JHM CONTROLS & ENGINEERING

COMPANY PROFILE

POWER PLANT MAINTENANCE AND CONSULTING

+66(0) 32 240 491 Info@jhmcontrols.com www.jhmcontrols.com

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ABOUT US

JMH has been a distinguished provider of Maintenance and Engineering services for Power Generation Plants since its inception in 2001. With over two decades of expertise, our company specializes in conducting both Minor and Major Inspections for Gas Turbines, Steam Turbines, Generators, and HRSG. Our comprehensive services extend to on-site engineering and modification tailored to meet the specific requirements of our esteemed customers.

Moreover, we possess the requisite capacity and state-of-the-art facilities for the fabrication and installation of Gas Turbines and Steam Turbines Modules. This encompasses the provision of lifting gear and Tooling Containers to ensure a seamless and efficient process. At JMH, we are committed to delivering high-quality solutions that align with the exacting standards of the power generation industry.



JHM Timeline

2001

JHM Controls & Engineering
was Officially Established since 2001, Providing services in Maintenance and Engineering for Power Generation Plant

2009

JHM Power
Providing Electrical Works related support for Electrical Maintenance e.g., Transformer, Generator, Electrical Rotation, Switch yard, Switch Gear

2014

JHM International
Providing Maintenance and Engineering Services for Power Generation Business outside Thailand

2019

JHM New Office and Workshop
Completed build New workshop and Office located at Ratchaburi Industrial Estate



2023

JDeladi (JV Company)
A JV company to provide fully Energy Solution for Brunei country.

JHM Controls and Engineering Co., Ltd.

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VISION

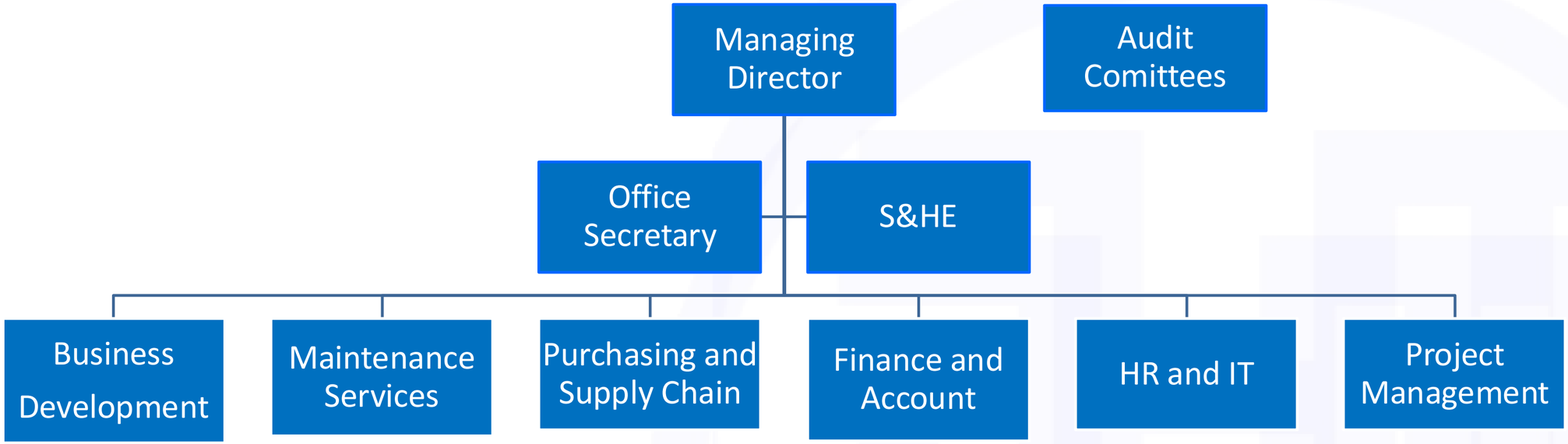
"Deliver clients the best solutions through Innovative Engineering and Technologies."

MISSION



- Aim to provide professional services with cost-effective solutions by ensuring Quality, Reliability and Safety.
- Exceed expectations of our clients with high-quality output that increases our client's profitability and maximizes up-time for their systems.

