

PREFERRED POWERLINE ROUTE OPTION

Distance (m)	Latitude (E)	Longitude (S)
0m (Emil SS)	27° 44' 10.835" S	22° 55' 14.137" E
250m	27° 44' 12.510" S	22° 55' 8.690" E
500m	27° 44' 14.892" S	22° 55' 1.469" E
750m	27° 44' 22.940" S	22° 55' 0.000" E
1000m	27° 44' 30.974" S	22° 54' 58.522" E
1250m	27° 44' 38.988" S	22° 54' 57.055" E
1500m	27° 44' 46.910" S	22° 54' 55.603" E
1750m	27° 44' 54.205" S	22° 54' 54.266" E
2000m	27° 45' 2.227" S	22° 54' 52.796" E
2250m	27° 45' 10.240" S	22° 54' 51.328" E
2500m	27° 45' 18.286" S	22° 54' 49.853" E
2750m	27° 45' 26.330" S	22° 54' 48.379" E
3000m	27° 45' 32.734" S	22° 54' 44.158" E
3250m	27° 45' 40.207" S	22° 54' 40.499" E
3500m	27° 45' 47.669" S	22° 54' 36.846" E
3750m	27° 45' 55.137" S	22° 54' 33.188" E
4000m	27° 46' 2.581" S	22° 54' 29.542" E
4250m	27° 46' 10.048" S	22° 54' 25.881" E
4500m	27° 46' 17.325" S	22° 54' 21.963" E
4750m	27° 46' 24.106" S	22° 54' 18.743" E
5000m	27° 46' 31.172" S	22° 54' 14.231" E
5250m	27° 46' 38.214" S	22° 54' 9.668" E
5500m	27° 46' 45.271" S	22° 54' 5.095" E
5750m	27° 46' 52.323" S	22° 54' 0.525" E
6000m	27° 46' 59.382" S	22° 53' 55.950" E
6250m	27° 47' 6.436" S	22° 53' 51.378" E
6500m	27° 47' 13.547" S	22° 53' 46.769" E
6750m	27° 47' 20.556" S	22° 53' 42.226" E
7000m	27° 47' 27.610" S	22° 53' 37.648" E
7250m	27° 47' 34.697" S	22° 53' 33.089" E
7500m	27° 47' 41.708" S	22° 53' 28.529" E
7750m	27° 47' 48.795" S	22° 53' 23.941" E
8000m	27° 47' 55.851" S	22° 53' 19.384" E
8250m	27° 48' 2.879" S	22° 53' 14.834" E
8500m	27° 48' 9.906" S	22° 53' 10.264" E
8750m	27° 48' 16.984" S	22° 53' 5.675" E
9000m	27° 48' 24.063" S	22° 53' 1.067" E
9250m	27° 48' 31.159" S	22° 52' 56.477" E
9500m	27° 48' 38.238" S	22° 52' 51.907" E
9750m	27° 48' 45.333" S	22° 52' 47.298" E
10000m	27° 48' 52.377" S	22° 52' 42.708" E
10250m	27° 48' 59.439" S	22° 52' 38.156" E
10500m	27° 49' 6.500" S	22° 52' 33.566" E
10750m	27° 49' 13.578" S	22° 52' 28.975" E
11000m	27° 49' 20.674" S	22° 52' 24.365" E
11250m	27° 49' 27.735" S	22° 52' 19.794" E

