Exhibit B



Jim & Gerry Kegler Ball Load Ry 41093 606-849-2516 jimger Keg Dwindstrea Ella Shaggs Poxor + P				
Sula Sheggs 971 Foxport Road 1993 8149 2493 Eviagracu 45 w 76 yours Some Sheggs 972 Grant Robert Road Ry 41093 8149 2493 Eviagracu 45 w 76 yours Some Sheggs 972 Grant Robert Rob	Name		Phone	Email
Dom Sundys, the marker the result of the property of the property of the result of the property of the result of the property of the result of the property of	Jim & Gerry Keele.	170 Black Diamond Ad	606-849-2516	imager Kea @windstraw
Dom Sundys, the marker the result of the property of the property of the result of the property of the result of the property of the result of the property of	From Sheeren	971 FOKPOY+ Road	849 2493	
Dem Jourdys, the market the 4100 of 16-3114 doubles and Income in the 110 beautiful the 4100 of 16-3114 doubles and Income in the 1100 of 16 of 16-3114 doubles and Income in the 16-314 double the 18-318 double	1 - She	65-82 Mt. Caknel Rd.	845 4009	
Rent Keeder 7107 Mt Billand Rd MASSINIO 606 -584-0056 Kept Reeder AB & Idoudian 12th Dannella HL9 Cathar Lo La Edita La Cox 748 PH4 9 Shonovant Teganson. Barb Hill 1184 Maddox Pike Fleming Le 06-291-9121 barbhill 26 Bacutlook.com Mike Ital 1184 Maddox Pike Remisson 606 B48 43 18 Pam MCG 10rc 4850 Naysullered Flem 666-584-1385 About the Barbon 1006-748-4916 About 9 Degran 2 Tolog man. Hillsboro 606 748-4916 About 9 Degran 2 Tolog man. Senstal Alexand 100 Phillsporo 606-748-4916 About 9 Degran 2 Tolog man. The pay Maney 100 1184 Millington 100 1188-9981 wiconsboller 9 Sphoolican avy 407 0320 Indian & Eric Carpenter 423 Carpenter Rd. Wallington Ky 606-849-2188. Chick Marshall 994 Carpenter Rd. Wallington Ky 606-849-2088 Torry Earl 1031 Forput Rd. Wallington 106-849-2088 Torry Earl 1031 Forput Rd. Wallington 106-849-2088	D = John Spraggs	448 Maylows W PM		
Barb Will 1184 Maddox Pike Fleming of 606-291-9121 barbhill 2613 acutlook.com Mile IIII 1184 Maddox Pike Fleming of 606-291-9121 barbhill 2613 acutlook.com Mile IIII Pam MG (ore 4550 Maysillerd, Flem 606-584-1385 Adam tixun By Egen In. Hillsboro 606-748-4916 Ordanogun 270 ag main Crestal Frank Posov 24, Fleming burgke, war-845-1823 Orystulo Flemingly che Willing and Homory Manger Holin 395 Foxport Rollingford Wolfingford No 606-844-2188. Chuck Marsuall 994 Carpenter Rollingford, Ky 606-844-2188. Chuck Marsuall 994 Carpenter Rollingford, Ky 606-844-2188. Chuck Marsuall 994 Carpenter Rollingford, Ky 606-844-2188. Tarry Barth 1031 Foxport Rollingford, 606-849-2086 Tarry Barth 1031 Foxport Rollingford, 606-849-2086	Dem Durdys	///		
Barb Hill 1184 Maddox P. Ke Fleming G. 606-291-9121 barbhill 2613 & author K. com Mike I fell 1184 Maddox P. Ke Fleming G. 606 848 4318 Pam McGlore 4850 Maysillerd Flem 56-584-1385 ADam trum 30 Egom In. Hillsboro 606-748-4916 Ordaniegan 270 agnini. 2845 tu 24 Fleming stangke cae-3451323 Consequent 70 Ear 24 Fleming stangke cae-3451323 Consequent Fleming gets Hilly Amport 1184 Maddox P. Ke Fleming Stanger 606 845 1328 Consequent From 30 Egom In. Hillsboro 606-748-4916 Ordaniegan 270 agnini. By 1894 Money 184 Maddox P. Ke Fleming Stanger 606-8451328 Wellingford Willingford 606-849-2188. Chick Marshall 994 Carpenter Rd. Wallingford Ky 606-849-2188. Chick Marshall 994 Carpenter Rd. Wallingford Ky 606-849-2088 Terry Earl 1031 Forport Rd. Walling Gra 606-849-2088 Terry Earl 1031 Forport Rd. Walling Gra 606-849-2088	Kell (Seoul (KJ 4/08)	520 520 520	, , ,
Mike Itel 1184 Models Pike Floring (606 848 4318) Pan McGiore 4550 Maysilleld, Flem 506-584-7385 About the Box 24, Floring Study was -4916 along 200 200 and	12/4 Donork	- Elouded		
