



## Tour de Sol 2006 Race Summary

Car #	Team - Car	TOTAL SCORE	Position	Tech	Fuel	Tech 100 pts max	Range 100 pts max		Acceleration 75 pts max		Hill Climb 75 pts max		Reliability 100 ptsmax		Efficiency Event 250 pts max		Greenhouse Gas 250 pts max		Autocross 100 pts max		Special Points	Penalties
						Score	Distance (miles)	Score	Time (sec)	Score	Time (sec)	Score	Miles	Score	MPG (mpg)	Score	GHG per Mile	Score	Time (sec)	Score	Score	Score
<b>ALTERNATIVE FUEL &amp; HYBRID VEHICLES</b>																						
<i>Student Teams-Two+Person</i>																						
2	WPHS EV Team (West Philly HS)	865.8	1	AFV	B100	63.6	197.9	100	5.38	72.889	10.2	71.9	41.3	100.0	55.4	105.36	58.21	242.1	30.9	100	10	0
65	St. Mark's EV Club	847.8	2	AFV	B100	74.3	197.9	100.0	6.4	67.4	13.2	62.8	41.3	100.0	50.8	100.84	63.4	239.8	32.21	95.192	7.5	0
32	Western Washington U. Hybrid Club	786.7	4	HEV	BioGas	66.2	205.1	50.0	5.6	71.9	10.2	71.7	41.3	100.0	42.5	92.471	63.56	239.8	34.41	87.144	7.5	0
<i>Student Teams-One Person</i>																						
99	DCE Hybrid Team Delhi College, India	309.0	13	HEV	Gas	23.3	35.8	20.8	11.3	39.9					28.1	78.127	403.7	91.85	44.57	50	5	0
<i>Independent Teams</i>																						
19	Greasecar Vegetable Fuel Systems	806.7	3	AFV	VO	61.0	197.9	100.0	6.8	65.2	14.0	60.6	41.3	100.0	48.8	98.84	65.99	238.7	36.4	79.89	2.5	0
12	Vogelbilt	708.5	6	AFV	B100	68.9	197.9	100.0	5.8	70.4	10.9	69.6	41.3	100.0	15.9	65.871	203.1	179.1	36.61	79.119	0	24.5
<b>BATTERY ELECTRIC - Student Teams</b>																						
<i>Student Teams</i>																						
16	Burlington County Electechs	663.6	8	BEV	Elect	69.9	34.2	21.2	8.2	57.1	19.7	43.6	41.3	100.0	86.9	136.93	214.8	174	41.59	60.899	0	0
14	Methacton Electric Car Club (HS)	653.6	9	BEV	Elect	59.6	46.4	29.9	7.7	59.8	15.0	57.5			131.2	181.24	142.3	205.5	0	55	5	0
53	North Haven Community School	462.8	12	BEV	Elect	64.6	39.0	23.6	10.2	46.3	25.5	26.5	41.3	99.5	35.2	85.228	530.1	50	42.63	57.09	10	0
<i>Prototype - Independent Teams</i>																						
20	EVermont	665.1	7	BEV	Elect	66.7	70.0	42.5	8.7	54.3	18.7	46.5	41.3	100.0	110.9	160.94	168.3	194.2	0	0	0	0
<b>SOLAR - Student Teams</b>																						
<i>Two+Person</i>																						
56	St. Mark's EV Club	714.6	5	Sol	Solec	70.5	63.8	39.7	7.6	60.7	18.6	47.0	41.3	100.0	68.4	118.38	273.1	148.7	41.02	62.98	7.5	0
<i>One-Person</i>																						
7	West Irondequoit Solar Car Team	593.2	10	Sol	Solec	59.4	12.0	0	8.9	53.3	18.8	46.2	26.0	41.0	73.0	123.03	255.7	156.2	0	55	7.5	0
92	Cato-Meridian High School Tech Team	587.6	11	Sol	Solec	51.8	27.1	23.2	9.3	51.2	21.3	39.1			121.7	171.7	153.4	200.7	0	55	5	10
17	Penn Solar Racing	110.9	14	Sol	Solec	29.7			11.4	39.4	28.5	25.0	1.0	16.8		0		0	0	0	0	0

Vehicle	Team	Fuel	Fuel	Fuel					
AFV	Alt. Fueled Vehicle	Ind	Independent	B100	BioDiesel	Elect	Grid Electricity	E85	Ethanol 85%
BEV	Battery Electric Vehicle	Pro	Production	BioD	BioDiesel from Cooking Oil	Gas	Conventional Gasoline	BioGas	BioGas
HEV	Hybrid Electric Vehicle	Stu	Student	CNG	Compressed Natural Gas	Solec	Solar-Electric	VO	Vegetable Oil