COMPANY STRUCTURE



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OUR NEW WORK SHOP AND SERVICES

- Operation and Maintenance Services
- Engineering Services
- Fabrication Services
- Supply Chain Management buying and selling power plant
- Renewable Energy Solutions



- ***JHM's has Several Facilities and Warehouses***
- ***Located in Ratchaburi Industrial Estate.***
- ***Just 90 minutes from Bangkok!!***

MAINTENANCE SERVICES

o Gas Turbine Outage Maintenance

- Combustion Inspections
- Hot Gas Path Inspections
- Major Overhauls

o Steam Turbine Outage Maintenance

- Minor Inspections
- Major Overhauls

o Generator Outage Maintenance

- Generator Major Inspections
- Generator Minor Inspections

o Other Outage Maintenance

- HRGS Inspections
- BOP System Inspections



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Calibration Instrument

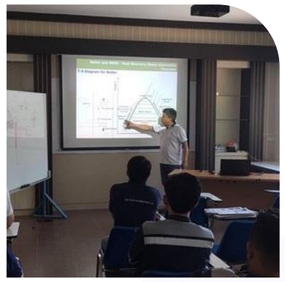
- Temperature Element and Transmitter
- Pressure Transmitter and Switch
- Flow Transmitter
- Vibration Sensor
- Temp Gauge, Pressure Gauge
- Limit Switch







JHM Training Service





- Basic Power Plant
- Operations & Maintenance for Gas and Steam Turbine
- Combined Cycle Power Plant
- Machinery Alignment
- Power Plant Safety
- Generator Control & Maintenance
- Gas Turbine Control System
- Customized Training Course

Engineering Service



- Reverse Engineering
- RCA, Failure Analysis & Investigation
- Electrical Engineering
- Comprehensive QHSE Program
- Gas Turbine and Steam Turbine On Site Technical Support

Electrical *(Installation, Testing, Inspection & Troubleshooting)*







- Power / Distribution Transformer
- Generator
- GIS
- Power Circuit Breaker
- Switchgear / MDB / ACB
- Instrument Transformer
- Motor & Control System
- Battery & Battery Charger
- Grounding System
- Protective Relay
- Power Cable
- Generator Excitation System
- Generator Instrument Calibration
- Power System Protection

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FABRICATION SERVICES

- o GE Off Base Skid
  - Fuel Gas Skid
  - Lube Oil Skid
  - Lube Oil Cooler
- o GE Frame 5 and Frame 6
  - Exhaust Plenum













SUPPLY CHAN MANAGEMNT

- **o Spare Part for Gas Turbine and Steam Turbine**
  - Gas Turbine Spare Parts
  - Steam Turbine Spare Parts
- **o Serviceable Gas Turbine**
  - 4 Unit 6561 upgraded to 6581
- **o Other BOP Spare Parts**













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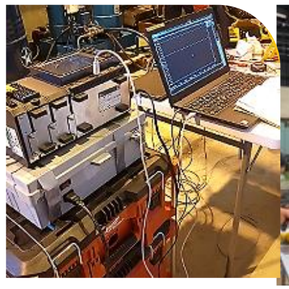
SUPPORTING SERVICE SOLUTIONS

Field Supports











- Unscheduled outages
- On Site Outage management
- Fuel conversions
- Generator Rewind
- Plant commissioning
- Power Plant upgrades
- Power Plant relocation
- Condition monitoring and diagnostics
- Boiler Inspection and Certified
- Lifting Equipment Test and Certified
- Contractual maintenance agreements
- Control systems upgrade and retrofits







OUR PARTNERS

Our Clients are from both Domestic (Thailand) and International (e.g., Brunei, Vietnam and Myanmar).

General Electric
EGAT
EthosEnergy
MOEE
SCG PAPER
MITR PHOL KALASIN
GLOW
SIEMENS
B.GRIMM SINCE 1878
GULF
GPSC
NPS green energy

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Our Portfolio

300+

Trust by Clients

100+

Our Team

98%

Customer Satisfaction















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CERTIFICATIONS

Safety is our First Priority

ISO 9001 : 2015

ISO 14001 : 2015



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COME CONNECT WITH US!

HEAD OFFICE

155/85 Ratchaburi Industrial Estate
M.4 T.Chet-samian A.Photharam
Ratchaburi 70000 Thailand
Tel. +66(0) 32 240 491
Fax.+66(0) 32 240 490
E-mail: Info@jhmcontrols.com
Website: www.jhmcontrols.com



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