

IMPACT DESCRIPTION					Post Mitigation								Priority Factor Criteria				
Identifier	Discipline	Impact	Alternative	Phase	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Cumulative Impact	Irreplaceable loss	Priority	Final score
1	Terrestrial	Temporary disturbance of wildlife due to increased human presence and possible use of machinery and/or vehicles.		Planning	-3,5	-1	1	1	1	1	2	-2	High	1	1	1,00	-2
2	Air Quality	Air Quality - Increase in air quality impacts due to construction of the powerline		Construction	-9	-1	3	1	3	2	3	-6,75	Medium	2	1	1,13	-7,59
3	Air Quality	Air Quality - Increase in air quality impacts due to the operation of vehicles on unpaved roads		Construction	-10	-1	3	1	3	2	3	-6,75	Medium	2	1	1,13	-7,59
4	Noise	Noise - Increase in noise levels due to construction of the powerline		Construction	-11	-1	3	2	3	2	3	-7,5	Medium	1	1	1,00	-7,5
5	Geohydrology	Mobilisation and maintenance of heavy vehicle and machinery on-site may cause hydrocarbon contamination of groundwater resources.		Construction	-12	-1	2	5	4	4	2	-7,5	Medium	2	2	1,25	-9,38
6	Hydrology	Erosion		Construction	-6	-1	1	1	2	2	2	-3	Low	2	1	1,13	-3,38
7	Hydrology	Alien and/or Invasive Vegetation		Construction	-6,5	-1	2	2	1	2	1	-1,75	Low	2	1	1,13	-1,97
8	Hydrology	Alterations of the river banks and river bed		Construction	-6,75	-1	2	2	1	2	2	-3,5	Medium	2	2	1,25	-4,38
9	Social	Impact on livelihoods		Construction	-15	-1	2	2	2	3	5	-11,25	High	2	2	1,25	-14,1
10	Social	Nuisance factor due to increase in ambient dust and noise levels		Construction	-12,5	-1	2	2	3	3	4	-10	High	2	1	1,13	-11,3
11	Social	Damage to farm roads, existing services, and infrastructure		Construction	-15	-1	2	2	4	2	4	-10	High	2	1	1,13	-11,3
12	Visual	Impact on Existing Agricultural Landscape Character		Construction	-8	-1	2	1	3	2	4	-8	Medium	2	1	1,13	-9
13	Visual	Impact on Existing Natural Landscape Character		Construction	-8	-1	1	1	2	2	2	-3	Medium	2	1	1,13	-3,38
14	Visual	The visual impact on views from local roads		Construction	-8	-1	2	1	2	2	3	-5,25	Medium	2	1	1,13	-5,91
15	Visual	Change of Natural of Views from Homesteads		Construction	-12	-1	2	1	1	2	3	-4,5	Medium	2	1	1,13	-5,06
16	Terrestrial	Destruction, further loss and fragmentation of the vegetation community		Construction	-11	-1	2	2	3	2	4	-9	High	2	2	1,25	-11,3
17	Terrestrial	Introduction of alien species, especially plants		Construction	-7,5	-1	1	2	2	3	3	-6	High	2	1	1,13	-6,75
18	Pedology	Construction of transmission loop		Construction	-6	-1	2	2	2	2	3	-6	Medium	2	1	1,13	-6,75
19	Wetlands	Powerlines - Habitat		Construction	-5,5	-1	1	1	2	2	2	-3	Medium	1	1	1,00	-3
20	Wetlands	Powerlines - Water Quality		Construction	-2	-1	1	1	2	1	1	-1,25	Medium	1	1	1,00	-1,25
21	Wetlands	Powerlines - Flow		Construction	-2,5	-1	1	1	2	1	1	-1,25	Medium	1	1	1,00	-1,25
22	Heritage & Palaeo	Impact on unidentified heritage resources		Construction	-3	-1	1	4	2	4	2	-5,5	Medium	2	3	1,38	-7,56