11500m	27° 49' 34.796" S	22° 52' 15.203" E
11750m	27° 49' 41.857" S	22° 52' 10.631" E
12000m	27° 49' 48.952" S	22° 52' 6.040" E
12250m	27° 49' 55.996" S	22° 52' 1.467" E
12500m	27° 50' 3.091" S	22° 51' 56.837" E
12750m	27° 50' 10.169" S	22° 51' 52.265" E
13000m	27° 50' 17.230" S	22° 51' 47.673" E
13250m	27° 50' 24.291" S	22° 51' 43.100" E
13500m	27° 50' 31.369" S	22° 51' 38.488" E
13750m	27° 50' 38.447" S	22° 51' 33.915" E
14000m	27° 50' 45.507" S	22° 51' 29.342" E
14250m	27° 50' 52.551" S	22° 51' 24.749" E
14500m	27° 50' 59.611" S	22° 51' 20.175" E
14750m	27° 51' 6.689" S	22° 51' 15.582" E
15000m	27° 51' 13.732" S	22° 51' 11.008" E
15250m	27° 51' 20.758" S	22° 51' 6.415" E
15500m	27° 51' 27.801" S	22° 51' 1.879" E
15750m	27° 51' 34.832" S	22° 50' 57.329" E
16000m	27° 51' 41.896" S	22° 50' 52.725" E
16250m	27° 51' 48.961" S	22° 50' 48.121" E
16500m	27° 51' 56.004" S	22° 50' 43.542" E
16750m	27° 52' 3.047" S	22° 50' 38.986" E
17000m	27° 52' 10.089" S	22° 50' 34.406" E
17250m	27° 52' 17.111" S	22° 50' 29.850" E
17500m	27° 52' 24.132" S	22° 50' 25.293" E
17750m	27° 52' 31.175" S	22° 50' 20.713" E
18000m	27° 52' 38.196" S	22° 50' 16.156" E
18250m	27° 52' 45.260" S	22° 50' 11.575" E
18500m	27° 52' 52.346" S	22° 50' 6.970" E
18750m	27° 52' 59.388" S	22° 50' 2.389" E
19000m	27° 53' 6.431" S	22° 49' 57.832" E
19250m	27° 53' 13.525" S	22° 49' 53.211" E
19500m	27° 53' 20.550" S	22° 49' 48.634" E
19750m	27° 53' 27.610" S	22° 49' 44.057" E
20000m	27° 53' 34.652" S	22° 49' 39.479" E
20250m	27° 53' 41.660" S	22° 49' 34.902" E
20500m	27° 53' 48.685" S	22° 49' 30.382" E
20750m	27° 53' 55.710" S	22° 49' 25.785" E
21000m	27° 54' 2.770" S	22° 49' 21.208" E
21250m	27° 54' 9.812" S	22° 49' 16.649" E
21500m	27° 54' 16.837" S	22° 49' 12.090" E
21750m	27° 54' 23.895" S	22° 49' 7.491" E
22000m	27° 54' 30.937" S	22° 49' 2.913" E
22250m	27° 54' 38.013" S	22° 48' 58.295" E
22500m	27° 54' 45.055" S	22° 48' 53.736" E
22750m	27° 54' 52.097" S	22° 48' 49.137" E
23000m	27° 54' 59.173" S	22° 48' 44.558" E
23250m	27° 55' 6.215" S	22° 48' 39.959" E
23500m	27° 55' 12.809" S	22° 48' 35.032" E
23750m	27° 55' 14.103" S	22° 48' 25.992" E
24000m	27° 55' 15.397" S	22° 48' 16.952" E
24250m	27° 55' 16.690" S	22° 48' 7.931" E
24500m	27° 55' 18.001" S	22° 47' 58.891" E

24750m	27° 55' 19.277" S	22° 47' 49.831" E
25000m	27° 55' 20.587" S	22° 47' 40.790" E
25250m	27° 55' 21.880" S	22° 47' 31.731" E
25500m	27° 55' 23.173" S	22° 47' 22.651" E
25750m	27° 55' 24.479" S	22° 47' 13.577" E
26000m	27° 55' 25.776" S	22° 47' 4.526" E
26250m	27° 55' 27.073" S	22° 46' 55.476" E
26500m	27° 55' 28.347" S	22° 46' 46.426" E
26750m	27° 55' 29.644" S	22° 46' 37.399" E
27000m	27° 55' 30.940" S	22° 46' 28.324" E
27250m	27° 55' 32.236" S	22° 46' 19.298" E
27500m	27° 55' 33.531" S	22° 46' 10.223" E
27750m	27° 55' 34.827" S	22° 46' 1.148" E
28000m	27° 55' 36.552" S	22° 45' 52.217" E
28250m	27° 55' 38.750" S	22° 45' 43.406" E
28500m	27° 55' 40.905" S	22° 45' 34.571" E
28750m	27° 55' 43.103" S	22° 45' 25.760" E
29000m	27° 55' 45.279" S	22° 45' 16.973" E
29250m	27° 55' 47.477" S	22° 45' 8.138" E
29500m	27° 55' 49.674" S	22° 44' 59.302" E
29750m	27° 55' 52.322" S	22° 44' 50.634" E
30000m	27° 55' 55.272" S	22° 44' 42.087" E
30250m	27° 55' 59.666" S	22° 44' 36.004" E
30500m	27° 56' 7.185" S	22° 44' 34.994" E
30750m	27° 56' 11.669" S	22° 44' 27.368" E
30806m (End Point)	27° 56' 12.123" S	22° 44' 25.464" E

