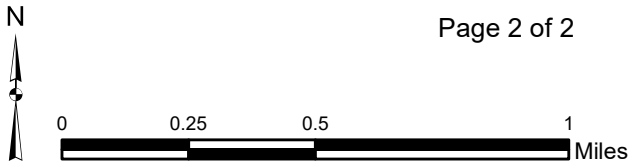
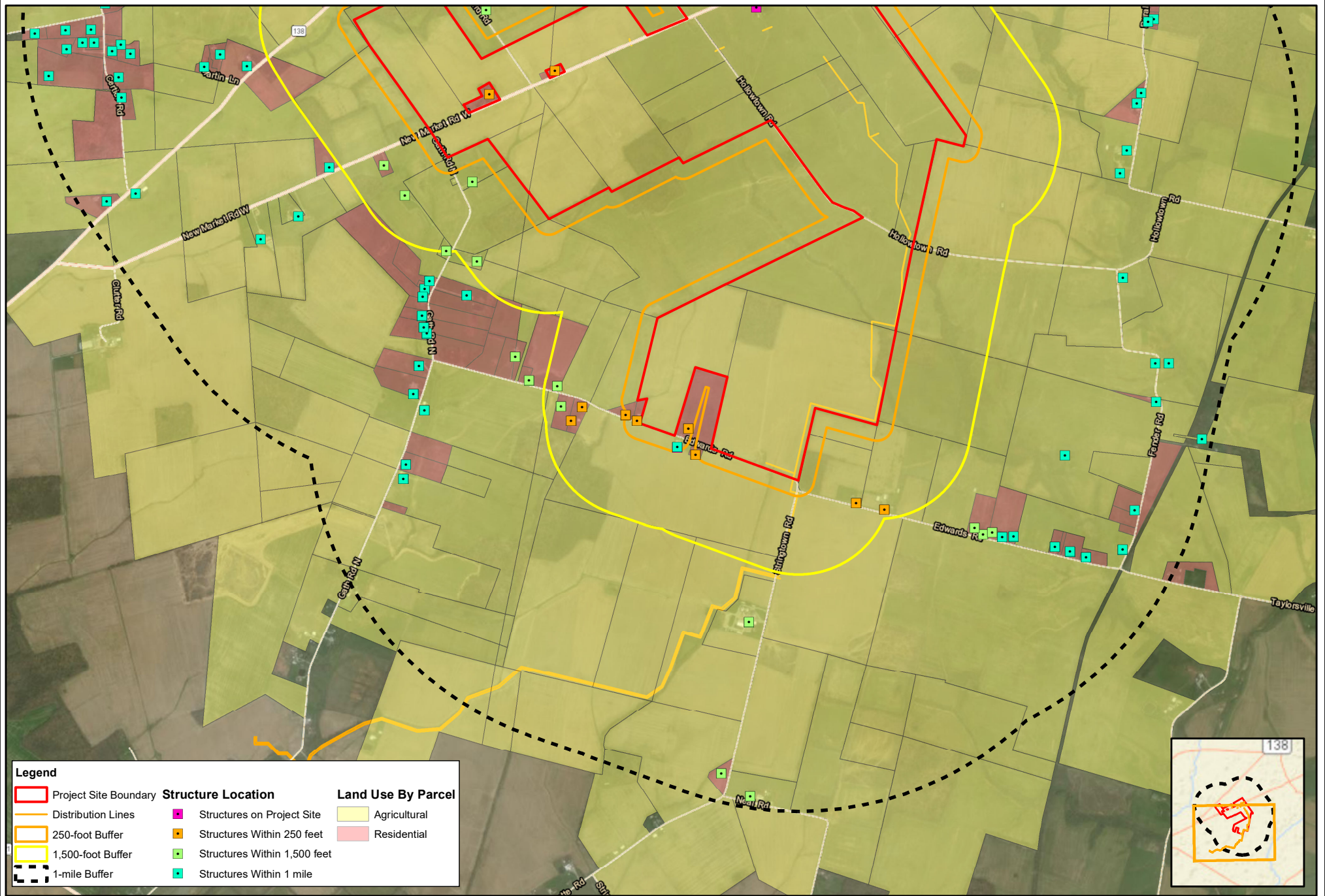