23	Heritage & Palaeo	Impact on burial grounds and graves		Construction	-16	-1	1	4	2	5	2	-6	Medium	2	3	1,38	-8,25
24	Heritage & Palaeo	Impact on historic to recent sites with possible graves		Construction	-11,25	-1	1	4	2	5	2	-6	Medium	1	3	1,25	-7,5
25	Heritage & Palaeo	Impact on structures of medium heritage significance		Construction	-10,5	-1	1	3	3	3	2	-5	Medium	2	2	1,25	-6,25
26	Heritage & Palaeo	Impact on palaeontology		Construction	-18	-1	4	5	2	5	2	-8	Medium	2	3	1,38	-11
27	Socio-economic	Limited job creation		Construction	8	1	3	1	2	2	4	8	Medium	1	1	1,00	8
28	Agricultural land	Impact on agricultural landuse		Construction	-12	-1	2	2	3	2	3	-6,75	Medium	2	1	1,13	-7,59
29	Hydrology	Alien and/or Invasive Vegetation		Operation	-9,75	-1	2	2	1	3	2	-4	Medium	2	2	1,25	-5
30	Social	Impact on livelihoods		Operation	-20	-1	3	4	4	4	4	-15	High	2	3	1,38	-20,6
31	Social	Impact of servitudes on land values		Operation	-21,25	-1	3	4	4	4	4	-15	High	3	2	1,38	-20,6
32	Visual	Impact on Existing Agricultural Landscape Character		Operation	-4	-1	1	4	1	2	2	-4	Medium	2	1	1,13	-4,5
33	Visual	Impact on Existing Natural Landscape Character		Operation	-7,5	-1	1	4	1	1	2	-3,5	Medium	2	1	1,13	-3,94
34	Visual	The visual impact on views from local roads		Operation	-11	-1	2	4	2	2	3	-7,5	Medium	2	1	1,13	-8,44
35	Visual	Change of Natural of Views from Homesteads		Operation	-6,75	-1	1	4	1	2	2	-4	Medium	2	1	1,13	-4,5
36	Pedology	Operation of transmission loop		Operation	-8,25	-1	2	4	3	2	2	-5,5	Medium	2	1	1,13	-6,19
37	Wetlands	Powerlines - Habitat		Operation	-5	-1	1	4	1	1	2	-3,5	Medium	1	1	1,00	-3,5
38	Wetlands	Powerlines - Water Quality		Operation	-1	-1	1	1	1	1	1	-1	Medium	1	1	1,00	-1
39	Wetlands	Powerlines - Flow		Operation	-1	-1	1	1	2	1	1	-1,25	Medium	1	1	1,00	-1,25
40	Avifauna	Bird collisions and electrocutions with newly established powerlines		Operation	-18	-1	4	2	2	2	4	-10	Medium	1	1	1,00	-10
41	Agricultural land	Impact on agricultural landuse		Operation	-13	-1	1	2	2	2	3	-5,25	Medium	1	1	1,00	-5,25
42	Visual	Impact on Existing Agricultural Landscape Character		Decommissioning	-10	-1	1	1	1	1	1	-1	Medium	2	1	1,13	-1,13
43	Visual	Impact on Existing Natural Landscape Character		Decommissioning	-5,25	-1	1	1	1	1	2	-2	Medium	1	1	1,00	-2
44	Visual	The visual impact on views from local roads		Decommissioning	-10	-1	1	1	1	1	1	-1	Medium	1	1	1,00	-1
45	Visual	Change of Natural of Views from Homesteads		Decommissioning	-10	-1	1	1	1	1	1	-1	Medium	1	1	1,00	-1
46	Pedology	Decommissioning of transmission loop		Decommissioning	-4	-1	2	2	2	2	2	-4	Medium	2	1	1,13	-4,5
47	Wetlands	Powerlines - Habitat		Decommissioning	-5	-1	1	1	2	2	2	-3	Medium	1	1	1,00	-3
48	Wetlands	Powerlines - Water Quality		Decommissioning	-2	-1	1	1	2	1	1	-1,25	Medium	1	1	1,00	-1,25
49	Wetlands	Powerlines - Flow		Decommissioning	-2,5	-1	1	1	2	1	1	-1,25	Medium	1	1	1,00	-1,25