ALTERNATIVE POWERLINE ROUTE OPTION

Distance (m)	Latitude (E)	Longitude (S)
0m (Emil SS)	27° 44' 10.835" S	22° 55' 14.137" E
250m	27° 44' 17.217" S	22° 55' 16.402" E
500m	27° 44' 25.330" S	22° 55' 16.528" E
750m	27° 44' 33.462" S	22° 55' 16.652" E
1000m	27° 44' 41.593" S	22° 55' 16.777" E
1250m	27° 44' 49.686" S	22° 55' 16.873" E
1500m	27° 44' 56.618" S	22° 55' 14.781" E
1750m	27° 45' 3.497" S	22° 55' 9.935" E
2000m	27° 45' 10.366" S	22° 55' 5.075" E
2250m	27° 45' 17.261" S	22° 55' 0.230" E
2500m	27° 45' 24.143" S	22° 54' 55.384" E
2750m	27° 45' 31.012" S	22° 54' 50.538" E
3000m	27° 45' 38.372" S	22° 54' 46.619" E
3250m	27° 45' 45.822" S	22° 54' 42.989" E
3500m	27° 45' 53.272" S	22° 54' 39.345" E
3750m	27° 46' 0.760" S	22° 54' 35.701" E
4000m	27° 46' 8.210" S	22° 54' 32.057" E
4250m	27° 46' 15.672" S	22° 54' 28.427" E
4500m	27° 46' 23.317" S	22° 54' 26.695" E
4750m	27° 46' 30.173" S	22° 54' 21.819" E
5000m	27° 46' 37.222" S	22° 54' 17.276" E
5250m	27° 46' 44.259" S	22° 54' 12.732" E
5500m	27° 46' 51.308" S	22° 54' 8.160" E
5750m	27° 46' 58.331" S	22° 54' 3.602" E
6000m	27° 47' 5.380" S	22° 53' 59.058" E
6250m	27° 47' 12.430" S	22° 53' 54.485" E
6500m	27° 47' 19.492" S	22° 53' 49.912" E
6750m	27° 47' 26.528" S	22° 53' 45.367" E
7000m	27° 47' 33.551" S	22° 53' 40.808" E
7250m	27° 47' 40.587" S	22° 53' 36.264" E
7500m	27° 47' 47.623" S	22° 53' 31.704" E
7750m	27° 47' 54.672" S	22° 53' 27.145" E
8000m	27° 48' 1.721" S	22° 53' 22.585" E
8250m	27° 48' 8.795" S	22° 53' 17.996" E
8500m	27° 48' 15.857" S	22° 53' 13.422" E
8750m	27° 48' 22.919" S	22° 53' 8.847" E
9000m	27° 48' 29.954" S	22° 53' 4.301" E
9250m	27° 48' 36.990" S	22° 52' 59.741" E
9500m	27° 48' 44.064" S	22° 52' 55.166" E
9750m	27° 48' 51.113" S	22° 52' 50.590" E
10000m	27° 48' 58.174" S	22° 52' 46.015" E
10250m	27° 49' 5.248" S	22° 52' 41.439" E
10500m	27° 49' 12.310" S	22° 52' 36.849" E
10750m	27° 49' 19.358" S	22° 52' 32.302" E
11000m	27° 49' 26.406" S	22° 52' 27.726" E
11250m	27° 49' 33.455" S	22° 52' 23.164" E
11500m	27° 49' 40.516" S	22° 52' 18.616" E
11750m	27° 49' 47.577" S	22° 52' 14.025" E
12000m	27° 49' 54.625" S	22° 52' 9.463" E