Pam McGlore 4850 Maysillerd Flem 606-584-7385 Adam them 30 Egen In. Hillsboro 606-748-4916 and 270togna. Senstal And Proper Po Earl 24, Flem metargke war-845-1923 Caustula Henrindry che Milly Amod Manager Manager May 1006-148-998 wicon belle Dyshow.com By pay Manager 395 Foxport & Mallingford 606 748-1807 Aller & Exicl Carpenter 423 Causenter Rd. Wallingford, Ky 606-849-2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky 606-849-2188. Mon . Birl Berket 1031 Foxport Rd. Wallingford, 606-849-2088 Terry Earl 1804 (14 X Holl PIKE 606-949-2088)	Barb Will	1184 Maddox Pike		
About tour Bo Egain In. Hillsboro 606-748-4916 anagen 270 ag mais Seustal Flering De 24, Flering Sturge war-845-1223 Coustal of Heminology of Burgary Monory 395 Foxport Rd Wallington 606748-1900 wicznybelle Dyshow, com lilean & Ericl Carpenter 423 Carpenter Rd. Wallingtond, Ky 606-849-2188. Chuck Marshall 994 Carpenter Rd. Wallingtond, Ky 606-849-2188. Torry Earls 1031 Foxport Rd. Wallingtond 606-849-2088	mike Hill	1184 Madely Tipe Herming	1606 1848 4378	
Registed Floor To Earl Florence St. Florence St. 1923 Orystal of Heminary Che War and May May May May May 16 July 148,998 wiczny belle Bughos can aug 407 427 0320 Andrew Fullin 395 Foxport R. J. Wallingford, Ky. 606-849.2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky. 606-849.2188. Mon . Bil Berett 1031 Foxport Rd. Wallingford, Ky. 606-849-2088 Terry Earl 1031 Foxport Rd. Wallingford, Ky. 606-849-2088	Tam McGlore		66-584-7385	0.5
Terry Earls 1604 (14 XHILL PIKE 206- 9494) Wicznybelle Dyshow.com Terry Earls 1604 (14 XHILL PIKE 206- 9494) William Reserved Consenter Rd. Wallingtond, Ky 606-849-2088. Terry Earls 1604 (14 XHILL PIKE 206-9494) Terry Earls 1604 (14 XHILL PIKE 206-9494)	Adain tesan	SQ Egen Ln. Hillsboro	606-748-4916	adamegan 270tagnais
Granen Felin 395 Foxport Rd. Wallingford, Ky. 606-849.2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky. 606-849.2188. Mon + Bil Berkett 1031 Foxport Rd. Wallingford, Ky. 606-849-2088 Terry Earls 1004 (14 X 411) PIKY 606-849-2088	Constal Guard	PO BOY 24 Fleminsburgke	war-845-1223	Caystal & Fleminaky Cher
Granen Felin 395 Foxport Rd. Wallingford, Ky. 606-849.2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky. 606-849.2188. Mon + Bil Berkett 1031 Foxport Rd. Wallingford, Ky. 606-849-2088 Terry Earls 1004 (14 X 411) PIKY 606-849-2088	This is a second	116 Milycom B. With Last	1601-148,9987	wican socile bayahor con
Graven Filin 395 Foxport & d. Wallingford, Ky. 606-849.2188. Pileent Exic Carpenter 423 Carpenter Rd. Wallingford, Ky. 606-849.2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky. 606-849.2188. Mon . Bil Berkett 1031 Foxport Rd. Wallingford Terry Earls 1004 N. A. Wall PIKE 206-9494 38/	Busine	The land the land of the	40/2407 0330	
Mileent Ericl Carpenter 423 Carpenter Rd. Wallingford, Ky. 606-849-2188. Chuck Marshall 994 Carpenter Rd. Wallingford, Ky. 606-849-2188. Mon + Bill Berket 1031 Forpat Rd. Wallingford 606-849-2088 Terry Earls 1004 NJAX#ILL PIKE 606-849-2088	Codan Helin	395 Foxest DAWOW	And 6 06 748-180	7
Mon + Bil Berket 1031 Forport Rd. WALLES Fee 606-849-2088 Terry Earls 1004 NAXHILL PIKE 606-849-2088	Dilan & Exicl Carpenton		16 load Ky 1006. 84	01100
Mon. Bil Berkett 1031 Forport Rd. WALLINGTON 606-849-2088 Terry Earls 1804 NAXHILL PIKE \$06-949438/	Chief to a series (may be		11/	The second secon
Torry Earls 1004 NAX#ILLPIKE \$06- 8494 38/	CHOOK MASSING!	779 CHIPEHALLE WHILINGTON		
erry Carlo 100 (NAXMILLIAN 200)	11 on + Bul Berkett	1850 1 1	No. of the control of	1-01
RYAN MEDDLESTON 1914 PLEASANT VALLEY R 606-541-0467	Jerry Earls	1004 MAXALLIPIRE		
	RYAN MEDDLESTON	1914 PLEASANT VALLEY R	606-541-0467	





