

EFK Consulting Engineers A.C.N 057 945 007
Specialising in Electrical Design & Drafting

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Attn: Lincoln Flindell,
Manager Projects (ERA)

**RE: Application for an exemption from certain requirements of the Western Power
Technical Rules - Wagin Substation**

I am advised that the Network Operator [Western Power] is calling for a reverse power response time of 0.4 seconds, while the Customer would prefer to use a response time of 1-second for this protective function.

In my opinion, the reverse power protection function is largely academic, since induction generators cease to generate in the absence of network supply and can therefore not generate any power for more than about 0.2-seconds.

On the basis of the foregoing, the granting of the 1-second response is not considered to place the network at risk.

We therefore recommend that this derogation request should be accepted.

EFK Consulting Engineers have been facilitating the connection of embedded generators of all types for the last 25 years and are well known to the local Network Operator (WP).

Yours faithfully,

A large black rectangular redaction box covering the signature of Erich Klicker.

Erich Klicker FIEAust CPEng NPER Mem.No.45090