

Identifier	Discipline	Impact	Alternative	Phase	Event	Pre-Nature	Pre-Extent	Pre-Duration	Pre-Magnitude	Pre-Reversibility	Consequence	Pre-Probability	Pre-Mitigation Significant	Pre-Mitigation Significant	Post-Nature	Post-Extent	Post-Duration	Post-Magnitude	Post-Reversibility	Consequence2	Post-Probability	Post-mitigation Significant	Post-Mitigation Significant	Confidence	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
TER01	Biodiversity	Habitat Fragmentation & loss of natural vegetation	Preferred	Construction	Normal operation	-1	2	4	3	3	-3	4	-12	Medium to high -	-1	1	4	2	3	-2.5	3	-7.5	Medium to low -	Medium	2	1	1.13	-8.44
TER02	Biodiversity	Alien and invasive species	Preferred	Construction	Normal operation	-1	1	4	2	2	-2.25	3	-6.75	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -	Medium	2	1	1.13	-3.94
TER03	Biodiversity	Alien and invasive species	Preferred	Operation	Normal operation	-1	1	4	2	2	-2.25	3	-6.75	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -	Medium	2	1	1.13	-3.94
TER04	Biodiversity	Loss of species of conservation concern	Preferred	Construction	Normal operation	-1	2	4	3	3	-3	4	-12	Medium to high -	-1	1	4	2	3	-2.5	3	-7.5	Medium to low -	Medium	2	1	1.13	-8.44
TER05	Biodiversity	Loss of species of conservation concern	Preferred	Operation	Normal operation	-1	2	4	3	3	-3	4	-12	Medium to high -	-1	1	4	2	3	-2.5	3	-7.5	Medium to low -	Medium	2	1	1.13	-8.44
TER06	Biodiversity	Anthropogenic Disturbances, Intentional and/or accidental killing of fauna	Preferred	Construction	Normal operation	-1	1	4	3	3	-2.75	3	-8.25	Medium to low -	-1	1	4	2	3	-2.5	3	-7.5	Medium to low -	Medium	1	1	1.00	-7.50
TER07	Biodiversity	Anthropogenic Disturbances, Intentional and/or accidental killing of fauna	Preferred	Operation	Normal operation	-1	1	4	3	3	-2.75	3	-8.25	Medium to low -	-1	1	4	2	3	-2.5	3	-7.5	Medium to low -	Medium	1	1	1.00	-7.50
TER08	Biodiversity	Soil compaction, sedimentation and disruption of freshwater ecosystems	Preferred	Construction	Normal operation	-1	2	4	2	2	-2.5	3	-7.5	Medium to low -	-1	1	3	2	2	-2	2	-4	Low -	Medium	1	1	1.00	-4.00
TER09	Biodiversity	Soil compaction, sedimentation and disruption of freshwater ecosystems	Preferred	Operation	Normal operation	-1	2	4	2	2	-2.5	3	-7.5	Medium to low -	-1	1	3	2	2	-2	2	-4	Low -	Medium	1	1	1.00	-4.00
Wet01	Aquatic/wetlands	Indirect loss, disturbance and degradation of wetlands	Preferred	Construction	Normal operation	-1	2	3	3	2	-2.5	3	-7.5	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -	Medium	2	1	1.13	-3.94
Wet02	Aquatic/wetlands	Increased bare surfaces, runoff and potential for erosion	Preferred	Construction	Normal operation	-1	2	3	3	2	-2.5	3	-7.5	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	1	1.13	-4.50
Wet03	Aquatic/wetlands	Degradation of wetland vegetation and the introduction and spread of alien and invasive vegetation	Preferred	Construction	Normal operation	-1	2	3	3	2	-2.5	3	-7.5	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	1	1.13	-4.50
Wet04	Aquatic/wetlands	Increased sediment loads to downstream reaches	Preferred	Construction	Normal operation	-1	3	3	2	2	-2.5	3	-7.5	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	1	1.13	-4.50
Wet05	Aquatic/wetlands	Contamination of wetlands with hydrocarbons due to machinery leaks and spill incidents	Preferred	Construction	Normal operation	-1	2	2	3	2	-2.25	3	-6.75	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -	Medium	2	1	1.13	-3.94
Wet06	Aquatic/wetlands	Alteration of hydrological regime	Preferred	Construction	Normal operation	-1	3	3	3	2	-2.75	3	-8.25	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -		2	1	1.13	-4.50
Wet07	Aquatic/wetlands	Continued proliferation of alien invasive vegetation	Preferred	Operation	Normal operation	-1	2	4	2	2	-2.5	3	-7.5	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -	Medium	1	1	1.00	-3.50
