Weskusfleur Substation EIA

Social Impacts - Alternative 1

Significance Rating Table

				Construction	n Phase							
Potential Impact	Mitigation	Extent	Duration	Magnitude	Probability		gnificance (E+D+M)*P)	Status	Confidence			
		(E)	(D)	(M)	(P)	(3=)	(E+D+IVI) · P)	(+ve or -ve)				
	Nature of impact:	The construct	ion of the propo	osed substation ca	n create employment	t expectations f	rom job seekers					
	with	1	2	0	1	3	Low	-	Medium to high			
	without	1	3	2	2	12	Low	-	Medium to high			
Influx of job seekers, mainly unskilled labour, from the communities around the power line route having job expectations	degree to which impact can be reversed:		Medium									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:		f toilet facilities	on site are not we	ell managed, these ca	in lead to adver	se health impacts to t	he surrounding o	communities			
	with	1	1	2	2	8	Low	-	Medium to high			
	without	2	2	4	3	24	Low	-	Medium to high			
Health Impacts as a result of exposure to sewage from construction camps and on construction camps	degree to which impact can be reversed:		Medium									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:	Bad cor	duct by the con	struction workers	will have an impact of	on the type of re	elationship between o	contactors and co	ommunity members			
	with	1	1	2	1	4	Low	-	Medium			
	without	2	2	4	2	16	Low	-	Medium			
Conduct of construction workforce	degree to which impact can be reversed:		High									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:				Material can be st	colen from cons	truction sites					
	with	1	3	2	2	12	Low	-	Medium			
	without	1	2	4	3	21	Low	-	Medium			
Theft of construction material	degree to which impact can be reversed:				Medium							

	degree of impact on											
	irreplaceable resources:				N/A							
	Nature of impact:		Land / f	arm owners for wh	nom visual impacts a	re important to	their livelihoods might	oppose the pr	oject			
	with without	1 2	1 2	0 4	2	2 16	Low Low	-	Medium to high Medium to high			
Negative attitudes towards the project	degree to which impact can be reversed:		High									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:	N	More people coming into the area, would mean that the CCTMM has to provide basic municipal services for those people									
	with	1	1	2	2	8	Low	-	Medium Medium			
Pressure on Municipal Services	degree to which impact can be reversed:	2	2 2 4 3 24 Low -									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:	From landowners who are opposed to the project										
	with without	1	1	0 2	1	4	Low Low	-	Medium - High Medium - High			
Land owners denying contractors access to their properties	degree to which impact can be reversed:		N/A									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:		Grazing land area can be lost due to clearing of land for the construction of the substation									
	with without	1	2	2	2	4 10	Low Low	-	High High			
Loss of land leading to economic losses	degree to which impact can be reversed:				High							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:						farms can lead to unea					
	with without	1	2	2	3	4 15	Low Low	-	High High			
Security concerns for neighbouring land/farm owners	degree to which impact can be reversed:				High							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:		Construction	n sites are highly h	arzadous environme	nts and the safe	ety of people and anima	als can be comp	promised			
	with	1	1	0	1	2	Low	-	Medium			
	without	1	2	2	2	10	Low	-	Medium			

Safety of community members/farm workers/and animals	degree to which impact can be reversed:		Medium									
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:	The presence	e of substation	and powerlines pa	rticularly in tourist at	tractions can res	sult in tourists no long	ger visiting the a	rea as their views will be			
	with	1	1	2	1	4	Low		Medium to high Medium to high			
Loss of sense of place/income on – Tourists want to see the Coastal Fynbos be protected on the site	without degree to which impact can be reversed:	1	1 2 4 2 14 Low - N									
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:		1	1		ad to economic						
	with without	1	1	2	1 1	4	Low Low	-	Medium to high Medium to high			
Decrease in property values due to the visual impacts of substation and power lines as well as the perceived impacts of electromagnetic fields on humans and animals	degree to which impact can be reversed:		1 1 2 1 4 Low -									
	degree of impact on irreplaceable resources:											
	Nature of impact:		An	increased voltage	will ensure that activ	ities that were r	ot able to take place					
	with without	4	4	10	4	72	High		Medium to high Medium to high			
Increase in the voltage stability	degree to which impact can be reversed:		Ü									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:						mprove activities such	_				
	with without	2	3	6 10	4	48 68	Medium High	+	Medium to high Medium to high			
An assurance of a reliable electricity supply	degree to which impact can be reversed:		4 3 10 4 68 High + 1									
	degree of impact on irreplaceable resources:				N/A							
				Operationa								
Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)		nificance E+D+M)*P)	Status (+ve or -ve)	Confidence			

