

# Results of the 2025 KidWind Challenge: State

Most Artistic Turbine (all teams based on student vote): Allen STEM Magnet School — Burger Builders

4th-5th Grade (KidWind Generator Division) – 12 teams		
Description	School & Team Name	Total Points/Details
1st Place:	Reno County Homeschool Connections — RCHC Oak Leaf Engineers	89.25
2nd Place:	Sunflower Elementary — Wind Breakers	80.75
3rd Place:	Grinnell Middle School — Lightning Hawks	79.00
Judges Choice:	Sunflower Elementary — Wind Breakers	-
Most improved AM to PM (Bejouled Award):	Allen STEM Magnet School — Blue Wind	with a 36.38 Joule improvement
Most improved AM to PM (Peak Percentage):	Barton County Special Services Elementary School — Muskeebldes	with a 193.27% improvement
Most improved AM to PM (Zero to Hero Award):	Allen STEM Magnet School — Blue Wind	from zero to 36.38 Joules
Most improved from regionals (Bejouled Award):	Grinnell Middle School — Lightning Hawks	with a 8.37 Joule improvement
Most improved from regionals (Peak Percentage):	Grinnell Middle School — Lightning Hawks	with a 57.29% improvement
Percent of teams that improved from AM to PM:		75.0%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
High:	89.25	10.00	10.00	44.11	35.00
Low:	46.00	0.00	0.00	0.19	23.00
Average:	66.68	6.92	5.08	15.10	28.86
Points Possible:	100.00	10.00	10.00	-	40.00
Combined Output of AM vs PM (Joules):				103.49	175.69
Combined improvement:				69.77%	

6th-8th Grade  
Judges Choice (all generator types): Oakley Middle School — Wind Whisperers

## KidWind Generator Division – 11 teams

Description	School & Team Name	Total Points/Details
1st Place:	Nemaha Central Middle School — WINders	86.67
2nd Place:	Oakley Middle School — Wind Whisperers	85.67
3rd Place:	Beloit Jr Sr High School — Girl Energy	85.50
Most improved AM to PM (Bejouled Award):	Pleasant Ridge Middle School — Sigma Spin	with a 3.16 Joule improvement
Most improved AM to PM (Peak Percentage):	Pleasant Ridge Middle School — Sigma Spin	with a 35.15% improvement
Most improved from regionals (Bejouled Award):	Allen STEM Magnet School — Hutch STEM Girls	with a 25.64 Joule improvement
Most improved from regionals (Peak Percentage):	Allen STEM Magnet School — Hutch STEM Girls	with a 156.34% improvement
Percent of teams that improved from AM to PM:		45.5%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
High:	86.67	9.00	10.00	68.71	34.67
Low:	46.17	3.00	1.00	0.43	25.33
Average:	68.85	6.91	6.45	34.28	30.48
Points Possible:	100.00	10.00	10.00	-	40.00
Combined Output of AM vs PM (Joules):				363.21	299.22
Combined improvement:				-17.62%	

## Homebuilt Generator Division – 1 teams

Description	School & Team Name	Total Points/Details
1st Place:	Kepley Middle School — Wind Warriors	87.17

# Results of the 2025 KidWind Challenge: State

9th-12th Grade

Judges Choice (all generator types):

Buhler High School — Cru Winds

**KidWind Generator Division – 8 teams**

Description	School & Team Name	Total Points/Details
1st Place:	Buhler High School — Cru Winds	92.58
2nd Place:	Beloit High School — The Ginger and the Normies	75.33
3rd Place:	Paola High School — D I Wires	73.92
Most improved AM to PM (Bejouled Award):	Inman High School — IHS Wind Energy	with a 46.31 Joule improvement
Most improved AM to PM (Peak Percentage):	Inman High School — IHS Wind Energy	with a 7591.80% improvement
Most improved AM to PM (Zero to Hero Award):	Oakley High School — Chippettes	from zero to 41.4 Joules
Most improved from regionals (Bejouled Award):	Inman High School — IHS Wind Energy	with a 8.8 Joule improvement
Most improved from regionals (Peak Percentage):	Abilene High School — Flower Dragons	with a 33.81% improvement
Percent of teams that improved from AM to PM:		62.5%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
High:	92.58	9.00	7.25	56.31	37.33
Low:	29.08	7.00	2.75	5.07	14.33
Average:	62.96	7.88	5.50	40.79	27.08
Points Possible:	100.00	10.00	10.00	-	40.00
Combined Output of AM vs PM (Joules):				235.58	269.96
Combined improvement:				14.59%	

**Homebuilt Generator Division – 1 teams**

Description	School & Team Name	Total Points/Details
1st Place:	Burlington High School — Burlington Wind Company: Wind Wizards	87.92

**Open Generator Division – 2 teams**

Description	School & Team Name	Total Points/Details
1st Place:	Oakley High School — The Mavericks	85.17
2nd Place:	Burlington High School — Burlington Wind Company: Wind Monkeys	81.50
Most improved AM to PM (Bejouled Award):	Burlington High School — Burlington Wind Company: Wind Monkeys	with a 66.1 Joule improvement
Most improved AM to PM (Zero to Hero Award):	Burlington High School — Burlington Wind Company: Wind Monkeys	from zero to 66.1 Joules
Percent of teams that improved from AM to PM:		50%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
High:	85.17	9.00	8.50	66.10	38.67
Low:	81.50	9.00	6.50	30.11	24.00
Average:	83.33	9.00	7.50	48.11	31.33
Points Possible:	100.00	10.00	10.00	-	40.00
Combined Output of AM vs PM (Joules):				30.11	77.33
Combined improvement:				156.82%	