



HELIOS RENEWABLE
ENERGY
PROJECT

PINS Document Number:
EN010140/APP/6.3.12.6

Pursuant to:
APFP Regulation 5(2)(a)

Environmental Statement
Appendix 12.6:
Max Summer Temperature Anomaly

June 2024

header length	16						
Area	462500.0 412500.0						
Baseline	1981-2000						
Data Source	Land probabilistic projections						
Data Type	cdf						
Scenario	RCP 8.5						
Show Labels	TRUE						
Software Version	WPS-2.8.0-DP-2.8.0-CV-1.0.10						
Spatial Representation	25km grid						
Temporal Average Type	Seasonal						
Time Period	June July August						
Time Slice Type	1-year time slices						
Variable	Maximum air temperature anomaly at 1.5m (°C)						
Year Maximum	2066						
Year Minimum	2023						
Date	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum air temperature anomaly at 1.5m (°C)(95th Percentile)
01/07/2023	-1.63033	-1.03458	-0.04751	1.06525	2.203677	3.254183	3.886161
01/07/2024	-1.61352	-1.01411	-0.02138	1.098064	2.243264	3.300138	3.936915
01/07/2025	-1.59753	-0.99422	0.004524	1.131125	2.283651	3.347457	3.989471
01/07/2026	-1.5822	-0.97475	0.03037	1.164617	2.325043	3.39636	4.044049
01/07/2027	-1.56736	-0.95555	0.056333	1.198725	2.367633	3.447043	4.100834
01/07/2028	-1.55282	-0.93643	0.082589	1.233624	2.411598	3.499675	4.159973
01/07/2029	-1.53839	-0.91723	0.10931	1.269479	2.45709	3.554384	4.221562
01/07/2030	-1.52389	-0.89778	0.136656	1.306436	2.504228	3.611259	4.285649
01/07/2031	-1.50914	-0.87792	0.164775	1.344613	2.553098	3.670343	4.352225
01/07/2032	-1.49396	-0.8575	0.193796	1.384108	2.603748	3.731632	4.421233
01/07/2033	-1.47819	-0.83637	0.223831	1.424986	2.656189	3.79508	4.492562
01/07/2034	-1.46167	-0.81442	0.254972	1.46729	2.710398	3.860597	4.566063
01/07/2035	-1.44426	-0.79152	0.287297	1.511035	2.766318	3.928061	4.641551
01/07/2036	-1.42584	-0.76757	0.320864	1.556218	2.823871	3.997323	4.718815
01/07/2037	-1.40628	-0.74247	0.35572	1.602814	2.882956	4.068214	4.797633
01/07/2038	-1.38546	-0.71615	0.391901	1.65079	2.943461	4.140556	4.877779
01/07/2039	-1.36331	-0.68853	0.429437	1.700103	3.005272	4.214175	4.959037
01/07/2040	-1.33971	-0.65955	0.468351	1.750708	3.068276	4.288906	5.041214
01/07/2041	-1.31459	-0.62913	0.508661	1.802559	3.132371	4.364603	5.124145
01/07/2042	-1.2879	-0.59725	0.550382	1.855616	3.19747	4.441148	5.207706
01/07/2043	-1.25957	-0.56385	0.593526	1.909844	3.263506	4.518456	5.291817
01/07/2044	-1.22958	-0.52891	0.638099	1.965215	3.330432	4.596479	5.376447
01/07/2045	-1.19792	-0.49243	0.684098	2.021708	3.398227	4.675204	5.461611
01/07/2046	-1.16459	-0.45442	0.731514	2.079306	3.466889	4.754657	5.547374
01/07/2047	-1.12965	-0.41491	0.780322	2.137995	3.536439	4.834898	5.633841
01/07/2048	-1.09316	-0.37395	0.830484	2.197764	3.60691	4.916011	5.721151
01/07/2049	-1.05522	-0.33162	0.881943	2.2586	3.678351	4.998106	5.809472
01/07/2050	-1.01595	-0.28804	0.934626	2.320483	3.750818	5.081306	5.898989
01/07/2051	-0.97552	-0.24332	0.988439	2.383391	3.824368	5.16574	5.989894
01/07/2052	-0.93412	-0.19763	1.04327	2.447293	3.899056	5.251539	6.082381
01/07/2053	-0.89193	-0.15112	1.098994	2.512149	3.974935	5.338824	6.17663
01/07/2054	-0.84918	-0.10399	1.155469	2.577914	4.052047	5.427704	6.272804
01/07/2055	-0.80609	-0.05642	1.21255	2.644536	4.130423	5.518272	6.371047
01/07/2056	-0.76289	-0.0086	1.270088	2.711961	4.210085	5.610599	6.471469
01/07/2057	-0.71978	0.039287	1.327941	2.780136	4.291044	5.704734	6.574154
01/07/2058	-0.67697	0.087083	1.385977	2.849011	4.373302	5.800705	6.679154
01/07/2059	-0.63461	0.134643	1.444084	2.918542	4.456851	5.89852	6.786486
01/07/2060	-0.59285	0.181858	1.50217	2.988698	4.541675	5.998162	6.896136
01/07/2061	-0.55177	0.228648	1.560174	3.059458	4.627757	6.099598	7.008062
01/07/2062	-0.51142	0.274974	1.618065	3.130815	4.715069	6.202779	7.122191
01/07/2063	-0.47182	0.320836	1.675846	3.202778	4.803586	6.307638	7.238424
01/07/2064	-0.43293	0.366275	1.733554	3.275372	4.893277	6.414097	7.356638
01/07/2065	-0.39465	0.411371	1.791261	3.348637	4.984113	6.52207	7.476693