

*This project involved the construction of a 600m<sup>3</sup> reinforced concrete foundation base, to receive a 50MW Pratt and Whitney generator. The base was constructed in one continuous pour, which included 82 tonnes of steel reinforcement, tied in the base. Holding down assemblies of various shapes sizes and combinations were cast to very precise tolerances. Drainage pipes, gullies and ducting were also cast into the generator foundation and included the installation of a below ground earthing system. Upgrading of the existing access roads were required.*



***ESB Peaking Capacity Generating Station  
at Tawnaghmore, County Mayo***

*Client – ESB Power and Generation*

*Engineer – ESB International*

*Construction Period – 31<sup>st</sup> March 2008 – 20<sup>th</sup> June 2008*

*Value - €625,000.00*