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## Press Release

TMD Technologies well placed to help MOD tackle green challenge

The commitment made last year by the Ministry of Defence to saving energy through a sustainable development action plan could be helped by TMD Technologies. TMD's travelling wave tube (TWT) components used in military and civilian radar systems use significantly less energy than comparable solid state systems, and so could play a valuable role in cutting the MOD's carbon footprint.

"We welcome the MOD's commitment to saving energy," said TMD sales director Graham H Brown. "It is a policy we also support with our own products."

One of the technological advantages of the company's TWT systems is their relatively low energy requirements. The energy savings can be significant, since the TMD's S band tube systems have almost twice the efficiency of solid state alternatives, while its X band tube systems perform at nearly three times the efficiency. They also have lower total life cycle costs, which saves energy as well as costs.

The MOD's sustainable development action plan has a target of reducing CO<sub>2</sub> emissions by 15 per cent by 2012, through increased energy efficiency, reducing energy consumption, and investing in more sustainable technologies.

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Photo caption

TMD's microwave tube based "hybrid" transmitters use significantly less energy than solid state alternatives.

Notes for editors

TMD Technologies is one of the world's leading designers and manufacturers of specialised transmitters for radar and electronic warfare applications, high voltage power supplies and microwave tubes. The multiple Queen's Award winning company also produces a range of advanced commercial microwave amplifiers for EMC testing and scientific applications.

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