



**MPS IPPC PERMIT
RENEWAL APPLICATION**

**Presentation to
ERA Board**



MPS IPPC Permit Renewal application

- The original MPS IPPC permit was issued for the operation of the MPS plant consisting of 6 boilers and corresponding steam turbines and stacks and a gas turbine and corresponding stack as well as the unloading to and storage of heavy fuel oil in 6 HFO tanks and unloading to and storage of gasoil in 1 gasoil tank.
- The current IPPC permit, Revision C, was issued by ERA on the 15th September 2017.



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- The complete steam turbine plant including the 6 HFO tanks were all decommissioned and dismantled.
- Dismantling works were completed in 2018.
- The only remaining plant at MPS is one gas turbine and one gasoil tank.



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- This plant is being used for emergency purposes only.
- The gas turbine is normally being operated for up to 2 hours per month for maintenance purposes, as per manufacturer's recommendations and less than 500 hours annually.



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The year 2020 was an exception with the gas turbine having to operate continuously during Q1 2020 to compensate for missing capacity from the interconnector when this was damaged in December 2019.



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- Emissions to the environment resulting from the operation of the gas turbine are mainly emissions to air.
- Emissions to air are being calculated using the calculation method since the gas turbine operating hours do not exceed the 500-hour limit imposed by legislation.



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- The gas turbine is not water cooled and hence there is no seawater discharge.
- Emissions to sea are from site storm water runoff and any water discharge from the interceptor located in the gasoil tank bund.



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- The waste generated at MPS is mainly waste from administration with small quantities of waste being generated from the maintenance of the emergency plant.



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- Noise monitoring is carried out annually at 2 noise sensitive receptors for only a few hours during the day to reflect the current operation of the gas turbine.
- No environmental-related complaints were received since the latest revision of the IPPC permit was issued in 2017.



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- MPS is certified to ISO 14001:2015 standard by Bureau Veritas Hellas M.A.E.
- The first ISO 14001 certification for MPS was obtained on the 2nd August 2011 and subsequently reconfirmed each year with the latest audit being held on the 22nd July and certification reconfirmed.



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- Should the gas turbine revert to normal operation, the following BAT techniques will be considered and/implemented:
 - Sectoral Benchmarking
(Comparison with established energy efficiency benchmarks)



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- Re-installation of a Continuous Emission Monitoring System for the monitoring of air emissions
- Installation of abatement for the reduction of NO_x emissions



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THANK YOU