

Diesel savings through use of JTM Energy battery storage system



The Challenge

- ✓ Clancy Construction's St Laurence's site in Stillorgan, Dublin could not get a grid connection
- ✓ Three 200KVA diesel generators operated 11 hours per day to supply power to two tower cranes and site offices
- ✓ Clancy approached JTM Energy for a Battery Energy Storage System to reduce diesel consumption of their generators

The Solution

- ✓ 160KVA Energy Storage System with 240KWh battery storage
- ✓ A single generator was used to charge the batteries and assist in times of peak loads

The Result

- ✓ 24 hour supply of power to site
- ✓ One generator operating as little as 2 hours per day
- ✓ Two of three generators no longer required



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"All our generators were running 11 hours per day prior to the arrival of the battery. Once the system went online, we were immediately able to stand down one of our three 200KVA generators. By the second week we were able to decommission a second generator and were able to reduce the run time of the remaining 200KVA generator to 2.5 hours per day".

Mark Clancy, Plant Manager, Clancy