Ohio Power Siting Board Application
New Market Solar Farm
Hecate Energy Highland 4 LLC and
Hecate Energy Highland 2, LLC

Figure 12: Land Use Map



Project No.	N1207163
Drawn By:	MDP
Approved By:	EK
Date:	8/27/2020

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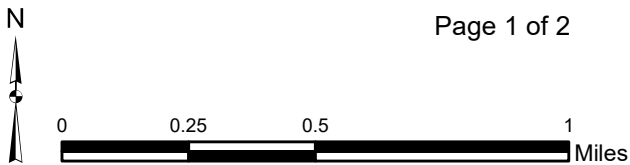
611 Lunken Park Drive Cincinnati, Ohio 45226
PH: (513) 321-5816 FAX: (513) 321-0294

Map of Land Uses

Ohio Power Siting Board Application Figures
Hecate Energy Highland 4 LLC
New Market Solar I
OH 138
Buford, Highland County, Ohio

Figure

12.2

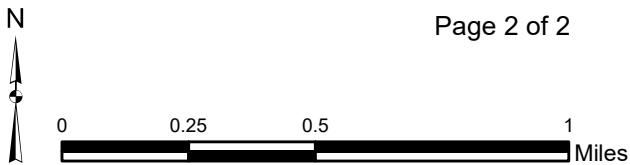


Project No.	N1207163
Drawn By:	MDP
Approved By:	SEW
Date:	8/26/2020

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PH: (513) 321-5816 FAX: (513) 321-0294

Map of Land Uses
Ohio Power Siting Board Application Figures
Hecate Energy Highland 2, LLC
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Project No.	N1207163
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Map of Land Uses

Ohio Power Siting Board Application Figures
Hecate Energy Highland 2, LLC
New Market Solar II
OH 138
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Figure

12.2

Ohio Power Siting Board Application
New Market Solar Farm
Hecate Energy Highland 4 LLC and
Hecate Energy Highland 2, LLC

Figure 13: Table of Land Uses

(a) Provide an evaluation of the impact of the proposed facility on the above land uses identified on the map in paragraph (C)(1)(a) of this rule. Include, for each land use type, the construction impact area and the permanent impact area in acres, in total and for each project component (e.g., turbines, collection lines, access roads), and the explanation of how such estimate was calculated.

Figure 13. Table of Land Use Acreages Impacted by New Marker Solar Farm I

Current Land Use	Future Land Use	Acres (Approximately)	Impacts
Agricultural	Solar Array and Associated Equipment	516	Temporary and Operational Impacts
Agricultural	Project Access Roads (Paved and Unpaved)	51	Temporary and Operational Impacts
Agricultural	Construction Trailer and Equipment Laydown	12	Temporary Impacts
Agricultural	Area undeveloped (No Construction)	220	No Temporary or Operational Impacts
Wetlands/Water Body	Wetlands/Water Body (Undeveloped)	20	No Temporary or Operational Impacts
Forest	Solar Array and Associated Equipment	3	Temporary and Operational Impacts

(a) Provide an evaluation of the impact of the proposed facility on the above land uses identified on the map in paragraph (C)(1)(a) of this rule. Include, for each land use type, the construction impact area and the permanent impact area in acres, in total and for each project component (e.g., turbines, collection lines, access roads), and the explanation of how such estimate was calculated.

Figure 13. Table of Land Use Acreages Impacted by New Marker Solar Farm II

Current Land Use	Future Land Use	Acres (Approximately)	Impacts
Agricultural	Solar Array and Associated Equipment	194	Temporary and Operational Impacts
Agricultural	Project Access Roads (Paved and Unpaved)	22	Temporary and Operational Impacts
Agricultural	Construction Trailer and Equipment Laydown	4	Temporary Impacts
Agricultural	Area undeveloped (No Construction)	70	No Temporary or Operational Impacts
Wetlands/Water Body	Wetlands/Water Body (Undeveloped)	17.93	No Temporary or Operational Impacts

Ohio Power Siting Board Application
New Market Solar Farm
Hecate Energy Highland 4 LLC and
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Figure 14: Table of Structures

Structures within one thousand five hundred feet of the generation equipment or wind turbine, the distance between the structure and the equipment or nearest wind turbine.

