

# Report to Subcommittee

## Solar Use of Total Vacant AG Acreage by Township

---

Prepared for solar committee review - May 20, 2026

### Executive Summary

The combined township review identifies **2,195.28** acres classified as Solar out of **261,304.81** total vacant AG acres countywide, resulting in **0.84%** of the combined acreage being used for Solar. The highest township percentage is Union Township at **4.18%**.

### How the Information Was Determined

- Two source files were used: the Vacant AG by Township file and the Solar use by Township file. Each source contained a Township field and a Measured Acreage field.
- Rows were grouped by township. The Measured Acreage values were summed within each township for both sources.
- The Total Vacant AG Acres column in the summary is calculated as Vacant AG acreage plus Solar acreage. The separate Vacant AG acreage column was intentionally removed from the final summary table.
- The percentage used for Solar was calculated with the same formula as the prior report: Solar Acres divided by Total Vacant AG Acres.

**Formula:** Solar % = Solar Acres / (Vacant AG Acres + Solar Acres)

### Township Results

Township	Solar Acres	Total Vacant AG Acres	% Used for Solar
Franklin Township	0.00	13,819.03	0.00%
Green Township	0.00	16,788.48	0.00%
Greensfork Township	0.00	27,691.81	0.00%
Jackson Township	0.00	18,053.67	0.00%
Monroe Township	0.00	16,368.31	0.00%
Stoney Creek Township	165.80	15,305.47	1.08%
Union Township	1,725.64	41,331.27	4.18%
Ward Township	0.00	21,899.71	0.00%
Washington Township	303.83	26,071.86	1.17%
Wayne Township	0.00	22,339.96	0.00%
White River Township	0.00	41,635.24	0.00%
<b>Countywide Total</b>	<b>2,195.28</b>	<b>261,304.81</b>	<b>0.84%</b>

## Interpretation

Only three townships show Solar acreage in the source data: **Union Township, Washington Township, and Stoney Creek Township**. Union Township accounts for the largest Solar acreage and the highest Solar share of total vacant AG acreage. Countywide, Solar acreage remains less than one percent of the combined total vacant AG acreage base.

## Key Observations

<b>Countywide Solar Acres</b>	2,195.28
<b>Countywide Total Vacant AG Acres</b>	261,304.81
<b>Countywide % Used for Solar</b>	0.84%
<b>Highest Township Solar %</b>	Union Township - 4.18%
<b>Washington Township Solar %</b>	1.17%
<b>Stoney Creek Township Solar %</b>	1.08%

## Notes

- The report measures acreage classification in the provided source data and does not independently verify parcel use in the field.
- The Total Vacant AG Acres label is used per the requested report format and includes Solar acreage in the denominator.
- Rounding is to two decimal places for acreage and two decimal places for percentages.



George Caster  
Randolph County Assessor