

Green Technology Initiative – Carbon Intensity Reduction

by

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ABSTRACT

Malakoff Corporation Berhad (MCB) as one of the largest IPP in Malaysia has taken the initiative to calculate and monitor the carbon footprint to reduce the GHG emissions from its operations in Malaysia. The study has managed to gain information's for the year 2008, 2009 & 2010.

MCB's 3 years average carbon emission factor (**CEF**) has a higher value compared to peninsular Malaysia (PM) grid CEF. This is due to higher emission intensity from the coal-fired power plant.

Concerning the economics, social & environmental sustainability of the company, MCB has set up a roadmap in the initiative to reduce the carbon emission factor at par to PM grid emission factor by 2020. A green technology initiative division has been established in 2010 with an ultimate target of building a significant renewable portfolio.