Figure 14: Table of Structures within 1,500 feet of New Market Solar Farm I

Structure Type	Approximate Distance From Equipment (feet)	Location (Latitude/Longitude)
Single Family, Residential with Associated Out Buildings	21	39° 04' 51.14" N, 83° 46' 31.68" W
Single Family, Residential with Associated Out Buildings	24	39° 04' 51.11" N, 83° 46' 31.70" W
Single Family, Residential with Associated Out Buildings	30	39° 04' 09.01" N, 83° 46' 19.72" W
Single Family, Residential with Associated Out Buildings	32	39° 04' 08.98" N, 83° 46' 19.74" W
Multiple Family, Residential with Associated Out Buildings	48	39° 05' 14.06" N, 83° 46' 33.97" W
Agricultural	49	39° 04' 36.43" N, 83° 45' 47.09" W
Multiple Family, Residential with Associated Out Buildings	50	39° 06' 42.15" N, 83° 46' 33.98" W
Agricultural	51	39° 04' 36.46" N, 83° 45' 47.10" W
Single Family, Residential with Associated Out Buildings	56	39° 05' 13.25" N, 83° 46' 49.33" W
Agricultural	63	39° 06' 22.61" N, 83° 45' 41.38" W
Agricultural	66	39° 06' 19.10" N, 83° 45' 41.40" W
Single Family, Residential with Associated Out Buildings	86	39° 04' 50.79" N, 83° 46' 42.82" W
Single Family, Residential with Associated Out Buildings	88	39° 04' 50.76" N, 83° 46' 42.83" W
Single Family, Residential with Associated Out Buildings	102	39° 05' 03.86" N, 83° 47' 02.52" W
Single Family, Residential with Associated Out Buildings	149	39° 05' 32.73" N, 83° 46' 44.97" W
Single Family, Residential with Associated Out Buildings	151	39° 05' 32.70" N, 83° 46' 44.98" W
Single Family, Residential with Associated Out Buildings	167	39° 05' 34.26" N, 83° 46' 21.27" W

Single Family, Residential with Associated Out Buildings	169	39° 05' 34.23" N, 83° 46' 21.29" W
Agricultural	205	39° 05' 13.22" N, 83° 46' 32.25" W
Agricultural	260	39° 05' 07.84" N, 83° 46' 08.46" W
Agricultural	262	39° 05' 06.80" N, 83° 46' 08.47" W
Multiple Family, Residential with Associated Out Buildings	268	39° 04' 51.82" N, 83° 45' 48.55" W
Single Family, Residential with Associated Out Buildings	301	39° 06' 13.36" N, 83° 47' 13.10" W
Multiple Family, Residential with Associated Out Buildings	391	39° 05' 17.79" N, 83° 46' 47.06" W
Multiple Family, Residential with Associated Out Buildings	393	39° 05' 17.82" N, 83° 46' 47.07" W
Agricultural	500	39° 05' 03.83" N, 83° 47' 03.35" W
Agricultural	521	39° 05' 07.96" N, 83° 47' 05.64" W
Agricultural	524	39° 05' 07.99" N, 83° 47' 05.62" W
Single Family, Residential with Associated Out Buildings	538	39° 06' 02.96" N, 83° 47' 35.43" W
Single Family, Residential with Associated Out Buildings	584	39° 06' 32.38" N, 83° 46' 47.87" W
Single Family, Residential with Associated Out Buildings	586	39° 04' 12.55" N, 83° 46' 47.88" W
Single Family, Residential with Associated Out Buildings	709	39° 05' 10.00" N, 83° 45' 50.69" W
Single Family, Residential with Associated Out Buildings	882	39° 05' 59.07" N, 83° 46' 13.64" W
Single Family, Residential with Associated Out Buildings	884	39° 05' 07.82" N, 83° 46' 13.62" W
Agricultural	913	39° 05' 08.85" N, 83° 47' 19.27" W
Single Family, Residential with Associated Out Buildings	921	39° 04' 55.50" N, 83° 47' 23.59" W
Single Family, Residential with Associated Out Buildings	1027	39° 04' 12.52" N, 83° 46' 53.57" W

