

# M2G CASE STUDY

GEM-Utilities Ltd

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## Carton House make the M2G call !

14 miles from Dublin, 11,000 acre estate, World class Golf , Spa with pool, 2 golf courses, home to the Irish Rugby Team ... who doesn't know the Carton House Estate !

### Project Details

#3 M2G controls complete with digital sensing probes and interface units were installed on the #3 1Mw Rendamax Type Boilers Model 280 with RWF modulating control. The project was completed in one day without any interruption to Hotel heating or hot water demand. Daily consumption data was used to calculate the savings . Over 480 daily kWh data points were plotted against daily HDD for a base temperature of 15.5°C.

The project delivered annual savings of 2,742,725 kW based on 2015 baseline with monetary savings of €43,884 and Co2 savings of 412,666 Kg/Co2.

Simple payback (SPB) under normal pricing regimes of just 3 months.

More detail available on request at [info@gem.ie](mailto:info@gem.ie)

*'This was a straightforward retrofit project which was fully sponsored ... delivering savings of 23% on our gas bill with seamless project management from GEM'*

*Donal Murphy*

*Carton House*

*Energy Manager*



Carton House & Spa, Co Kildare., Ireland.

### Highlights

- Savings to IPMVP
- EEOS full support
- Simple Retrofit
- No loss of comfort
- Same day completion
- 3 month payback