

DARLING SOLAR PV FACILITY														
Nature of Impact			Without Mitigation (Baseline)					Without Mitigation Score (Baseline)	With Mitigation					With Mitigation Score (Impact Assessment)
Number	Aspect	Impact	Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/Severity)	Receiving Environment (Significance/Consequence)		Probability (Likelihood)	Extent	Duration (Frequency)	Magnitude (Intensity/Severity)	Receiving Environment (Significance/Consequence)	
<b>CONSTRUCTION PHASE</b>														
1	Botanical	Potential impact on special habitats (e.g. true quartz or "heuweltjies")	-1	-1	-4	-1	-2	-1	-1	-1	-4	-1	-2	-1
2		Loss of vulnerable or endangered vegetation and associated habitat.	-2	-1	-4	-1	-1	-2	-2	-1	-4	-1	-1	-2
3		Potential impact on protected areas, CBA's, ESA's or Centre's of Endemism.	-2	-1	-4	-2	-4	-3	-1	-1	-4	-1	-4	-3
4		Potential loss of ecological migration corridors.	-1	-1	-4	-1	-1	-2	-1	-1	-4	-1	-1	-2
5		Potential impact on threatened or protected plant species.	-2	-1	-8	-2	-2	-3	-2	-1	-1	-1	-2	-2
6		Potential impact on mammals, reptiles, amphibians	-2	-1	-4	-2	-2	-3	-2	-1	-4	-1	-2	-2
7		Potential impacts on avifauna	-2	-1	-4	-2	-4	-3	-1	-1	-4	-1	-4	-3
8		Cumulative impact associated with proposed activity.	-2	-1	-4	-2	-4	-3	-2	-1	-4	-1	-4	-3
9	Freshwater Resources	Clearance and preparation of the site , Construction of the PV installation,Construction of access road	-4	-1	-2	-4	-2	-3	-2	-1	-2	-1	-1	-2
10	Heritage	No impact												
11	Palaeontology	No impact												
12	Agriculture	No loss of potential cropland and minimal loss of future agricultural production potential.	-8	-1	-4	-1	-1	-3	-8	-1	-4	-1	-2	-3
13	Visual	Visual impact of development on surrounding landscape	-16	-4	-8	-4	-8	-8	-8	-4	-8	-2	-8	-6
14		Increase employment opportunities	8	2	2	1	2	3	8	2	2	1	2	3
15		Increased income	8	2	2	1	2	3	8	2	2	1	2	3
16		Increased skill levels of working age population	8	2	2	1	2	3	8	2	2	1	2	3
17		Increased local sales and GGP	8	2	2	2	2	4	8	2	2	2	2	4

18	Socio-economic	Increased use of social amenities and services	-4	-1	-2	-1	-2	-2	-4	-1	-2	-1	-2	-2
19		Increased motorised and non-motorised traffic levels	-4	-1	-2	-4	-2	-3	-4	-1	-2	-4	-2	-3
20		Increased noise and dust	-4	-2	-2	-4	-2	-3	-4	-1	-2	-4	-2	-3
21		Change in sense of place	-8	-1	-2	-4	-2	-3	-8	-1	-2	-4	-2	-3
22		Community stability and homogeneousness	-4	-1	-2	-1	-2	-2	-4	-1	-2	-1	-2	-2
23		Increased offences and incidences of crime	-2	-1	-2	-1	-4	-2	-2	-1	-2	-1	-4	-2
24		Youth's self-esteem development	4	2	2	1	2	3	4	2	2	1	2	3
25		Diversification of culture	-2	-1	-2	-1	-4	-2	-2	-1	-2	-1	-4	-2
26		Employment equity of vulnerable groups	4	2	2	1	2	3	4	2	2	1	2	3

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<b>OPERATIONAL PHASE</b>														
1	Freshwater Resources	Runoff and wash water leaving the site.	-4	-1	-8	-4	-2	-4	-4	-1	-8	-2	-1	-3
2	Visual	Visual impact of development on surrounding landscape	-16	-4	-8	-4	-8	-8	-8	-4	-8	-2	-8	-6
3	Socio-economic	Increase employment opportunities	16	2	8	2	2	6	16	2	8	4	2	7
4		Increased income	8	2	8	4	2	5	8	2	8	4	2	5
5		Increased skill levels	8	2	8	4	2	5	8	2	8	4	2	5
6		Increased local sales and GGP	16	2	8	4	2	7	16	2	8	4	2	7
7		Proximity to work	16	2	8	4	4	7	16	2	8	4	4	7
8		Enhanced supply of bulk services	16	4	8	4	4	8	16	4	8	4	4	8
9		Changed sense of place	-16	-2	-8	-4	-4	-6	-16	-2	-8	-2	-4	-6
10		Loss of agricultural land (food security potential)	-4	-1	-8	-1	-2	-3	-4	-1	-8	-1	-2	-3
11		Loss of biodiversity	-2	-1	-4	-1	-1	-2	-2	-1	-4	-1	-1	-2
12		Loss of ecological infrastructure	-2	-1	-4	-1	-1	-2	-2	-1	-4	-1	-1	-2
13		Increased levels of education (individual development)	8	2	8	4	2	5	8	2	8	4	2	5
14		Increased SMME participation	4	2	2	1	2	3	4	2	2	1	2	3
15		Youth's self-esteem development	4	2	2	1	2	3	4	2	2	1	2	3
16		Employment equity of vulnerable groups	8	2	8	4	2	5	8	2	8	4	2	5
17		Family structure change	8	2	8	2	2	5	8	2	8	2	2	5
18	Diversification of culture	-4	-1	-8	-1	-2	-3	-4	-1	-8	-1	-2	-3	