	Nature of impact:	The presence of the substation particularly in tourist attractions can result in tourists no longer visiting the area as their views will be										
Loss of sense of	with without	1 1	1	0 2	1 2	2 8	Low Low	-	Medium High			
place/income on – Tourists want to see the Coastal Fynbos be protected on the site	degree to which impact can be reversed:	1	Medium									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:		Bad state of the roads									
	with without	1 1	1 1	2 4	3	8 18	Low Low	-	Medium to high Medium to high			
	degree to which impact	_		, ,	High		LUW		IVICUIUM to mgm			
Poor maintenance of the substation and access roads: conflict between Eskom and the landowners	degree of impact on irreplaceable resources:		N/A									
	with	1	1	0	1	ead to economic	Low		Medium to high			
	without	1	1	2	2	8	Low	-	Medium to high			
Decrease in property values	degree to which impact can be reversed:				Medium							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:								nitted on some properties			
	with without	1 1	2	2	2	3 10	Low	-	High High			
Security issues as a result of the presence of maintenance workers on properties	degree to which impact can be reversed:											
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact: with	1	2	0	This can result in	n maintenance n	ot occuring Low		Medium			
	without	1	2	2	2	10	Low	-	Medium			
Land owners denying contractors access to their properties	degree to which impact can be reversed:											
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact: with		An	increased voltage	will ensure that activ	rities that were r	not able to take place	will be possible	1			
	without	3	5	8	5	80	High	+	Medium			
Increase in the voltage stability	degree to which impact can be reversed:				N/A							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:				ve impact that will in							
	with without	3 2	1	6	4	36 36	Medium Medium	+	Medium Medium			
An assurance of a reliable electricity supply	degree to which impact can be reversed:				N/A							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:	The absen	ice of backlogs i	n electricy connec	tions can imply that a	activities that ca	n only take place wh	ere electicity is p	present will be possible			
	with without	3	5	8	5	80	High	+	Medium			
No more backlogs in electricity Connections	degree to which impact can be reversed:	3		8	N/A	- 80	High	+	iviedium			
	a be reversed.											

