Koeberg substation - EIA

Agriculture

Significance Rating Table

Construction Phase

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	4	16	Low	-	
	without	2	4	6	4	48	Medium	-	
	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							
	with	1	1	2	3	12	Low	-	
	without	2	2	4	4	32	Medium	-	
	degree to which impact can be reversed:	low							
	degree of impact on irreplaceable resources:	low							

Transmission Line - Alternative site 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							
	with	1	1	2	2	8	Low		
	without	1	1	4	3	18	Low		
	degree to which impact can be reversed:	low							
	degree of impact on irreplaceable resources:	low							

Transmission Line - Alternative site 4

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
	Nature of impact:								
	with	1	1	2	2	8	Low		
	without	1	1	4	3	18	Low		
	degree to which impact can be reversed:	low							
	degree of impact on irreplaceable resources:	low							