Tabor 400kV Powerline EIA

FLORA - Alterantive 1

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	Removal of protected plant species due to the new servitude within the corridor							
	with	1	5	2	5	**40**	**Medium**	-	Hi
	without	1	5	2	5	**40**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	Area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	Destruction and disturbance of a previously undisturbed vegetation.environments are impacte							
	with	1	5	2	2	**16**	**Low**	-	Hi
	without	1	5	2	2	**16**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed. Due to the fact that an existing servitude exists for the whole route, very limited additional pristine habitats are impacted.							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGETATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	2	3	**24**	**Low**	-	Hi
	without	1	5	2	3	**24**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed. Due to the fact that an existing servitude exists for the whole route, very limited additional pristine habitats are impacted. During construction the propability and duration will be permanent. Mitigation will start on completion.							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	2	4	3	**21**	**Low**	-	Hi
	without	1	4	4	3	**27**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed. During construction it is permanent.							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	3	2	3	**18**	**Low**		Hi
	without	1	4	4	3	**27**	**Low**		Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line. Therefore limited threat is expected.							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and access roads will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	3	4	5	**40**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	2	2	**16**	**Low**	-	Hi
	without	1	5	2	2	**16**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ virtually no pristine habitat							

VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	4	2	3	**21**	**Low**	-	Hi
	without	1	4	2	3	**21**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	most of the area is already encroached by the suikel bush/ the destruction will be beneficial to the area							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	2	2	3	**15**	**Low**		Hi
	without	1	2	4	3	**21**	**Low**		Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already is encroached by suikel bos, biodiversity is low							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	2	3	**15**	**Low**		Hi
	without	1	2	2	3	**15**	**Low**		Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	4	3	**18**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	4	3	**18**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	4	3	**18**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	2	2	4	5	**40**	**Medium**	-	Hi
	without	2	2	4	5	**40**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	3	2	3	**18**	**Low**	-	Hi
	without	1	4	4	5	**45**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	3	4	5	**40**	**Medium**	-	Hi

SOIL EROSIN	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							
Cumulative Impacts									
Potential Impact	**Mitigation**	**Extent (E)**	**Duration (D)**	**Magnitude (M)**	**Probability (P)**	**Significance (S=(E+D+M)*P)**		**Status (+ve or -ve)**	**Confidence**
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							
No-Go Alterantive									
Potential Impact	**Mitigation**	**Extent (E)**	**Duration (D)**	**Magnitude (M)**	**Probability (P)**	**Significance (S=(E+D+M)*P)**		**Status (+ve or -ve)**	**Confidence**
No impacts anticipated as status Quo Remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 1a

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	2	5	**40**	**Medium**	-	Hi
	without	1	5	2	5	**40**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	5	**20**	**Low**	-	Hi
	without	1	1	2	5	**20**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ virtually no pristine habitat							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

	with	1	4	2	2	**14**	**Low**	-	Hi
	without	1	5	2	2	**16**	**Low**	-	Hi
VEGTATION CLEARANCE	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
	Nature of impact:	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
PLANT ENCROACHMENT	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
	Nature of impact:	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
THREAT TO BIODIVERSITY	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
SOIL EROSIN	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Decommissioning Phase

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:	removal of protected plant species due to the servitude							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
DESTRUCTION OF PROTECTED FLORA	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
DESTRUCTION OF PRISTINE HABITAT	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ virtually no pristine habitat							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	5	**20**	**Low**	-	Hi
	without	1	1	2	5	**20**	**Low**	-	Hi
VEGTATION CLEARANCE	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
	Nature of impact:	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	+	Hi
PLANT ENCROACHMENT	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
	Nature of impact:	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
THREAT TO BIODIVERSITY	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
SOIL EROSIN	**degree to which impact can be reversed:**	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Cumulative Impacts

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment/ cumulative impact							
	with	1	1	2	3	**12**	**Low**	-	hi
	without	1	1	2	2	**8**	**Low**	-	hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	hi
	without	2	2	2	3	**18**	**Low**	-	hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

No-Go Alterantive

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
No impacts anticipated - Status Quo Remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 1b

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	2	2	4	3	**24**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	3	4	3	**24**	**Low**	-	Hi
	without	1	3	4	3	**24**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

VEGTATION CLEARANCE	**with**	1	5	4	5	**50**	**Medium**	-	Hi
	without	1	5	4	5	**50**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	2	4	3	**21**	**Low**	-	Hi
	without	1	2	6	4	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	4	3	**18**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	2	3	**15**	**Low**	-	Hi
	without	2	3	4	3	**27**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	4	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	2	2	4	3	**24**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Cumulative Impacts

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

No-Go Alterantive

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
No impacts anticipated - Status Quo remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 2