	degree of impact on											
	irreplaceable resources:				N/A							
	Nature of impact: with		1				I					
	without	3	5	8	5	80	High	+	Medium			
The provision of electricity	degree to which impact			,			riigii					
to services such as health facilities will cease	can be reversed:				N/A							
facilities will cease	degree of impost on											
	degree of impact on irreplaceable resources:				N/A							
	irreplaceable resources.											
				ecommissio	ning Phase							
	Nature of impact:				ell managed, these ca	n lead to adver	se health impacts to	the surrounding	communities			
	with	1	1	0	1	2	Low	-	High			
Health Impacts as a result	without	1	2	2	2	10	Low	-	High			
of exposure to sewage	degree to which impact				High							
from construction camps	can be reversed:											
and on construction camps												
	degree of impact on				N/A							
	irreplaceable resources:				IN/A							
	Nature of impact:	Where consti	ruction workers	are infected with	infectious diseases. th	nese can be pas	sed on to the comm	unity members o	r farm workers in the area			
	with	1	1	2	2	8	Low	-	Medium			
Health impacts from	without	1	1	4	3	18	Low	-	Medium			
construction sites and	degree to which impact				Medium							
camps as a result of	can be reversed:				Medium							
infectious diseases	degree of impact on											
	irreplaceable resources:		N/A									
	cp.accabic resources											
	Nature of impact:	It is possib	ole that because	of good relations	hips between contact	ors and commu	unity members, nega	tive as well as po	sitive actions can arise			
	with	1	2	2	2	10	Low	-	High			
Conduct of construction	without	1	2	4	3	21	Low	-	High			
Conduct of construction workforce; Good												
relationships between												
community members/	degree to which impact				High							
farm workers and Eskom	can be reversed:				riigii							
Construction workers												
	degree of impact on	N/A										
	irreplaceable resources:											
	Nature of impact:				from factors such as	differences in l		ackgrounds				
	with	1	1	2	2	8	Low	-	Medium			
	without	1	1	4	3	18	Low	-	Medium			
Conduct of construction												
workforce; Bad												
relationships between												
community members/	degree to which impact				"							
form workers and Falson	degree to which impact can be reversed:				Medium							
farm workers and Eskom					Medium							
Construction workers					Medium							
					Medium							
Construction workers												
Construction workers	can be reversed:				Medium N/A							
Construction workers	can be reversed: degree of impact on											
Construction workers	can be reversed: degree of impact on irreplaceable resources:	Manager			N/A							
Construction workers	can be reversed: degree of impact on	Material c	an be stolen fro	om the sites where	N/A	taking place as	material used in elec	tricity is often th	e targeted by criminals			
Construction workers	can be reversed: degree of impact on irreplaceable resources:	Material d	an be stolen fro	om the sites where	N/A	taking place as	material used in elec	tricity is often th				
Construction workers leading to violence	degree of impact on irreplaceable resources: Nature of impact:	1	1	0	N/A decommissioning is t	2	Low	ctricity is often th	Medium			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without				N/A decommissioning is t							
Construction workers leading to violence	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact	1	1	0	N/A decommissioning is t	2	Low	-	Medium			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without	1	1	0	N/A decommissioning is t	2	Low	-	Medium			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact	1	1	0	N/A decommissioning is t 1 2 High	2	Low	-	Medium			
Construction workers leading to violence Theft of material from camps and along	degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed:	1	1	0	N/A decommissioning is t	2	Low	-	Medium			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources:	1	1 1	0 2	N/A decommissioning is t 1 2 High N/A	2 8	Low Low	-	Medium Medium			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact:	1	1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8	Low Low	-	Medium Medium e project			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources:	1 1	1 1 1	0 2	N/A decommissioning is t 1 2 High N/A	2 8 acts are import	Low Low	-	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along	degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project			
Construction workers leading to violence Theft of material from camps and along	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed:	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual imp: 2 3 Medium	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed:	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual impa	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed:	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2	N/A decommissioning is t 1 2 High N/A for whom visual imp: 2 3 Medium	2 8 acts are import	Low Low ant to their livelihoo Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed:	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	e that land owners	N/A decommissioning is t 1 2 High N/A for whom visual imp: 2 3 Medium	2 8 acts are import 8 18	Low Low ant to their livelihoo Low Low	ds will oppose th	Medium Medium e project Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: Nature of impact: with without degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact on irreplaceable resources:	1 1 1 1	It is possibl	e that land owners 2 4	N/A decommissioning is t 1 2 High N/A for whom visual impa 2 3 Medium N/A	2 8 acts are import 8 18	Low Low ant to their livelihoo Low Low are opposed to the p	ds will oppose th	Medium Medium e project Medium Medium			
Construction workers leading to violence Theft of material from camps and along construction sites Negative attitudes towards	degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources: Nature of impact: with without degree to which impact can be reversed: degree of impact on irreplaceable resources:	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	e that land owners	N/A decommissioning is t 1 2 High N/A for whom visual impi 2 3 Medium	2 8 acts are import 8 18	Low Low ant to their livelihoo Low Low	ds will oppose th	Medium Medium e project Medium			

Land owners denying contractors access to their properties	degree to which impact can be reversed:		High									
	degree of impact on irreplaceable resources:		N/A									
	Nature of impact:		This can lead to conflicts with community members and farmers									
	with	1	1	2	1	4	Low	-	Medium to high			
	without	1	1	4	2	12	Low	-	Medium to high			
	degree to which impact can be reversed:		N/A									
	degree of impact on irreplaceable resources:											
	Nature of impact:	Presence of workers might cause discomfort to community members										
6 11 11 611	with	1	1	2	1	4	Low	-	High			
	without	1	1	4	1	6	Low	-	High			
farms and communities	degree to which impact can be reversed:				Medium							
	degree of impact on irreplaceable resources:				N/A							
	Nature of impact:			Presence of con	struction workers m	ight cause an in	crease in crime within	n the area				
	with	1	1	2	1	4	Low	-	Medium			
Safety of community	without	1	1	4	3	18	Low	-	Medium			
members/farm	degree to which impact can be reversed:				Medium							
workers/animals	degree of impact on irreplaceable resources:				N/A							