



**EUTurbines – GC ESC
On SPGM definition – Recital (11) and Definition 2(9)**



EUTURBINES – SPGM Definition and Recitals



- EUTurbines supports amendment proposals based productive collaboration with ENTSO-E, EU-DSO and other EU stakeholders during SPGM workstream
- EUTurbines noted that in latest proposed definition the term «machine» is extensively used
- It is considered that this term can lead to mis-interpretation, for example, it seems it can imply that a plant (even complex ones) can be considered as a «machine» with possible requirements and obligation (certification etc.) associated to such equipment
- The understanding is that during the discussion is that such implication was not intended or intentional
- However EUTurbine tried to reformulate the proposed recital (11) and definition 2(9) using the RfG definitions



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Recital (11)

The significance of power-generating modules should be based on their size and their effect on the overall system. **A synchronous generating unit comprising a single synchronous alternator capable of independent operation shall be classed on the generating unit size and include all the components of the machine that normally run indivisibly. A generating plant which includes multiple generating units comprising synchronous alternators that cannot be operated independently from each other, such as combined-cycle gas turbine installation, should be assessed on the compounded capacity of those generating units.**

Non-synchronously connected power-generating units of the same underlying technology, ...



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Definition 2(9)

‘synchronous power-generating module’ or ‘SPGM’ means **a generating unit comprising a single synchronous alternator capable of independent operation, or a set of generating units comprising synchronous alternators**, which cannot be operated independently from each other and can generate electrical energy such that the frequency of the generated voltage, the generator speed and the frequency of network voltage are in a constant ratio and thus in synchronism;



Thank You