

# generating

## new value in energy industry changes

### **Commercial Dispatch Gas Shipper (CDGS): TPA Shipper Logistic Solution**

**Deregulation process in the Gas Sector opens a wide range of opportunities and benefits as also increases the efficiency of the whole sector deriving in improvements of guarantee of supply and reduction of commodity cost for final customers.**

**Gas Value Chain Players are to adopt adequate world-class solutions and tools in order to succeed in a Changing and Challenging Environment in order to cope with competition and meeting final customers' demand**

**Key factors to succeed in deregulated markets rely on the Shippers' capability to Optimize Gas Procurement Contracts, Adjust Gas Transmission and Storage Capacity Booking and improve the final Customer Management**

#### **The CDGS Integrated Solution**

The CDGS Integrated Solution provides Shippers with an entire toolset covering end-to-end gas value chain's business processes. These imply interaction with other Shippers, Transporters, Wholesale and Retail Markets (both in power and gas) as well as Regulators/Authorities.

Optimizing Capacity Booking and Nominations derive in a competitive driver that minimize the cost of delivering gas through the transmission system and eventual storage requirements as avoidance of penalties and imbalances

Wholesale Markets in mature sectors implies different type of Gas Procurement Contracts and sources that must be managed as a whole.

- LNG Vessels Gas Delivery
- Gas Hub and Interconnections
- Financial contracts
- Future Contract with physical delivery (take or pay)
- Long Term Contracts

Several Major Shipping Companies as **Viesgo** and **GNF** have trusted in **CDGS** as their backbone system to manage their commercial activities.



Viesgo is one of the major shipping Companies In the Iberian Market. Owns and operate 2 GW CCGT Power Plants and Deliver gas and power to a total of 750,000.00 Customers



GNF is the incumbent Gas Shipping Company in Spain. As Power Generator it owns 7 GW CCGT in the Iberian Market. Its Equivalent gas sales reach 630,000.00 BBTu per year. Has presence over 30 Countries.

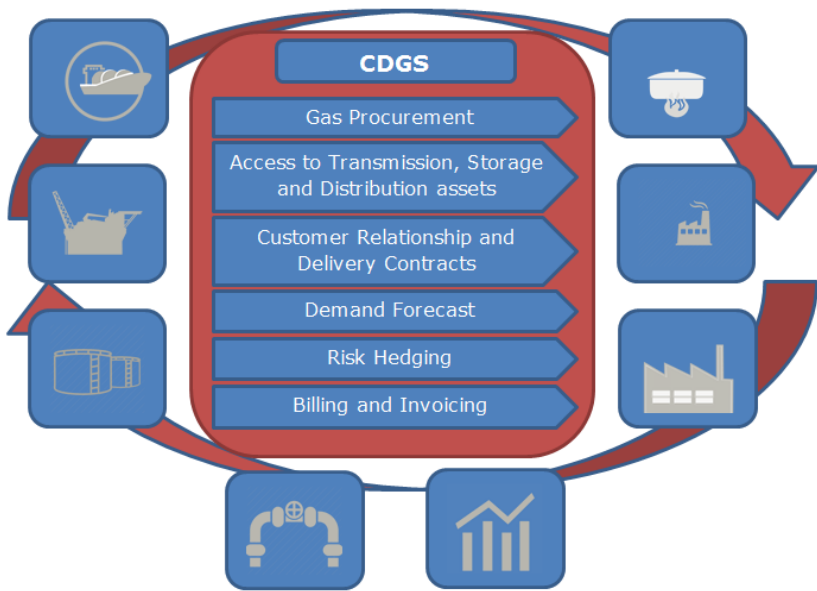
# The most appropriate, fully integrated system

## End-To-End Commercial Dispatch Gas Solution for Shippers

### **Modularity and Flexibility**

Modularity and flexibility are key features of the CDGS Solution aiming to meet regulatory changes with minor adaptations and ending implementations with total adaptability to aspects as:

- Degree of Market Maturity: It is adaptable to just liberalized sectors and to fully deregulated gas markets
- Regulatory transitional provisions: In the path to the opening of gas sectors with consequent unbundling of activities and new players transitional provisions are normally in force temporally
- Gas Multisource treatment and management: The source of gas might come from different basins or regions worldwide and chemical composition and gas quality is consequently accounted
- Power Gas Demand Specific Functionalities: Gas demand for power generation has specific features others than industrial customers



### **Fully Integrable & Open Web Based Architecture**

The Architecture of the System is based in Java and Oracle making the CDGS the ideal solution to be integrated in existing organizations' systems. Successful experiences have been implemented with existing SAP, Metering and SCADA systems, minimizing the impact of the deployment of the system and leaving the Shippers the election to adapt their physical HW Architecture according to their needs along the time as long as needs as number of users, transactions and BI and Big Data Strategies evolve.

Web based architecture also endow the CDGS with an extremely high flexibility for the users of the system since no client specific needs are requested to access and interoperate with the core functionalities beyond regular web browsers what avoids disruptions of Client specific needs.

***We Provide World Class Energy Commercial Solutions, We Are System Integrators and We Know our Customers' Needs in Advance since We are Experts in Energy Markets With a Long Track Record in Deregulating Processes***