

# 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
<b>1st Place:</b>	Reno County Homeschool Connections — RCHC Oak Leaf Engineers	89.25
<b>2nd Place:</b>	Sunflower Elementary — Wind Breakers	80.75
<b>3rd Place:</b>	Grinnell Middle School — Lightning Hawks	79.00
<b>Judges Choice:</b>	Sunflower Elementary — Wind Breakers	-
<b>Most improved AM to PM (Bejouled Award):</b>	Allen STEM Magnet School — Blue Wind	with a 36.38 Joule
<b>Most improved AM to PM (Peak Percentage):</b>	Barton County Special Services Elementary School — Muskeebleds	with a 193.27% improvement
<b>Most improved AM to PM (Zero to Hero Award):</b>	Allen STEM Magnet School — Blue Wind	from zero to 36.38 Joules
<b>Most improved from regionals (Bejouled Award):</b>	Grinnell Middle School — Lightning Hawks	with a 8.37 Joule improvement
<b>Most improved from regionals (Peak Percentage):</b>	Grinnell Middle School — Lightning Hawks	with a 57.29% improvement
<b>Percent of teams that improved from AM to PM:</b>		75.0%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	89.25	10.00	10.00	44.11	35.00
<b>Low:</b>	46.00	0.00	0.00	0.19	23.00
<b>Average:</b>	66.68	6.92	5.08	15.10	28.86
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00

**Combined Output of AM vs PM (Joules):**

**103.49**

**175.69**

**Combined improvement:**

**69.77%**

### Knowledge Quiz Champions

Mize & Starside Elementary — The Turbine Tiger

### Instant Challenge Champions

Oliver Brown Elementary — Airvacados

Sunflower Elementary — Wind Breakers

# Results of the 2025 KidWind Challenge: State

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

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	86.67	9.00	10.00	68.71	34.67
<b>Low:</b>	46.17	3.00	1.00	0.43	25.33
<b>Average:</b>	68.85	6.91	6.45	34.28	30.48
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00

**Combined Output of AM vs PM (Joules):**

**363.21**

**299.22**

**Combined improvement:**

**-17.62%**

### Knowledge Quiz Champions

Kepley Middle School — Wind Warriors

### Instant Challenge Champions

Nemaha Central Middle School — WINders

Great Bend Middle School — Panther Alternative Wind Energy (PAWE)

### *Homebuilt Generator Division – 1 teams*

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

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	92.58	9.00	7.25	56.31	37.33
<b>Low:</b>	29.08	7.00	2.75	5.07	14.33
<b>Average:</b>	62.96	7.88	5.50	40.79	27.08
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00

**Combined Output of AM vs PM (Joules):**

**235.58**

**269.96**

**Combined improvement:**

**14.59%**

### Knowledge Quiz Champions

Beloit High School — The Ginger and the Normies

Paola High School — D I Wires

Oakley High School — The Mavericks

Burlington High School — Burlington Wind Company: Wind Monkeys

### Instant Challenge Champions

Burlington High School — Burlington Wind Company: Wind Monkeys

# Results of the 2025 KidWind Challenge: State

## 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%