

## WASTE TO ENERGY

### Operation and Maintenance Services



#### SEMAR MARINE AND INDUSTRIAL FOREIGN TRADE Co. Ltd.

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#### MIDDLE EAST POWER

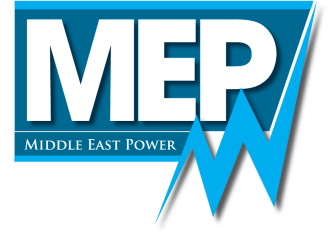
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# Waste to Energy O&M Services



## OPERATION

SEMAR and MEP provide maintenance & operation services to energy plants. Both companies has extensive O&M experience with a wide range of fuels, equipment and operating conditions. Plant owners can take advantage of this O&M expertise with all types of power generation applications.



Operating a waste recovery plant requires know-how that guarantees their level of productivity and their longevity. SEMAR and MEP improve the energy efficiency of the sites it operates and helps to reduce the environmental impact of waste-to-energy conversion. Our operational services are designed and implemented to consistently achieve this objective by;

- Operating plants in a safe, compliant and efficient manner
  - Developing and implementing formal procedural, maintenance, environmental and safety management programs
  - Maintaining overall care and control of the plant and site
  - Advising and recommending tooling and inventory requirements
  - Recommending procedural changes, when necessary, to improve operation
  - Responding and adjusting to changing operating conditions
- Management and supply of spare parts,

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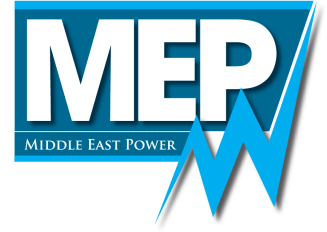
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## MAINTENANCE

As operators, MEP and SEMAR also carry out maintenance of waste plants. SEMAR's technical expertise and its close proximity to clients mean that its maintenance solutions can be deployed within tight deadlines. Our maintenance service is long-term performance by combining of;



- Preventive, predictive, scheduled maintenance
- Where necessary, modifying the plant to meet new regulatory standards as they evolve, or adapting the installation to emerging environmental constraints.
- Trouble shooting and ensuring equipment is in operating condition,
- Providing tailored operational support and training.
- Maintenance management, comprising both planning and execution.



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