Wet08	Aquatic/wetlands	Potential wetland contamination due to polluted runoff and from indiscriminate dumping of litter	Preferred	Operation	Normal operation	-1	2	4	2	2	-2.5	3	-7.5	Medium to low -	-1	1	2	2	2	-1.75	2	-3.5	Low -		1	1	1.00	-3.50
Wet09	Aquatic/wetlands	Increased water inputs to wetland	Preferred	Operation	Normal operation	-1	3	2	2	2	-2.25	3	-6.75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -		1	1	1.00	-4.00
Wet10	Aquatic/wetlands	Degradation of wetland vegetation and proliferation of alien and invasive species	Preferred	Decommissioning	Normal operation	-1	3	2	2	2	-2.25	3	-6.75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -	Medium	2	1	1.13	-4.50
Wet11	Aquatic/wetlands	Disruption of wetland soil profile, hydrological regime and increased sediment loads	Preferred	Decommissioning	Normal operation	-1	3	2	2	2	-2.25	3	-6.75	Medium to low -	-1	2	2	2	2	-2	2	-4	Low -		2	1	1.13	-4.50
SOIL1	Soils and Agriculture	Loss of agricultural land due to construction of solar infrastructure	Preferred	Construction	Normal operation	-1	2	4	2	2	-2.5	3	-7.5	Medium to low -	-1	2	4	1	1	-2	3	-6	Medium to low -	High	1	1	1.00	-6.00
VIS1	Visual	Physical presence of Redstone PV Power Project and impact of sensitive view	Preferred	Construction	Normal operation	-1	2	1	1	1	-1.25	2	-2.5	Low -	-1	2	1	1	1	-1.25	2	-2.5	Low -	Medium	1	1	1.00	-2.50
VIS2	Visual	Physical presence of the Redstone PV Power Project and impact of sensitive view	Preferred	Operation	Normal operation	-1	2	4	1	1	-2	2	-4	Low -	-1	2	4	1	1	-2	2	-4	Low -	Medium	1	1	1.00	-4.00
VIS3	Visual	Physical presence of Redstone PV Power Project and impact of sensitive view	Preferred	Decommissioning	Normal operation	-1	2	1	1	1	-1.25	2	-2.5	Low -	-1	2	1	1	1	-1.25	2	-2.5	Low -	Medium	1	1	1.00	-2.50
HIA01	Heritage & Archaeology	Damage/destruction to unknown archaeological and heritage material	Preferred	Construction	Normal operation	-1	2	5	2	5	-3.5	2	-7	Medium to low -	-1	2	5	1	5	-3.25	1	-3.25	Low -	Low	1	1	1.00	-3.25
SOE1	Socio-Economic	GDP and Production (Construction Impact)	Preferred	Construction	Normal operation	1	4	1	4	3	3	4	12	Medium to high +	1	4	2	4	3	3.25	4	13	Medium to high +	High	1	1	1.00	13.00
SOE2	Socio-Economic	Impact on National Government Revenue (Construction Impact)	Preferred	Construction	Normal operation	1	4	1	3	2	2.5	4	10	Medium to high +	1	4	1	3	2	2.5	4	10	Medium to high +	High	1	1	1.00	10.00
SOE3	Socio-Economic	Increase in Employment (Construction Impact)	Preferred	Construction	Normal operation	1	3	1	3	2	2.25	4	9	Medium to high +	1	3	2	3	2	2.5	4	10	Medium to high +	Medium	1	1	1.00	10.00
SOE4	Socio-Economic	Skills Development (Construction Impact)	Preferred	Construction	Normal operation	1	3	1	3	2	2.25	4	9	Medium to high +	1	3	2	3	2	2.5	4	10	Medium to high +	Medium	1	1	1.00	10.00
SOE5	Socio-Economic	Impact on Sense of Place (Construction Impact)	Preferred	Construction	Normal operation	-1	3	1	2	2	-2	3	-6	Medium to low -	-1	2	2	2	2	-2	4	-8	Medium to low -	Medium	1	1	1.00	-8.00
SOE6	Socio-Economic	GDP and Production (Operational Impact)	Preferred	Operation	Normal operation	1	4	4	2	3	3.25	4	13	Medium to high +	1	4	4	2	3	3.25	4	13	Medium to high +	High	1	1	1.00	13.00
SOE7	Socio-Economic	Government Revenue (Operational Phase)	Preferred	Operation	Normal operation	1	3	4	2	3	3	4	12	Medium to high +	1	3	4	2	3	3	4	12	Medium to high +	High	1	1	1.00	12.00
SOE8	Socio-Economic	Impact on GDP, Production and Metallic and Non-Metallic Materials (Decommissioning Impact)	Preferred	Decommissioning	Normal operation	1	3	1	2	3	2.25	3	6.75	Low to medium +	1	3	1	2	3	2.25	3	6.75	Low to medium +	Medium	1	1	1.00	6.75
SOE9	Socio-Economic	Impact on National Government Revenue (Decommissioning Impact)	Preferred	Decommissioning	Normal operation	1	3	1	1	3	2	3	6	Low to medium +	1	3	1	1	3	2	3	6	Low to medium +	Medium	1	1	1.00	6.00
PIA01	Palaeontology	Loss of fossil Heritage	Preferred	Construction	Normal operation	-1	1	5	3	5	-3.5	3	-10.5	Medium to high -	-1	1	5	2	5	-3.25	2	-6.5	Medium to low -	Medium	1	3	1.25	-8.13