Name	Address	Phone	Email
David Neville		512-330-3027	
John Beath		937-402-6212	
,			
	9		
5			
	\$10 House Section 1997	7-	

Welcome! Please sign in. 5pm-8pm

0	geenex
	00011071

Address	Phone	Email
9700 Lower River Rd.	6.5-618-4539	LONG LCalvert DOVS 1. org
682 Breeze Rd. Well Hard, Ky 416	4 6-6315-1418	gdow 11@ wky.eda
		fol.nocobla429 scj a) yahoon
	Lung 574-602-0477	
	606-748-165	}
	606-748-080	
	859-351-3474	tiffanyj@tiffanyjmediacom
1412 WT Carme Rd	606 148-2056	17
3131 TicoRd Seamon OH	937695-9936	
1 6551 Mt. Carmel Rd, FRury	606-782-2825	michael C34 Q g.mail.e.m
1185 Poplar Grove Rd Flem.	Ky 6067821853	maryly step 026@9 mAIL. Com
5480 IntCarmel Rd Fibring	606-849-8402	Clist@vky.edu
-785 Forport Ad Wellington	0 606 849 2086	whoodows apprecial
	1193 600-748-7772	
6083 19 9 Kene Mary E.	60632 201	LE CWHE WOZSICOM
6083 Key Pine M'rr	le 606-58-1-1	5006 infpeddieawozi
521 Jm Clary Rd Flemingsburg Ku	606-209-9162	Komineer Egmail. com
No.		
	9700 Lower River Rd. 682 Breeze Rd. Wellinford, Kyalle 1057 Foxport Rd. Wallington Langer De 1923 Mry 1:0X Ky 1831. Convict Pire Floor 1931. Convict Pire Floor 1912 WIT Carwel Rd. 3131 To: Cord Seamen OH 6551 Mt. Carmel Rd. Floor 5480 Int Carmel Rd. Wallington, Khy 4 6083 Key Puhe Miray 6	9700 Lower River 14. (615-618-4539) 682 Breeze Rd. Wallingtond, Kydw br 315-1418 1057 Foxp-of Rd Wallingtond, Kydw br 315-1418 1057 Foxp-of Rd Wallington 606 544 0193 6 Hootickery Holbert Flowing brag 574-652-0477 6923 Mry 1-6x Ky 606-748-1650 1931, Convict Pire Flour 606-748-0800 859-351-3474 1412 WT Carwel Rd) 606-748-0800 3131 Ticord Some of 937 695-9936 1185 Poxlar Grove Rd Flem. Ky 606782-1853 5480 Intermel Rd Flowing 606-792-2825 1185 Poxlar Grove Rd Flem. Ky 606782-1853 5480 Intermel Rd Flowing 606-849-8405 -785 Foxport Rd Wallington Holling Of 60632-7772

