



Tour de Sol 2004 Race Summary

Car #	Team - Car	TOTAL SCORE	Cat	Div	Veh Typ	Fuel	Tech 100 pts max	Range Event 200 pts max	Reliability Event 100 pts max	Acceleration Event 100 pts max	Efficiency Event 200 pts max	Greenhouse Gases Event 200 pts max	Autocross Event 100 pts max	Special Points	Penalties	Solar							
							Score	Distance (miles)	Score	Distance (miles)	Score	Time (sec)	Score	MPG (mpg)	Score	GHG per Mile	Score	Time (sec)	Score	Score	Miles	Score	
ALTERNATIVE FUEL & HYBRID VEHICLES																							
12	Vogelbilt	560.1	AFV	Ind	LD	B100	48.1	140.0	104.0	75.3	100.0	7.5	65.1	19.7	64.8	163.6	159.7	32.5	65.8	2.5	50		
70	S&S Autosports	688.8	HEV	Pro	LD	Gas	58.5	234.5	160.7	75.3	100.0	8.4	51.5	50.0	87.5	227.0	139.0	27.9	96.7		5		
10	Trenton High School	701.2	AFV	Stu	LD	BioD	59.0	224.7	154.8	75.3	100.0	9.2	39.7	40.0	80.0	80.6	186.8	31.0	75.9	7.5	2.5		
6	Sterling College	690.6	AFV	Stu	LD	B100	59.0	222.9	153.7	75.3	100.0	9.3	38.2	44.5	83.4	72.4	189.4	33.1	61.8	7.5	2.5		
32	W. Washington U.-Viking 32	685.7	HEV	Stu	LD	CNG	53.9	159.7	115.8	75.3	100.0	6.4	80.9	45.4	84.0	205.5	146.0	27.4	100.0	5.0	0		
52	University of Waterloo	665.0	HEV	Stu	LD	E85	58.0	247.8	168.7	75.3	100.0	7.9	58.8	31.7	73.8	284.2	120.4	28.1	95.3	5.0	15		
17	U. of Tulsa	492.3	HEV	Stu	LD	Gas	39.8	217.9	150.7	22.7	42.1	10.5	25.0	34.1	75.6	334.8	103.9	32.6	65.2		10		
23	W. Washington U.-Viking 23	458.6	HEV	Stu	LD	B100	46.5			55.6	73.8	8.1	55.9	52.5	89.4	61.4	193.0			5.0	5		
BATTERY ELECTRIC																							
19	Electrovaya Inc.	445.3	BEV	Ind	LD	Elect	47.8	13.6	50.0	75.3	70.5	10.4	25.0	77.5	108.1	241.0	134.5	36.8	37.1		27.5		
4	PET Inc.-Bamboo Transport	715.3	BEV	Pro	ONE	Elect	57.1	63.8	63.8	74.7	94.9	14.9	25.0	641.8	225.0	29.1	220.9	37.7	31.0	2.5	5		
3	SVCDC/PET Inc.-Road Ski	680.4	BEV	Pro	ONE	Elect	56.8	25.2	50.0	68.0	91.3	20.3	25.0	618.6	225.0	30.2	219.8	38.6	25.0	2.5	15		
45	Methacton High School	674.3	BEV	Stu	LD	Elect	55.5	94.0	76.4	75.3	100.0	9.5	35.3	136.3	152.2	137.0	168.4	28.3	94.0	5.0	12.5		
16	Cinnaminson High School	659.9	BEV	Stu	LD	Elect	66.4	105.6	83.4	75.3	100.0	9.4	36.8	106.3	129.7	175.7	155.8	29.2	87.9	5.0	5		
38	Union Endicott High School	648.7	BEV	Stu	LD	Elect	58.5	75.6	65.4	75.3	100.0	9.4	36.8	132.1	149.1	141.4	166.9	31.2	74.6	7.5	10		
HYDROGEN																							
2	UW-Madison	388.1	Hyd	Stu	ONE	GH2	64.5	62.0	62.0	32.2	44.9	9.3	79.5	89.6	94.8	208.5	50.0				7.5		
SOLAR																							
20	U. Maine-Orono	664.3	Sol	Stu	LD	Solec	30.0	75.5	65.3	69.7	67.5	15.0	25.0	64.7	98.5	268.1	125.6	35.0	49.1		17.5	10.3	220.744
56	St. Mark's High School	600.1	Sol	Stu	LD	Solec	52.8	89.5	73.7	75.3	100.0	10.5	25.0	68.3	101.2	270.0	125.0	33.2	61.2		22.5	2.42	83.7818
92	Cato-Meridian High School	664.5	Sol	Stu	ONE	Solec	60.4	73.6	73.6	69.7	67.5	11.3	58.9	167.6	133.8	107.4	142.6			5.0	10	4.87	132.759
7	Irondequoit High School	564.1	Sol	Stu	ONE	Solec	56.3	64.0	64.0	31.8	47.4	13.4	37.3	122.3	111.1	144.9	105.1			5.0	0	4.5	137.914

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