



HELIOS RENEWABLE
ENERGY
PROJECT

PINS Document Number:
EN010140/APP/6.3.12.8

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

Environmental Statement
Appendix 12.8:
Minimum Winter 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 Representati 25km grid
Temporal Average T Seasonal
Time Period December January February
Time Slice Type 1-year time slices
Variable Minimum air temperature anomaly at 1.5m (Å°C)
Year Maximum 2066
Year Minimum 2023
Date Minimum : Minimum : Minimum : Minimum : Minimum : Minimum : Minimum air temperature anomaly at 1.5m (Å°C)(95th Percentile)

01/01/2023	-1.20851	-0.77593	-0.05934	0.751328	1.571707	2.329137	2.802519
01/01/2024	-1.19217	-0.75772	-0.03753	0.777206	1.60254	2.366161	2.842407
01/01/2025	-1.17548	-0.73926	-0.01547	0.803337	1.633768	2.403767	2.882806
01/01/2026	-1.15841	-0.7205	0.006884	0.829781	1.665438	2.441977	2.923751
01/01/2027	-1.14092	-0.70139	0.029574	0.856599	1.697598	2.480816	2.965288
01/01/2028	-1.12299	-0.68189	0.052648	0.883855	1.730303	2.520313	3.007475
01/01/2029	-1.10459	-0.66198	0.076147	0.911608	1.763605	2.560502	3.05038
01/01/2030	-1.08571	-0.64162	0.100108	0.939916	1.797559	2.601419	3.094077
01/01/2031	-1.06635	-0.62078	0.124563	0.968829	1.832216	2.643101	3.13865
01/01/2032	-1.04652	-0.59947	0.149533	0.998392	1.867626	2.68559	3.184182
01/01/2033	-1.02624	-0.57767	0.175033	1.028639	1.903833	2.728924	3.23076
01/01/2034	-1.00555	-0.5554	0.201066	1.059592	1.940873	2.773142	3.278466
01/01/2035	-0.98448	-0.53269	0.227624	1.091264	1.978775	2.818278	3.327376
01/01/2036	-0.9631	-0.50957	0.254689	1.123655	2.017561	2.864362	3.377558
01/01/2037	-0.94147	-0.48609	0.282233	1.156752	2.057239	2.911419	3.429067
01/01/2038	-0.91967	-0.4623	0.310219	1.190531	2.097809	2.959464	3.481945
01/01/2039	-0.89778	-0.43828	0.3386	1.224958	2.13926	3.008507	3.536217
01/01/2040	-0.87589	-0.41408	0.367327	1.259989	2.181571	3.058548	3.591892
01/01/2041	-0.85407	-0.3898	0.396344	1.295575	2.22471	3.10958	3.648963
01/01/2042	-0.83241	-0.36548	0.425598	1.331661	2.268641	3.161586	3.707408
01/01/2043	-0.81098	-0.34121	0.455036	1.368192	2.313319	3.214543	3.767187
01/01/2044	-0.78985	-0.31704	0.484611	1.405111	2.358693	3.268419	3.828248
01/01/2045	-0.76905	-0.29303	0.514279	1.442365	2.404712	3.323179	3.890528
01/01/2046	-0.74864	-0.26922	0.544005	1.479905	2.45132	3.378781	3.953951
01/01/2047	-0.72864	-0.24564	0.573764	1.517685	2.498465	3.43518	4.018439
01/01/2048	-0.70905	-0.22232	0.603536	1.555669	2.546092	3.49233	4.083909
01/01/2049	-0.68989	-0.19925	0.633314	1.593826	2.594154	3.550184	4.150276
01/01/2050	-0.67113	-0.17645	0.663094	1.632134	2.642607	3.6087	4.217461
01/01/2051	-0.65276	-0.15389	0.692884	1.670577	2.691412	3.667837	4.28539
01/01/2052	-0.63474	-0.13157	0.722694	1.709149	2.74054	3.727561	4.354
01/01/2053	-0.61703	-0.10944	0.752542	1.747849	2.789968	3.787846	4.423238
01/01/2054	-0.59959	-0.08748	0.782447	1.786684	2.839682	3.848675	4.493067
01/01/2055	-0.58237	-0.06566	0.812432	1.825665	2.889678	3.910042	4.563466
01/01/2056	-0.56532	-0.04394	0.842518	1.86481	2.939963	3.971953	4.63443
01/01/2057	-0.54841	-0.02228	0.872729	1.90414	2.990551	4.034423	4.705969
01/01/2058	-0.53157	-0.00064	0.903084	1.943679	3.041467	4.097484	4.778113
01/01/2059	-0.51478	0.021004	0.933603	1.983456	3.092742	4.161175	4.850905
01/01/2060	-0.49799	0.042683	0.964301	2.0235	3.14442	4.225547	4.9244
01/01/2061	-0.48118	0.064423	0.995193	2.063844	3.196546	4.290661	4.998666
01/01/2062	-0.46432	0.086249	1.026291	2.104522	3.249176	4.356584	5.073773
01/01/2063	-0.44739	0.108179	1.057607	2.145569	3.302368	4.423384	5.1498
01/01/2064	-0.43037	0.130234	1.089152	2.187022	3.356184	4.491134	5.226819
01/01/2065	-0.41325	0.152432	1.12094	2.228923	3.410686	4.559899	5.304899