

Koeberg - EIA process

Agriculture

Significance Rating Table

Cumulative Impacts

Alternative 1 GIS substation

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
Impact 1: Loss or degradation of agricultural land	Nature of impact:	wind erosion, unstable dunes							
	with	1	1	2	2	8	Low		
	without	1	2	2	3	15	Low		
	degree to which impact can be reversed:	low							
	degree of impact on irreplaceable resources:	low							

Alternative 4 AIS substation

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
Impact 1: Loss or degradation of agricultural land	Nature of impact:	wind erosion, unstable dunes							
	with	1	4	2	2	14	Low		
	without	1	4	4	3	27	Low		
	degree to which impact can be reversed:	low							
	degree of impact on irreplaceable resources:	low							

Transmission Line - 1

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
Impact 1: Loss or degradation of agricultural land	Nature of impact:	wind erosion, unstable dunes							
	with	1	1	2	2	8	Low		
	without	1	1	2	2	8	Low		
	degree to which impact can be reversed:	med							
	degree of impact on irreplaceable resources:	low							

Transmission Line - 4

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
Impact 1: Loss or degradation of agricultural land	Nature of impact:	wind erosion, unstable dunes							
	with	1	1	2	2	8	Low		
	without	1	1	2	2	8	Low		
	degree to which impact can be reversed:	med							
	degree of impact on irreplaceable resources:	low							