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

VEGTATION CLEARANCE	**with**	1	1	2	3	**12**	**Low**	-	Hi
	without	2	2	2	3	**18**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	1	2	3	**12**	**Low**	-	Hi
	without	1	1	2	3	**12**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	1	1	2	2	**8**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

Cumulative Impacts

Potential Impact	**Mitigation**	**Extent (E)**	**Duration (D)**	**Magnitude (M)**	**Probability (P)**	**Significance (S=(E+D+M)*P)**		**Status (+ve or -ve)**	**Confidence**
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	2	2	3	**15**	**Low**	-	Hi
	without	2	3	4	5	**45**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	there is an existing powerline and encroachment is likely							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	Hi
	without	2	2	4	3	**24**	**Low**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	area already disturbed and route follows existing power line/ already meausures put in place for the soil erosiom from the existing line							

No-Go Alterantive

Potential Impact	**Mitigation**	**Extent (E)**	**Duration (D)**	**Magnitude (M)**	**Probability (P)**	**Significance (S=(E+D+M)*P)**		**Status (+ve or -ve)**	**Confidence**
No impacts anticipated - Status Quo Remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 3

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	6	5	**60**	**Medium**	-	Hi
	without	1	5	6	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	2	5	6	5	**65**	**High**	-	Hi
	without	2	5	6	5	**65**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	6	5	**60**	**Medium**	-	Hi
	without	1	5	6	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	5	4	3	**30**	**Low**	-	Hi
	without	1	5	6	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the aea is pristine and disturbance will increase the possibility of encroachment							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	3	6	5	**50**	**Medium**	-	Hi
	without	1	4	6	5	**55**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	4	4	**28**	**Low**	-	Hi
	without	2	3	4	4	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	4	6	5	**55**	**Medium**	-	Hi
	without	2	5	6	5	**65**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	2	5	8	5	**75**	**High**	-	Hi
	without	2	5	8	5	**75**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

VEGTATION CLEARANCE	**with**	2	5	8	5	**75**	**High**	-	Hi
	without	2	5	8	5	**75**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	3	6	3	**30**	**Low**	-	Hi
	without	2	3	6	3	**33**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the aea is pristine and disturbance will increase the possibility of encroachment							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	2	6	5	**45**	**Medium**	-	Hi
	without	2	3	6	5	**55**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	6	4	**32**	**Medium**	-	Hi
	without	1	2	6	4	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	6	5	**60**	**Medium**	-	Hi
	without	1	5	6	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	2	5	6	5	**65**	**High**	-	Hi
	without	2	5	6	5	**65**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the route is on a virtually undisturbed area and passes through a nature reserve ad there are not access roads							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	6	5	**60**	**Medium**	-	Hi
	without	1	5	6	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the servitude has to be kept clear at all times (bush clearing)							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	5	4	3	**30**	**Low**		Hi
	without	1	5	6	3	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the aea is pristine and disturbance will increase the possibility of encroachment							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	3	6	5	**50**	**Medium**	-	Hi
	without	1	4	6	5	**55**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	4	4	**28**	**Low**	-	Hi
	without	2	3	4	4	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Cumulative Impacts

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	5	4	3	**30**	**Low**	-	Hi
	without	1	5	6	3	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:								
SOIL EROSIN	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	4	4	**28**	**Low**	-	Hi
	without	2	3	4	4	**36**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:								

No-Go Alterantive

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
No impacts Anticipated - Status Quo Remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 4

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	2	5	8	5	75	High	-	Hi
	without	2	5	8	5	75	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	8	5	70	High	-	Hi
	without	1	5	8	5	70	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	6	5	60	Medium	-	Hi
	without	1	5	8	5	70	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment (cumulative impact)							
	with	1	2	8	5	55	Medium	-	Hi
	without	1	3	8	5	60	Medium	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed and vegetation clearing needs to be continuosly to prevent the growth of foreign plants							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	5	8	5	70	High	-	Hi
	without	1	5	8	5	70	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high especially in the ridge along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	2	5	25	Low	-	High
	without	1	3	4	5	40	Medium	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	8	5	70	High	-	Hi
	without	2	5	8	5	75	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	8	5	70	High	-	Hi
	without	2	5	8	5	75	High	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed. The ridge is high in biodiversity							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

