200,000 barrels per day
- ◆ The project is scheduled for completion at the end of 2018

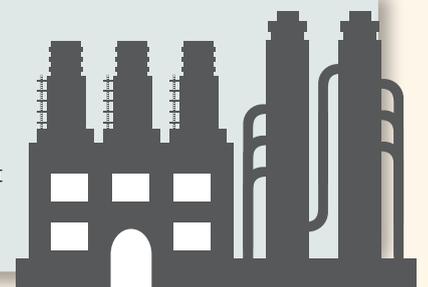
#### LNG initiatives

Emirates LNG is a joint venture between Mubadala Petroleum and International Petroleum Investment Company (IPIC), and was formed to secure additional gas supplies to meet energy demand from the UAE's growing economy.

The Emirates LNG project will develop a new liquefied natural gas (LNG) regasification facility on the UAE's east coast in Fujairah.

Once completed, Emirates LNG will commence the import of LNG cargos from the international market and the facility will be capable of supplying 1.2 billion cubic feet/day of clean, efficient natural gas, which will be used primarily for power generation.

The Port is aware that LNG may well become a universal Bunker fuel and is positioning itself to be part of the international supply chain.



# STRATEGIC INITIATIVES IN CRUDE, POWER, PORTS & PETROCHEMICALS

## Port Expansion

The Port is the only Multi-Purpose Port on the East Coast of the UAE. It handles various types of operation,

- ◆ Container
- ◆ Bulk shipments
- ◆ Aggregate through 2 Bulk Loaders
- ◆ Grain through conveyor and loading discharge arms, conventional
- ◆ Steel, and project shipments
- ◆ Cruise and Military Vessels

To meet rising demand the Seaport has increased from 1,020 metres of Berth in 2000 to the present day 6,130 metres of Berth. 930 metres (Berths 8 and 9) of Oil Berth becoming operational in 2015 and a VLCC Berth (draft 26 metres) due for completion in 2016.

Oil Storage Terminals are linked to the Common User Oil Berths by pipelines through two Matrix Manifolds.

## Petrochemical Possibilities

The Emirate is keen to develop **Petrochemical** possibilities from both a production and distribution perspective.

## UAE Strategic Grain Reserve

This facility within the Port has

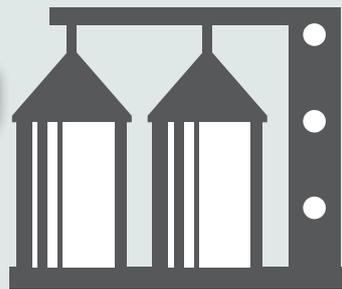
**20** Concrete Silos

A storage Capacity of **275,000** metric tons

A conveyor and two load/discharge arms

A dedicated Berth

It is operated by Al Dahra and Loulis Mills of Greece



## The Crude Oil ADCOP pipeline

As a separate development from the Port facilities and separate private tank storage ventures:

IPIC built the 370 km Abu Dhabi Crude Oil Pipeline (ADCOP), allowing Abu Dhabi to export crude oil directly from Fujairah. The new pipeline reduces the reliance on Arabian Gulf oil terminals, while also reducing shipping congestion through the Straits of Hormuz, cutting insurance costs and saving up to three days in journey time.

### Facilities

- 370 km long and 48 inches diameter pipeline
- 8 tanks which 1 million barrel working volume and diameter of 110m.
- Loading lines 64 inches (1.5m)
- 12 ship loading pumps for a loading capacity of 80,000 bbl/hr for each SPM.
- 3 SPM deep water loading for VLCCs with 320,000 DWT.
- 3 loading lines (48 inches) for 80,000 bbl/hr for each line.

These SPMs operate separately from the Port, although the Port remains responsible for all Marine activity - tugs pilots etc.

The Port of Fujairah is able offer additional, professionally identified, SPM locations for this and other projects in its calm and deep waters

***In short Fujairah has become a strategic position with strategic facilities -a process which continues.***

## Power and Desalination Plants

There is an indisputable logic to moving Desalination and power plants out of the Gulf to the more welcoming embrace of the Arabian Sea and Indian Ocean where salt emission is a lesser problem.

Two facilities are in operation at Qidfa, on the Coast, to the North of the City of Fujairah.

- ◆ The Emirates SembCorp Water and Power Company (ESWPC) with a total Net Generation Capacity of 760 MW and Net water Production Capacity of 100 MIGD
- ◆ Fujairah Asia Power Company (FAPCO) with a total Net Generation Capacity of 2000 MW and Net water Production Capacity of 130 MIGD



# OTHER BUSINESS COMMERCIAL AND INDUSTRIAL INITIATIVES

## Free Zone

Land and support are available for all types of acceptable commercial and industrial ventures

## Tourism

Returning to the experience of those early travelers, Fujairah, in spite of its commercial success is a largely unspoiled Emirate, rich in history and culture and rich in protected natural scenery.

The Emirate offers a vibrant Tourist experience with 5 star hotels, close to the oceans, and away from the pressures of more populated areas with easy access to new Malls in the city centre and immediate vicinities.

***The Emirate of Fujairah embraces this progress and synergy with global international trade and markets and welcomes the opportunity for continued and increased cooperation and trade.***