

CONSTRUCTION DESIGN & MANAGEMENT



The Construction (Design and Management) Regulations 2015 (CDM 2015) place legal duties on everyone involved in the construction industry with a view to improving the co-ordination and management of health and safety issues throughout the whole project lifecycle. The Principal Designer, a new role introduced in CDM 2015, plays a key role during the pre-construction phase.

On complex projects like offshore wind farms with potentially many discrete packages of work, it is important that the Principal Designer is appointed early in the project lifecycle and also has a strong understanding of the risks and technical challenges posed by the project.

CDM 2015 – Helping clients deliver projects safely

As Principal Designer, RES can help clients by:

- Ensuring the client is well briefed on their own duties
- Supporting the client with the preparation of the project brief
- Supporting the client during all stages of project planning
- Ensuring that health and safety become an integral part of the project lifecycle
- Ensuring that designers work together to design out risk
- Ensuring good co-ordination and communication between duty holders

Offshore wind farms involve construction and operation activities in inherently dangerous environments and so it is vital that health and safety considerations are an integral part of the project development process, from concept design right through to construction and operation.

The new CDM 2015 regulations place an increased onus on the important role played by the client in influencing project delivery and also introduce the new role of the Principal Designer. The Principal Designer will be responsible for taking the lead during the pre-construction phase to help manage and co-ordinate health and safety issues during initial design development.

Having been involved with the offshore wind industry since the beginning, we have an excellent understanding of the unique risks posed by offshore wind. With extensive design experience and a strong health and safety culture embedded throughout the organisation, RES are well placed to either take on the role or support the Client in delivering the Principal Designer duties during the pre-construction stage.

About RES

Offshore, RES offers integrated development, engineering, construction, asset operation & maintenance services for utility-scale offshore wind, wave & tidal energy projects internationally. We have so far consented over 350MW of offshore capacity, and have over 5,000MW offshore development expertise. RES is one of the world's leading independent renewable energy companies, which has developed and/or built over 9000MW of renewable energy capacity worldwide. Our core activities are in Wind & Solar, and technologies that enable a low carbon future – Energy Storage, Transmission and Demand Side Management.

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