

Schedule 1 – Delegated Functions

NER reference	Subject Matter	Delegated Function	Limitations/Conditions on Delegated Function
4.10.3 & 4.10.5	Liaison with DSOs	Within the AEMO Operational Zone, AEMO's responsibilities under clause 4.10.3 and 4.10.5 of the NER to maintain effective communications with each DSO whose <i>distribution network</i> is <i>connected</i> to ElectraNet's <i>transmission network</i> concerning the conditions of the DSO's <i>distribution network</i> and to co-ordinate activities where either ElectraNet's or the DSO's operations are anticipated to affect other <i>distribution networks</i> or <i>transmission networks</i> .	<p>Without limiting the generality of this Delegated Function, ElectraNet will interact with DSOs and co-ordinate activities with DSOs for the following purposes:</p> <ul style="list-style-type: none"> • co-ordinating <i>planned outages</i>; • identifying fault contributions to ElectraNet's <i>transmission network</i> resulting from the actions of <i>embedded generating units</i>; • requiring the activation or de-activation of DSO <i>reactive plant</i>; • implementing <i>load shedding</i> and <i>load restoration</i>; and • implementing a <i>system restart plan</i>, <p>as required by the Regional Power System Operating Procedure – South Australia.</p> <p>ElectraNet will keep AEMO informed in a timely manner of all communications with DSOs and the impact of each DSO's activities and <i>distribution networks</i> on the <i>power system</i>.</p>
4.10.4	Liaison with DSOs	AEMO's responsibility to receive notices from DSOs affecting the AEMO Operational Zone under clause 4.10.4 of the NER.	<p>Without limiting the generality of this Delegated Function, ElectraNet must receive the relevant notices under clause 4.10.4 of the NER and:</p> <ul style="list-style-type: none"> • take them into consideration when undertaking any Delegated Function in relation to the AEMO Operational Zone; and • advise AEMO where required by the Regional Power System Operating Procedure – South Australia.
4.3.1(s)	Load Shedding and Restoration	Within the AEMO Operational Zone or the ElectraNet Operational Zone, AEMO's responsibilities to co-ordinate and direct any rotation of widespread interruption of demand in the event of a major <i>supply</i> shortfall or disruption.	<p>This Delegated Function must be carried out in accordance with the <i>load shedding procedures</i> and is restricted to the following activities:</p> <ul style="list-style-type: none"> • upon receipt of a direction under the NEL from AEMO to commence <i>load shedding</i>, ElectraNet must determine whether <i>load shedding</i> can occur from <i>transmission connection points</i>, or <i>distribution connection points</i>; • if <i>load shedding</i> is to occur from <i>transmission connection points</i>, ElectraNet must determine the <i>connection points</i> from which <i>load</i> will be shed; • if <i>load shedding</i> is to occur from <i>distribution connection points</i>, ElectraNet must transmit AEMO's direction to the DSOs in South Australia; and

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			<ul style="list-style-type: none"> upon receipt of a direction under the NEL from AEMO to restore <i>load</i>, to restore <i>load</i> to <i>transmission connection points</i>, or transmit AEMO's direction to the DSO, as appropriate. <p>This Delegated Function does not extend to the following:</p> <ul style="list-style-type: none"> the issue of directions under the NEL or issued under clause 4.8.9 of the NER; compliance with directions under the NEL issued by AEMO; the provision of interruptible <i>load</i> under clause 4.3.4(b) of the NER; the maintenance of facilities for rotational <i>load shedding</i> under clause 4.3.4(c) of the NER; the provision of sufficient <i>load</i> under the control of under-frequency and under-voltage relays and automatic and manual <i>load shedding</i> processes under clause S5.1.10.1 of the NER; and the maintenance of a compliance program and testing of <i>control systems</i> for <i>load shedding</i> under clause 5.7.4(a1) of the NER.
4.3.1(a) & (q)	System Restart	Within the AEMO Operational Zone, AEMO's responsibilities to restore or maintain <i>power system security</i> following a <i>major supply disruption</i> .	<p>This Delegated Function must be carried out in accordance with the <i>system restart plan</i> and is restricted to the following activities:</p> <ul style="list-style-type: none"> upon receipt of a direction under the NEL from AEMO to establish a specified restart path, ElectraNet must develop a detailed switching plan; liaise with AEMO and <i>Registered Participants</i> as necessary in the development of the detailed switching plan; and carry out <i>network</i> switching to implement the detailed switching plan and complete the restoration of <i>load</i> in accordance with the <i>load shedding procedures</i>. <p>This Delegated Function does not extend to the following:</p> <ul style="list-style-type: none"> any <i>network</i> switching in response to a direction under the NEL from AEMO to perform specified <i>network</i> switching; development of, and amendments to, ElectraNet's <i>local black system procedures</i>; and compliance with ElectraNet's <i>local black system procedures</i>.
4.3.1(a)	Power System Security within the ElectraNet Operational Zone	Within the ElectraNet Operational Zone, AEMO's responsibilities under clause 4.3.1(a) of the NER.	<p>This Delegated Function is restricted to the following actions, which will be carried out in accordance with the Regional Power System Operating Procedure - South Australia:</p> <ul style="list-style-type: none"> advise AEMO of line <i>outages</i> as specified by the Regional Power System Operating Procedures - South Australia; receipt or assessment (or receipt and assessment) of data related to the status and performance of the ElectraNet Operational Zone to ensure it remains in a <i>satisfactory</i>

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			<p><i>operating state and secure operating state;</i></p> <ul style="list-style-type: none"> • subject to ElectraNet’s legal powers, taking action to restore the ElectraNet Operational Zone to a <i>satisfactory operating state and secure operating state;</i> • where necessary, seeking from AEMO the invocation of <i>constraint</i> equations to restore the ElectraNet Operational Zone to a <i>satisfactory operating state and secure operating state;</i> and • where necessary, seeking from AEMO the issue of <i>directions or clause 4.8.9 instructions</i> to restore the ElectraNet Operational Zone to a <i>satisfactory operating state.</i> <p>This Delegated Function does not include any <i>network</i> switching in response to an instruction from AEMO to perform specified <i>network</i> switching.</p>