Contact - Jayce Walker 859-694-2777 Hummingbird@recurrentenergy.com



SOLAR OPEN HOUSE

11 AM - 2 PM 5 PM - 8 PM

15 MARCH

Open House on utility-scale solar and the Hummingbird Solar project with industry experts.

Complimentary Food & Beverage

All attendees will receive one DQ Blizzard coupon

Mt. Carmel Fire Station 7592 Mt Carmel Rd Flemingsburg, KY 41041

Booth Presentations with Industry Experts

Recurrent Energy
Geenex Solar
Land & Liberty Coalition
KYSEIA

RONNIE EUGENE RICHMOND JR



Ronnie Eugene Richmond, Jr., 59, of Wallingford, passed away Sunday, May 8, 2022, at Fleming County Hospital.

Born in Defiance, Ohio on March 19, 1963, he was the son of the late Ronnie Eugene Richmond, Sr. and the late Mary Maxine Gorman Richmond.

Ronnie was a retired weld-er. He proudly served his country in the United States

Army.

He is survived by his wife of 41 years, Rose Au Richmond; their children, Lisa (Todd) Minic of Fleming Island, Fla., Christy Richmond (Jaime) of Franklin, Felicia (Justin) Plymesser of Ewing; along with four grandchil-

dren, Michael, Addy, Cal-lie, and Carper. Ronnie was blessed with Dessie, Curtis, Adam, Clayton, Zach, and Harley whom he loved as if they were his own. Ron-nie is also survived by two of his siblings, Robin (Todd) Pottmeyer and Connie (Tim) Anderson, several aunts, uncles, cousins, nieces and nephews.

In addition to his parents, Ronnie was preceded in death by his brother, Grego-

death by his brother, Gregory Allen Richmond.

The funeral service will begin at 1 p.m., Thursday, May 12, 2022, at Boone-Nickell Funeral Home with Bro. Layne Wagner officiating

ing. Visitation will be 11 a.m., until the hour of service at 1 p.m., Thursday, at Boone-Nickell.

In place of flowers, please consider a contribution in memory of Ronnie to the Cancer Care Club (P O Box 189, Flemingsburg, KY 41041).

41041).
Friends may offer on-line condolences at www. boonenickellfuneralhome.

RALPH'S

AUTO MART

\$900 off

expires June 1, 2022

Located by the Family Dollar in Carlisle.

859-473-5227

PUBLIC NOTICE HUMMINGBIRD ENERGY LLC is proposing to develop and construct an approximately 200-megawatt solar electric generating and battery energy storage facility to be located on Carpenter Road in Fleming County, Kentucky. The public is invited to tarm more about the Project through the Project website and an in-person public.

abite can be accessed at: https://recurrentenergy.com/project/hummingbio-onally, you may email questions to Hummingbird@recurrentenergy.com. lic information meeting will be held to provide information about the Protection of the Proposed in the Proposed Information about the Proposed Information and Information and

Published in the Flemingsburg Gazette 05.11.22 and 05.18.22

ing will be held on May 24th at 11 AM to 2 PM and 4 PM to 7 PM, mmel Fire Department (144 Foxport Rd, Wallingford, KY 41093). scheduled to accommodate people's varied schedules, the content the same at both meetings.

