Bahamas

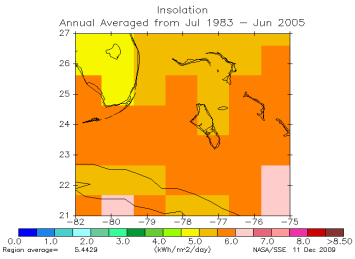
Average score 78%

Highest 142%
Lowest 40%

Practical effect to be expected of SolarDrive S2E (200 W)

Trail type - golf course			Light	Medium	Heavy
Consumption	18 holes	kWh	0.80	1.10	1.60
Power production	High (best month)	kWh	1.14	1.14	1.14
PRP* supplied by SolarDrive S2E	High (best month)	kWh	**142%**	**104%**	**71%**
Power production	Low (weakest month)	kWh	0.64	0.64	0.64
PRP* supplied by SolarDrive S2E	Low (weakest month)	kWh	**80%**	**58%**	**40%**
Power production	Yearly Average	kWh	0.86	0.86	0.86
PRP* supplied by SolarDrive S2E	Yearly Average	kWh	**107%**	**78%**	**54%**

*Percentage of Required Power



Basic data

Nominal effect kW 0.200 Lat. 24.2 Lon. -77.5

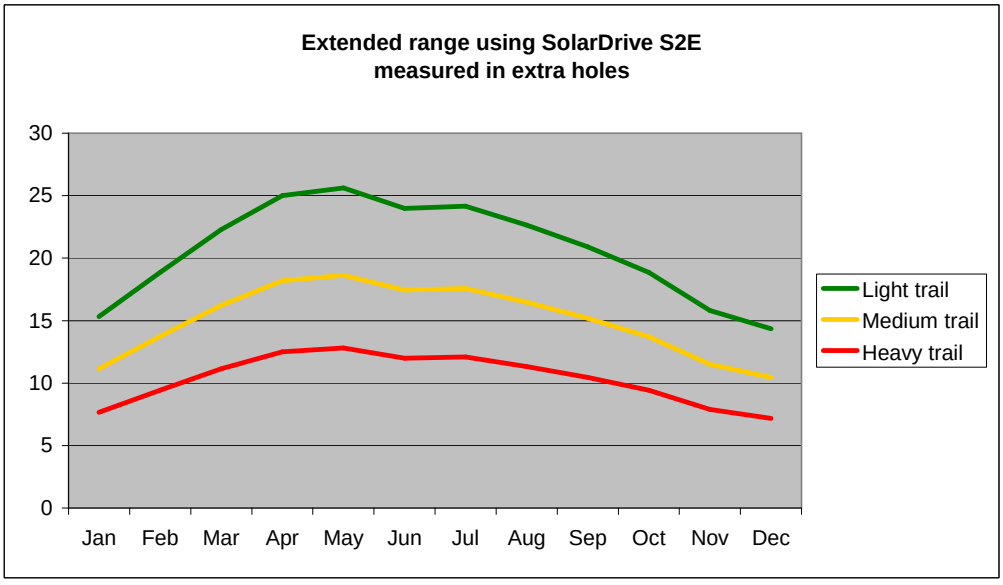
Solar insolation	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Average**
kWh/m2/day**	3.84	4.73	5.59	6.28	6.46	6.08	6.14	5.76	5.31	4.78	3.99	3.61	5.21
Avg. day temperature (C)	24.1	24.0	24.2	24.5	25.8	27.4	28.2	28.4	28.2	27.6	26.3	24.9	26.2
Avg. day temperature (F)	75.4	75.2	75.6	76.1	78.4	81.3	82.8	83.1	82.8	81.7	79.3	76.8	79.2
Temperature loss factor	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.88
System loss factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Expected output kWh	0.68	0.84	0.99	1.11	1.14	1.07	1.07	1.01	0.93	0.84	0.70	0.64	0.86

Percentage of consumption driving 18 golf holes on

	Jan	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Average**
Light trail	85%	105%	124%	139%	142%	133%	134%	126%	116%	105%	88%	80%	107%
Medium trail	62%	76%	90%	101%	104%	97%	98%	92%	84%	76%	64%	58%	78%
Heavy trail	43%	52%	62%	69%	71%	67%	67%	63%	58%	52%	44%	40%	54%

Additional golf holes using SolarDrive on Top

	Jan	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Average**
Light trail	15	19	22	25	26	24	24	23	21	19	16	14	19
Medium trail	11	14	16	18	19	17	18	16	15	14	11	10	14
Heavy trail	8	9	11	13	13	12	12	11	10	9	8	7	10



Potential CO2 savings/car/year* 155 to 266 kilos or 342 to 587 lbs.**

**Source: NASA Langley Research Center Atmospheric Science Data Center (22 year average)
***CO2 savings are calculated compared to grid electricity supplied from modern power plants burning fossil fuels (0.49-0.85 kg CO2/kWh)
****If battery charge level is low from the start the S2E must be allowed the necessary time to charge as the energy is accumulated over the day