VEGTATION CLEARANCE	**with**	2	5	8	5	**75**	**High**	-	Hi
	without	2	5	8	5	**75**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment (cumulative impact)							
	with	1	1	8	5	**50**	**Medium**	-	Hi
	without	2	2	8	5	**60**	**Medium**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	4	6	5	**55**	**Medium**	-	Hi
	without	2	5	8	5	**75**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed and vegetation clearing needs to be continuosly to prevent the growth of foreign plants							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	3	6	5	**50**	**Medium**	-	Hi
	without	2	4	8	5	**70**	**High**	-	Hi
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	2	5	8	5	**75**	**High**	-	High
	without	2	5	8	5	**75**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed. The ridge is high in biodiversity							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	6	5	**60**	**Medium**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment (cumulative impact)							
	with	1	2	8	5	**55**	**Medium**	-	High
	without	1	3	8	5	**60**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	2	2	5	**25**	**Low**	-	High
	without	1	3	4	5	**40**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Cumulative Impacts

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	3	6	5	**50**	**Medium**	-	HI
	without	2	4	8	5	**70**	**High**	-	HI
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	3	8	5	**60**	**Medium**	-	HI
	without	2	4	8	5	**70**	**High**	-	HI
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

No-Go Alterantive

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
No impacts anticipated - Status Quo Remains	**Nature of impact:**								
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								

Tabor 400kV Powerline EIA

FLORA - Alternative 5

Significance Rating Table

Construction Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	High							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	8	5	**70**	**High**	-	High
	without	2	5	8	5	**75**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species and the servitudes needs to always clear							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	2	4	3	**21**	**Low**	-	High
	without	1	3	6	4	**40**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**	disturbance of an area with high biodiversity will increase the probability of encroachment and biodiversity will be lost.							
	with	1	4	8	5	**65**	**High**	-	High
	without	1	4	8	5	**65**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	High
	without	2	1	2	3	**15**	**Low**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion/ the area is flat							

Operational Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	8	5	**70**	**High**	-	High
	without	2	5	8	5	**75**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	1	8	5	**50**	**Medium**	-	High
	without	1	2	8	5	**55**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed							
	Nature of impact:	removal of vegetattion due to servitudes, access roads and erecting of the pylons							

VEGTATION CLEARANCE	**with**	1	5	6	3	**36**	**Medium**	-	High
	without	2	5	8	3	**45**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species and the servitudes needs to always clear							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	3	8	5	**60**	**Medium**	-	High
	without	2	4	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**								
	with	1	2	8	5	**55**	**Medium**	-	High
	without	2	3	8	5	**65**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	High
	without	1	1	2	2	**8**	**Low**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion. The area is flat							

Decommissioning Phase

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
DESTRUCTION OF PROTECTED FLORA	**Nature of impact:**	removal of protected plant species due to the servitude							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species							
DESTRUCTION OF PRISTINE HABITAT	**Nature of impact:**	destruction and disturbance of a previously undisturbed vegetation							
	with	1	5	8	5	**70**	**High**		High
	without	2	5	8	5	**75**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	pristine habitats are prone to invasion/encroachement once disturbed							
VEGTATION CLEARANCE	**Nature of impact:**	removal of vegetattion due to servitudes, access roads and erecting of the pylons							
	with	1	5	8	5	**70**	**High**	-	High
	without	1	5	8	5	**70**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	along this route there is a lot of protected plant species and the servitudes needs to always clear							
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	2	4	3	**21**	**Low**	-	High
	without	1	3	6	4	**40**	**Medium**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
THREAT TO BIODIVERSITY	**Nature of impact:**								
	with	1	4	8	5	**65**	**High**	-	High
	without	1	4	8	5	**65**	**High**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	biodiversity is high along this route and thus prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	High
	without	2	1	2	3	**15**	**Low**	-	High
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							

	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion							

Cumulative Impacts

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
PLANT ENCROACHMENT	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with	1	5	6	5	**60**	**Medium**	-	HI
	without	2	5	6	5	**65**	**High**	-	HI
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	the area is virtually undisturbed and in pristine condition and has a lot of procted plants and very prone to invasion							
SOIL EROSION	**Nature of impact:**	removal of vegetation due to the servituds and servitudes will increase the soil erosion as vegetation plays a major role in							
	with	1	1	2	2	**8**	**Low**	-	HI
	without	1	1	2	2	**8**	**Low**	-	HI
	degree to which impact can be reversed:	existing/permitted access roads must be used and the all other measures must be followed							
	degree of impact on irreplaceable resources:	thre area is virtually undisturbed and there no access roads, to build roads would increase soil erosion. The area is flat							

No-Go Alterantive

Potential Impact	Mitigation	Extent (E)	Duration (D)	Magnitude (M)	Probability (P)	Significance (S=(E+D+M)*P)		Status (+ve or -ve)	Confidence
No impacts anticipated - Status Quo Remains	**Nature of impact:**	vegetation clearing or disturbance may and have been fond to increase encroachment							
	with								
	without								
	degree to which impact can be reversed:								
	degree of impact on irreplaceable resources:								