

**RFI REGISTER FOR THE KANGAROO ISLAND SUBMARINE CABLE NNOR**

**REQUEST FOR CLARIFICATION OR ADDITIONAL INFORMATION  
RESPONSE REGISTER**



Number	Date Issued	Clarification to SAPN	SAPN Response (Notice to Proponents / Supplementary Notice)
1	26/04/2016	Start and end dates for Summer and Winter Seasons	Summer: 1st December to 28th or 29th February Winter: 1st June to 31st August
2	26/04/2016	Summer N - 1 Probability (The probability that a contingency condition (or event) will occur)	A normal distribution curve based on the standard deviation of the square root of the expected life of a cable (30 years) has been used to formulate the probability of failure of the KI cable. The RIT-D analysis scales the annual probability of failure rate by assuming no cable failure before 2017.
3	26/04/2016	The nominal capacity rating of the network element during summer.	10MVA (Rating of existing cable)
4	4/05/2016	Has any land be defined as potential areas for a large scale PV and wind installation? For PV several hectares would be required (in the order of 1.5 – 2 Hectares per MWp) and for large scale wind we could be looking at 80m towers plus 90m diameter rotors or perhaps larger.	No land has been identified or defined for large scale PV and wind installation. It is the responsibility of the proponent to investigate or source a suitable location for the proposed solution.
5	4/05/2016	Since large scale PV and wind will require planning approval and this is a process with an undefined timeframe, does this rule out large scale PV and wind given the uncertainty on permitting and when would this be granted?	SA Power Networks welcomes all proposal however duration required for planning or environmental approvals has to be considered in your proposal. All proposed solution must be capable of being operational by 1st December 2018. Any deferral of network investment must deliver highest market benefit without increasing SA Power networks liability or risk.
6	4/05/2016	Should large scale PV and wind not be ruled out due to the permitting uncertainty behind them, is the SAPN preference for the proponent to be responsible for the development or will SAPN run this process?	The proponent is solely responsible for the development of the proposed solution.
7	6/05/2016	What is the OPEX associated with the Kingscote Power Station?	The existing Kingscote Power Station is designed as a standby plant to provide network support in the event of a fault or during maintenance and testing of plant on SA Power Networks' distribution network (including 66/33kV transmission lines, Kingscote substation and the undersea cable). As part of the RIT-D analysis, the existing Kingscote Power Station is only to be used as a backup to the proposed network solution (new cable) or the proposed non-network solution (stand alone). Therefore, the OPEX cost should be irrelevant as part of your analysis.
8	6/05/2016	What is the landed cost of diesel on the island?	Proponents are encouraged to consult with Mogas to determine the cost of diesel on the island (variable cost).
9	7/05/2016	What is the OPEX associated with owning/operating the cable?	Yet to be confirmed however expected to be minimal.
10	16/05/2016	What is the SAPN appetite for taking on the NNOR project? Are we serious about pursuing NNOR solutions	SA Power Networks welcomes all non-network proposal that resolves the identified network constraint and satisfies all criteria of a non-network solution as identified in the NNOR.
11	16/05/2016	Without a solution to the regulatory issues, there is no real chance of a viable NNOR solution being implemented?	If the proposed non-network solution is considered to be a viable option during the RIT-D process, SA Power Networks will engage with the relevant Regualtors and assist within our abilities or influence to finalise the regulatory framework.
12	16/05/2016	How do we transition from the NEM to an off-grid (islanded) solution?	An islanded solution would require considerable stakeholder consultation (SA Government, KI Council, AER, ESCOSA etc) to determine the form of regulation and who would oversee that regulation.
13	16/05/2016	Will pricing to customers change under NNOR solution?	If KI is islanded from the National Grid then the form of regulation established post stakeholder consultation would determine if the National Electricity Law and National Energy Retail Law may no longer apply. Pricing may be impacted pending on the regulation framework.
14	16/05/2016	The existing diesel is not sufficient for peak load on the island, has there been any change to this situation?	An additional generator is being installed during mid 2016 to provide additional backup to meet the current peak load of the island.
15	14/06/2016	<b>If the existing submarine cable is still operating and supplying load to Kangaroo Island in December 2018 ,will the existing cable be turned off after December 2018?</b>	<b>No, even if a network support agreement has been arranged for a suitable non-network solution for Kangaroo Island (KI), KI will not be islanded until the existing submarine cable fails.</b>