



# Gas Engine Service





## Gas Engine Service

Regular service and Planned Preventive Maintenance of your gas engine installation protects against loss of income due to breakdown and/or down-time.

As a requirement from your gas engine manufacturer as well as your insurance company a regular service regime has to be implemented to protect the production facility.

Xergi offers a range of required gas engine service overhauls for a selected series of gas engines where the client's O/M staff participates under competent supervision by qualified Xergi staff:

### 2,000 hours service overhaul:

- Minor service overhaul which requires few spare parts mainly some gaskets, washers and filters. Engineers to check e.g. valve clearance and spark plug gaps etc.  
*Duration approx. 4-6 hours.*

### 10,000 hours service overhaul:

- As for 2,000 hours service overhaul, but extended with exchange/check of e.g. turbo charger, lubrication cooler pump, oil pump, starter etc.  
*Duration approx. 6-10 hours.*

### 20,000 hours service overhaul:

- First vital service overhaul on a biogas gas engine. Several internal parts exchanged in the gas engine e.g. cylinder heads, liners, pistons, main bearings, turbo renewal etc.  
*Duration approx. 8-10 working days.*

### 40,000 hours service overhaul:

- Main "mid life" extended service overhaul. Works as for 20,000 h service overhaul but also includes various generator service checks.  
*Duration approx. 10-14 working days.*

### 60,000 hours service overhaul:

- Life-cyclus exchange/rebuilding of the gas engine. Gas engine to be exchanged with a "long block" gas engine from the manufacturer. Planning, decommissioning and re-commissioning.  
*Duration approx. 8-10 working days.*

All service overhauls according to manufacturer's technical documentation and maintenance schedule.

Each planned service overhaul can be provided at a fixed price for parts and labour (travel and lodging at cost).



- excellence in biogas

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