12250m	27° 50' 1.699" S	22° 52' 4.886" E
12500m	27° 50' 8.747" S	22° 52' 0.309" E
12750m	27° 50' 15.782" S	22° 51' 55.746" E
13000m	27° 50' 22.817" S	22° 51' 51.197" E
13250m	27° 50' 29.865" S	22° 51' 46.620" E
13500m	27° 50' 36.926" S	22° 51' 42.042" E
13750m	27° 50' 43.961" S	22° 51' 37.493" E
14000m	27° 50' 50.995" S	22° 51' 32.929" E
14250m	27° 50' 58.017" S	22° 51' 28.366" E
14500m	27° 51' 5.091" S	22° 51' 23.802" E
14750m	27° 51' 12.126" S	22° 51' 19.223" E
15000m	27° 51' 19.173" S	22° 51' 14.644" E
15250m	27° 51' 26.221" S	22° 51' 10.109" E
15500m	27° 51' 33.242" S	22° 51' 5.544" E
15750m	27° 51' 40.277" S	22° 51' 0.980" E
16000m	27° 51' 47.324" S	22° 50' 56.415" E
16250m	27° 51' 54.385" S	22° 50' 51.835" E
16500m	27° 52' 1.419" S	22° 50' 47.255" E
16750m	27° 52' 8.453" S	22° 50' 42.704" E
17000m	27° 52' 15.488" S	22° 50' 38.153" E
17250m	27° 52' 22.522" S	22° 50' 33.588" E
17500m	27° 52' 29.582" S	22° 50' 29.022" E
17750m	27° 52' 36.616" S	22° 50' 24.441" E
18000m	27° 52' 43.689" S	22° 50' 19.860" E
18250m	27° 52' 50.749" S	22° 50' 15.294" E
18500m	27° 52' 57.822" S	22° 50' 10.698" E
18750m	27° 53' 4.895" S	22° 50' 6.117" E
19000m	27° 53' 11.928" S	22° 50' 1.536" E
19250m	27° 53' 18.962" S	22° 49' 56.968" E
19500m	27° 53' 26.048" S	22° 49' 52.401" E
19750m	27° 53' 33.056" S	22° 49' 47.834" E
20000m	27° 53' 40.116" S	22° 49' 43.266" E
20250m	27° 53' 47.162" S	22° 49' 38.684" E
20500m	27° 53' 54.222" S	22° 49' 34.102" E
20750m	27° 54' 1.255" S	22° 49' 29.526" E
21000m	27° 54' 8.328" S	22° 49' 24.943" E
21250m	27° 54' 15.374" S	22° 49' 20.375" E
21500m	27° 54' 22.421" S	22° 49' 15.807" E
21750m	27° 54' 29.493" S	22° 49' 11.209" E
22000m	27° 54' 36.526" S	22° 49' 6.640" E
22250m	27° 54' 43.572" S	22° 49' 2.071" E
22500m	27° 54' 50.606" S	22° 48' 57.502" E
22750m	27° 54' 57.691" S	22° 48' 52.932" E
23000m	27° 55' 4.788" S	22° 48' 48.304" E
23250m	27° 55' 11.783" S	22° 48' 43.691" E
23500m	27° 55' 13.072" S	22° 48' 34.632" E
23750m	27° 55' 14.349" S	22° 48' 25.587" E
24000m	27° 55' 15.639" S	22° 48' 16.556" E
24250m	27° 55' 16.941" S	22° 48' 7.526" E
24500m	27° 55' 18.230" S	22° 47' 58.466" E
24750m	27° 55' 19.506" S	22° 47' 49.435" E
25000m	27° 55' 20.820" S	22° 47' 40.392" E
25250m	27° 55' 22.106" S	22° 47' 31.354" E
25500m	27° 55' 23.382" S	22° 47' 22.267" E
25750m	27° 55' 24.689" S	22° 47' 13.253" E

26000m	27° 55' 25.954" S	22° 47' 4.239" E
26250m	27° 55' 27.261" S	22° 46' 55.188" E
26500m	27° 55' 28.549" S	22° 46' 46.172" E
26750m	27° 55' 29.837" S	22° 46' 37.155" E
27000m	27° 55' 31.111" S	22° 46' 28.080" E
27250m	27° 55' 32.411" S	22° 46' 19.020" E
27500m	27° 55' 33.698" S	22° 46' 10.003" E
27750m	27° 55' 34.985" S	22° 46' 0.957" E
28000m	27° 55' 36.736" S	22° 45' 51.997" E
28250m	27° 55' 38.926" S	22° 45' 43.152" E
28500m	27° 55' 41.115" S	22° 45' 34.322" E
28750m	27° 55' 43.317" S	22° 45' 25.477" E
29000m	27° 55' 45.506" S	22° 45' 16.675" E
29250m	27° 55' 47.708" S	22° 45' 7.845" E
29500m	27° 55' 49.897" S	22° 44' 59.043" E
29750m	27° 55' 52.524" S	22° 44' 50.385" E
30000m	27° 55' 55.448" S	22° 44' 41.828" E
30250m	27° 56' 0.031" S	22° 44' 36.146" E
30500m	27° 56' 7.403" S	22° 44' 34.779" E
30750m	27° 56' 11.876" S	22° 44' 27.162" E
30799m	27° 56' 12.173" S	22° 44' 25.470" E