Single Family, Residential with Associated Out Buildings	1029	39° 05' 42.92" N, 83° 46' 53.59" W
Agricultural	1078	39° 05' 10.03" N, 83° 46' 00.82" W
Single Family, Residential with Associated Out Buildings	1160	39° 05' 10.02" N, 83° 45' 23.10" W
Single Family, Residential with Associated Out Buildings	1161	39° 05' 10.05" N, 83° 45' 23.08" W
Agricultural	1178	39° 04' 54.54" N, 83° 46' 39.57" W
Agricultural	1184	39° 04' 54.57" N, 83° 46' 38.53" W
Agricultural	1200	39° 05' 06.82" N, 83° 46' 07.72" W
Agricultural	1203	39° 06' 19.96" N, 83° 46' 07.70" W
Single Family, Residential with Associated Out Buildings	1312	39° 06' 12.32" N, 83° 45' 23.10" W
Single Family, Residential with Associated Out Buildings	1314	39° 05' 45.21" N, 83° 45' 23.08" W
Agricultural	1320	39° 05' 08.82" N, 83° 46' 39.57" W
Agricultural	1321	39° 04' 55.47" N, 83° 46' 38.53" W
Mobile Home	1400	39° 05' 47.58" N, 83° 46' 07.72" W
Other Residential	1403	39° 05' 14.04" N, 83° 46' 07.70" W
Single Family, Residential with Associated Out Buildings	1450	39° 05' 45.19" N, 83° 45' 23.10" W
Single Family, Residential with Associated Out Buildings	1452	39° 06' 13.81" N, 83° 45' 23.08" W
Agricultural	1494	39° 05' 02.69" N, 83° 46' 39.57" W
Agricultural	1496	39° 05' 02.72" N, 83° 46' 38.53" W

All structures listed above are outside of the Project Area. All structures within the Project Area will be purchased by the applicant and are not applicable to the requirements associated with the distance requirements of 250 or 1,500 feet.

Structures within one thousand five hundred feet of the generation equipment or wind turbine, the distance between the structure and the equipment or nearest wind turbine.

Figure 14: Table of Structures within 1,500 feet of New Market Solar Farm II

Structure Type	Approximate Distance From Equipment (feet)	Location (Latitude/Longitude)
Single Family, Residential with Associated Out Buildings	43	39° 4' 50.763", -83° 45' 21.343"
Agricultural Structure	46	39° 4' 55.480", -83° 45' 47.092"
Agricultural Structure	58	39° 4' 54.547", -83° 45' 41.390"
Single Family, Residential with Associated Out Buildings	80	39° 4' 50.440", -83° 45' 17.467"
Single Family, Residential with Associated Out Buildings	89	39° 4' 47.467", -83° 45' 0.504"
Multiple Family, Residential with Associated Out Buildings	109	39° 4' 48.248", -83° 45' 3.715"
Single Family, Residential with Associated Out Buildings	111	39° 4' 51.117", -83° 45' 19.488"
Single Family, Residential with Associated Out Buildings	114	39° 4' 51.795", -83° 45' 23.089"
Multiple Family, Residential with Associated Out Buildings	127	39° 4' 48.987", -83° 45' 6.797"
Mobile Home	127	39° 4' 50.510", -83° 45' 15.223"
Agricultural Structure	257	39° 4' 36.438", -83° 46' 8.464"
Agricultural Structure	305	39° 4' 48.654", -83° 44' 53.122"
Multiple Family, Residential with Associated Out Buildings	918	39° 4' 44.771", -83° 44' 42.152"
Single Family, Residential with Associated Out Buildings	960	39° 4' 54.873", -83° 44' 50.764"

All structures listed above are outside of the Project Area. All structures within the Project Area will be purchased by the applicant and are not applicable to the requirements associated with the distance requirements of 250 or 1,500 feet.

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Case No(s). 20-1288-EL-BGN

Summary: Exhibit Application Figures (Part 6) electronically filed by Ms. Karen A. Winters on behalf of Hecate Energy Highland 4 LLC