



## 2006 Tour de Sol CHAMPIONSHIP Results

The Championship is for one-of-a-kind vehicles that aim to reduce oil use and greenhouse gas emissions to zero

AWARD	TOTAL SCORE	Team Name	City	State	Make/Model	Propulsion System & Fuel	Tech 100	Range 100		Acceleration		Hill Climb		41-Mile Trip to STEP & Back		Efficiency Event		Greenhouse Gas		Autocross (Handling)		Special Admin	Penalty Subtract	
							pts max	pts max (Prize for EV & Solar only)	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 CATEGORY</b>																								
<i>Student Division - Two + Person Vehicles</i>																								
1st place overall & Best in category	865.8	WPHS EV Team (West Philly HS)	Philadelphia	PA	2005 Attack kit car conversion	ICE: Biodiesel (B100)	64	198	100	5	73*	10	72*	41	100	55	105	58*	243	31	100*	10	0	
2nd place overall & 2nd place in category	847.8	St. Mark's EV Club	Southborough	MA	2000 VW Jetta TDI	ICE: Biodiesel (B100)	74	198	100	6	67	13	63	41	100	51	101	63	240	32	95	8	0	
3rd place in category	786.7	Western Washington U. Hybrid Club	Bellingham	WA	Purpose-built sedan	HEV: Bio-methane + Panasonic NMH	66	205	50	6	72	10	72	41	100	42	92	64	240	34	87	8	0	
<i>Student Division - One Person Vehicles</i>																								
1st place in category	309.0	DCE Hybrid Team Delhi College, India	New Delhi	India	Purpose-Built one-person vehicle	HEV: Gasoline (RFG) + Trojan PbA	23	36	21	11	40	0	0	0	0	28	78	404	92	45	50	5	0	
<i>Independent Division</i>																								
3rd place overall & 1st place in category	806.7	Greasecar Vegetable Fuel Systems	Easthampton	MA	1976 Austin Mini Clubman Conversion	ICE: 100% Vegetable oil	61	198	100	7	65	14	61	41	100	49	99	66**	239	36	80**	3	0	
2nd place in category	708.5	Vogelbilt	West Babylon	NY	2004 Ford F250 Pick up	ICE: Biodiesel (B100)	69	198	100	6	70**	11	70**	41	100	16	66	203	179	37	79	0	25	
<b>BATTERY ELECTRIC VEHICLE CATEGORY</b>																								
<i>Student Division - Two + Person Vehicles</i>																								
1st place in category	663.6	Burlington County Electechs	Lawrenceville	NJ	1986 Ford Escort conversion	Electric (Battery: Exide PbA+ GP Lithium)	70	34	21	8	57	20	44	41	100	87	137	215	174	42	61	0	0	
2nd place in category	653.6	Methacton Electric Car Club (HS)	Norristown	PA	1999 "Lomax" kit car conversion	Electric (Battery: Eagle Picher PbA)	60	46	30*	8	60	15	58	0	0	131*	181	142	206	0	55	5	0	
3rd place in category	462.8	North Haven Community School	North Haven	ME	1987 VW Vanagon conversion	Electric (Battery: Trojan PbA)	65	39	24	10	46	25	27	41	99	35	85	530	50	43	57	10	0	
<i>Independent Division</i>																								
1st place in category	665.1	Evermont	Waterbury	VT	2005 Toyota Echo Conversion	Electric: (Battery: ZEBRA nickel sodium)	67	70	42**	9	54	19	47	41	100	111**	161	168	194	0	0	0	0	
<b>SOLAR-ASSISTED ELECTRIC VEHICLE CATEGORY</b>																								
<i>Student Division - Two + Person Vehicles</i>																								
1st place in category	714.6	St. Mark's EV Club	Southborough	MA	1994 Ford Ranger, conversion	Electric: (Solar+Battery: Trojan PbA)	71	64	40	8	61	19	47	41	100	68	118	273	149	41	63	8	0	
<i>Student Division - One Person Vehicles</i>																								
1st place in category	593.2	West Irondequoit Solar Car Team	Rochester	NY	1999 Purpose-built	Electric (Solar+Battery: Trojan PbA)	59	12	0	9	53	19	46	26	41	73	123	256	156	0	55	8	0	
2nd place in category	587.6	Cato-Meridian High School Tech Team	Cato	NY	1992 Purpose-built	Electric (Solar+Battery: Ovonics NiMH)	52	27	23	9	51	21	39	0	0	122	172	153	201	0	55	5	10	
3rd place in category	110.9	Penn Solar Racing	Philadelphia	PA	Purpose built	Electric (Solar+Battery: Electrovaya Li-p)	30	0	0	11	39	29	25	1	17	0	0	0	0	0	0	0	0	
<b>Codes:</b>																								
<b>AFV</b> Alt. Fueled Vehicle <b>BEV</b> Battery Electric Vehicle <b>HEV</b> Hybrid Electric Vehicle							<b>B100</b> BioDiesel <b>BioD</b> BioDiesel from Cooking Oil <b>CNG</b> Compressed Natural Gas							<b>Elect</b> Grid Electricity <b>Gas</b> Conventional Gasoline <b>Solec</b> Solar-Electric							<b>Fuel</b> <b>E85</b> Ethanol 85% <b>BioGas</b> BioGas <b>VO</b> Vegetable Oil			

\*First place in the Student Division for the event listed at the top  
 \*\* First Place in the Independent Division for the event listed at the top