

Large scale generators for 10MW offshore wind turbines

PRESENTED BY:

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AML IS DEVELOPING A SUPERCONDUCTING ELECTRICAL GENERATOR, BASED ON PATENTED DOUBLE-HELIX™ MAGNET COIL TECHNOLOGY, WHICH PROVIDES A NUMBER OF SIGNIFICANT COMMERCIAL BENEFITS FOR LARGE WIND TURBINES. THE AML SUPERCONDUCTING GENERATOR TECHNOLOGY IS DISRUPTIVE CONSIDERING THE FACT THAT CURRENT TECHNOLOGIES ARE LIMITED TO POWER LEVELS WELL BELOW 6 MEGAWATTS. THE INITIAL MARKET FOR THESE GENERATORS IS OFFSHORE TURBINES OF 10 MEGAWATTS OR GREATER.

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