

# Das Energy Systems

Your Power Generation Solution Partner  
Since 1998

# Brief Information about DAS Energy Systems

- Das Energy Systems is a EPC (Engineering, Procurement, and Construction) company established in 1998 in Istanbul, Turkey.
- Das Energy has provided turnkey solutions to its customers located in Europe, Asia, Africa, and Turkey.
- Since 1998, Das Energy erected and commissioned 20 power plants with more than 40 generators.
- In 2012, Das Energy erected and commissioned 3 x 1.8 MW crude oil pumps in Iraq.
- In 2013, Das Energy relocated 98 MW, 2 GT & 1 Steam Turbine, combined cycle powerplant to Asia. In 2014 this project continued with a follow on 132 MW project with 2 GT & 1 Steam turbine.
- Das Energy has a working culture with different customers and contractors all around the world.

# Services

- Project Development: Consultancy services and engineering design support.
- Procurement: Assistance for procurement of electrical & mechanical equipment such as fuel conditioning units, pumps, radiators, electrical panels and switchgear, control systems, boilers, generators, transformers, cables, cable trays, piping material.
- Heavy Lifting & Logistic (Sea & Land) Solutions:
- Civil works and other constructions works such as erection of fuel tanks and steel works.



# Services Continued

- Installation: Project management, supply of experienced key technical personnel, mechanical and electrical contracting works.
- Commissioning
- Maintenance & Spare Parts
- Upgrade/Retrofit
- Health Check of power plants
- High pressure and low pressure water mist system applications

# References

- ORTADOGU RULMAN SANAYI-Polatli Ankara/TURKEY (2 x 3,8 MW) - HFO
- SAMUR HALI –Ankara/TURKEY (2 x 3,8 MW) - HFO
- ISPARTA MENSUCAT-Isparta/TURKEY (3 x 3,8 MW) - HFO
- CETINKAYA MENSUCAT- Kayseri/TURKEY (3 x 3,8 MW) - HFO
- AKBASLAR TEKSTIL- Bursa/TURKEY (1 x 3,8 MW) – HFO
- EFES PILSEN – Ankara/TURKEY (1 x 3,8 MW) – HFO
- MED UNION CONTAINERS – Izmir/TURKEY (1 x 3,3 MW) – HFO



## References Continued

- GADOON AMAZAI TEXTILE – Gadoon/PAKISTAN (3 x 4,1 MW) - HFO
- ALTACA INSAAT – Atrau/KAZAKHSTAN ( 1 x 250 KW) –Natural Gas
- SC RULMENTI BARLAD Barlad/ROMANIA ( 2 x 6 MW) - Natural Gas
- SISTEM YAPI 2 x 400 kW Sibiui/ROMANIA( 2 x 400 kW) –Biogas
- SISTEM YAPI 2 x 400 kW Galati/ROMANIA ( 2 x 400 kW)-Biogas

## References Continued

**DIUSA RENDERING Milan/ITALY ( 1 x 3,8 MW) - Fuel :Animal fat**  
**LIPITALIA 2000 Turin/ITALY ( 2 x 3,8 MW) – Fuel :Animal fat**

Dismantled 3 engine power plant from Turkey and shipped to Italy.



Erected the power plant in 2 locations using A305 & A316 stainless steel pipe material.





## References Continued

### **CIMENT DE MAURITANIE MAURITANIA (1 x 3,8 MW) - HFO**

Dismantled the power plant from Turkey.  
Procured materials such as radiators, pipes,  
MV & LV switchgear for the customer

Erected and commissioned the power  
plant in 2008. Providing maintenance  
and spare parts since then.





## References Continued

### **SOMELEC Nouakchott/ MAURITANIA 9 x 4.1 MW - HFO**

Lifting and placement of 9 generators were undertaken by Das Energy.



Supervised the mechanical and electrical local subcontractors during erection. Commissioned 9 generators.





## References Continued

### JUBILANT INFRASTRUCTURE Gujarat/INDIA 3 X 5 MW (Gas Turbine) –Natural Gas

Dismantled 3 gas turbines from 3 power plants in Turkey



Erected 3 gas turbines with boilers in India with Indian subcontractors.





## References Continued

### **PETRO CHINA BASRA / IRAQ 3 X 1.8 MW Crude Oil Booster Pump - Diesel**

Supervised the Chinese sub contractor for the erection works.

Commissioned 3 x1.8 MW crude oil pump sets and auxiliaries.





## References Continued

### **MYANMAR LIGHTNING CO/Dismantling, transportation, and installation of 98 MW combined cycle power plant**

Mechanical and Electrical Dismantling of the power plant



Mechanical and Electrical Dismantling of the power plant





## References Continued

### MYANMAR LIGHTNING CO/Dismantling, transportation, and installation of 98 MW combined cycle power plant

Serviced the main generators

Dismantled main components for inspections and workshop maintenances





## References Continued

### MYANMAR LIGHTNING CO/Dismantling, transportation, and installation of 98 MW combined cycle power plant

Heavy lifting of the power plant



Inland and sea transport to new location





## References Continued

### **MYANMAR LIGHTNING CO/ Dismantling, servicing, and transportation of 98 MW combined cycle power plant**

Supervised the civil work operations in Myanmar





## References Continued

### **MYANMAR LIGHTNING CO/ Dismantling, transportation, and installation of 98 MW combined cycle power plant**

- Frame 6B gas turbine has been in commercial operation for one year. LM2500 gas turbine in commercial operation since February 2015. Installation works are going on.





## References Continued

**By end of September 2014 we started the dismantling of 132 MW combined cycle power plant for ASIATECH ENERGY PTE LTD**





## References Continued

Middle of April 2015, GTs ready for commissioning



Our photo shoot after the delivery of the first unit





# Sea Transportation

**Discharging in open sea**



**Cargo discharged to the barges**



# Das Energy Contact Info

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