


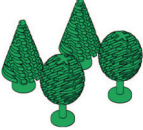

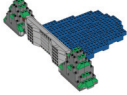












"Power Puzzle" Tune up in PA – 2007 – Score Sheet

Team Number _____	Coach's Initials _____	Field (Circle R=Red, B=Blue)				Circle one					
		F1 _____ - R B	F4 _____ - R B			ROUND	1	2	3	4	5
		F2 _____ - R B	F5 _____ - R B			Match	1	2	3	4	5
		F3 _____ - R B	F6 _____ - R B								

ITEM	SCORING	SCR	ITEM	SCORING	SCR
	Oil Drilling Are all oil barrels OFF the platform? 1=yes, 0 = no			Coal Mining Robot must roll car down tracks. When it touches the bottom did the team retrieve the coal car to base by hand? 1=yes, 0 = no	
	Team Wave Turbine Is the teams turbine in the ocean WEST (left of base) of sandy beach? 1=yes, 0 = no			Tree Planting Number of UPRIGHT TREES in area NORTH of the MAIN RIVER? Allowed values are 0, 1, 2, 3, 4	
	Solar House Panel Is the solar panel on the roof? 1=yes, 0 = no			Hydro Dam Is the Dam touching both banks in the river EAST (right) of base? 1=yes, 0 = no	
				Project Water: Are any Houses touched by dam or water? 1=yes, 0 = no	
	Solar Power Satellite Is there one panel lowered on your side? 1=yes, 0 = no			Wind Turbines Number of turbines on white area not adjacent to base and upright. only values allowed 0, 1, 2	
	Was this team first to lower a panel? 1=yes, 0 = no				
	Power Plant Fuel Supply # of trees in power plant property 0,1,2			Grid Connection Only if the Power Lines are UPRIGHT and TOUCHING the POWER PLANT property, how many adjacent communities is it also touching? 0,1,2,3	
	Minimum of 10 Black Coal Chunks in power plant property 1=yes, 0 = no			Looking only at the connected communities above. How many of the connected communities that are in turn TOUCHING a scoring Hydro-Dam or scoring Wind Turbine. 0,1,2,3	
	Green Uranium in power plant property 0,1,2			Personal Vehicle Choice Is the Car on the House property or driveway? 1=yes, 0 = no	
	What is the number of white oil barrels in power plant property? 0,1,2,3,4,5,6,7			Is the Truck on the PARKING LOT or FARM ? 1=yes, 0 = no	
	Is there ANY red fuel modules on power plant property? 1=yes, 0 = no				
	Uranium Mining Are all uranium elements moved OUT of the FARM ? 1=yes, 0 = no			Oil Barrels Number of barrels remaining in base and parking lot. 0,1,2,3,4,5,6,7,8,9,10,11	
	Corn Harvest Processing Are all corn elements in the base? 1=yes, 0 = no			Is any barrel touching any water or property with a house? 1=yes, 0 = no	
	Is at least one oil barrel in the FARM ? 1=yes, 0 = no			RCX vs. NXT Is the competing robot using the RCX platform? 1=yes, 0 = no	
SUBTOTAL			SUBTOTAL		

Referee Initials: _____	Entered Into Score System: _____	Version: 1.2 – 11/12/07	TOTAL	
-----------------------------------	--	--------------------------------	--------------	--

Revised: Monday, November 12, 2007 with help from Craig Colvin and The Wiz Kids in San Jose, CA.; 'I See Energy' icNRG.nl; Bill Nussey; Linda Barrington; Joshua Heinzl and The New England Robotics Designers. **Thanks to Lucy Berlin, head coach of NRG Bots of Saratoga, CA for a major overhaul reflecting the numerous Q&As and final adaptation by Liam Larkin and Lansdale Catholic High.**