STANLEY RUSSELL HUTSELL



Stanley Russell Hutsell, 76, of Flemingsburg, passed away Saturday, May 7, 2022, at the Hospice of Hope Care

away Saturday, May 7, 2022,
at the Hospice of Hope Care
Center in Maysville.
Born in Bourbon County
on May 4, 1946, he was the
son of the late Albert Warren
Hutsell and the late Mary
Gladys Kenney.
Stanley was a retired truck
driver. He had worked for
20 plus years, Alvin Haynes
Construction for 14 years,
and Graham Lumber Company for one and a half years.
He was a member of Mount
Zion Missionary Baptist
Church and had attended
First African Baptist Church
in Lexington. He loved UK
sports and fishing. He was a
jokester who loved traveling
and spending time with his
family.
Stanley is survived by his family

Stanley is survived by his wife of seven years, Juanita Bolden Hutsell; his children, Jessie Hutsell of Lexington, James Marks of Seattle, James Marks of Seattle, Wash., Lloyd Carter of Lex-

ington and several step-daughters; several grandchildren, great grandchildren daugners; severa grandenidren, great grandehildren,
and great-great grandehildren. He is also survived
by six of his siblings, Johnny
Hutsell of Lexington, Mike
Hutsell of Hamden, Conn.,
Alfonso Kenney of Cynthiana, Henry Kenney of Richmond, and Gwendlyn Jones
of Lexington.
In addition to his parents, Stanley was preceded
in death by his son, Stanley
Hutsell; and four of his siblings, James Hutsell, Herman Hutsell, Jerry Wayne
Kenney, and Milton Kenney.
The funeral service will begin at 1 p.m., Saturday, May
14, 2022, at the Flemingshure Bortiet Chush, with

14, 2022, at the Flemings-burg Baptist Church with Pastor Terrell Clark officiat-

ing.
Visitation will be 12 p.m., p.m., Saturday, at the church located at 1856 Elizaville Rd., Flemingsburg.

Rd., Flemingsburg.

In place of flowers, please consider a contribution in memory of Stanley to Hospice of Hope (909 Kenton Point Drive, Maysville, KY 41056) and/or Mount Zion Missionary Baptist Church (550 Mount Carmel Avenue, Flemingsburg, KY 41041).

Friends may offer online condolences at http://www.boonenickellfuneralhome.com

She is survived by daugh

ters, Pam Wagner and hus-band Bill of Gray, TN and April Hill and husband Ricky of Jonesborough, TN;

her grandson, Justin Drew Davidson and wife Logan of Raleigh, NC; her great

LINDA GAIL SPARKS



Linda Gail Sparks, 71, of Linda Gail Sparks, 71, of Hudson, Fl., passed away Tuesday, May 3, 2022, at Christian Assisted Living of Johnson City in Johnson City, TN. Born on February 22, 1951, in Muses Mill, she was a daughter of the late Al-fred and Maymie Crawford Sparks.

Sparks.
Linda enjoyed her flowers and collectibles. Her love for gospel music ran deep. Her fondest memories were singing in church.

NOTICE

Notice is hereby given that in an April 29, 2022, Application, Kembucky Utilities Company ("KU") is seeking approval by the Kembucky Public Service Commission, Frankfort, Kembucky of an adjustment of Demand-Side Management ("DSM") Cost Recovery Component ("DSMR") changes proposed to become effective on and after May 29, 2018.

sed changes, if approved, will result in changes to the DSMRC rates calculated per kWh under the DSM tariff to

BIECUIC Tate Classes as TUITOWS.		
Rates: GS, GTOD-Energy, GTOD-Demand	Current \$ 0.00055	Proposed \$ 0.00062
AES	\$ 0.00323	\$ 0.00363
DO TODO TODO DES ELS OSI	6.0.00007	6.0.00070

ie estimated amount of the annual change and the average monthly bill to which the proposed DSMRC charges will apply each affected electric customer class are as follows:

Electric Rate Class*	Average Monthly Usuage (kWh)	Annual \$ Increase	Annual % Increase	Average Monthly Bill \$ Increase
General Service	1,677			0.12
GTOD-Energy	No customers on this rate	113,728	18.9	NA
GTOD-Demand	No customers on this rate			NA
All Electric School	25,242	49,930	54.1	10.10
Power Service	32,604			3.91
TODS (Secondary)	195,802			23.50
TODP (Primary)	679,421			81.53
Retail Transmission	2,130,792	529,806	40.5	255.70
Fluctuating Load	No customers on this rate			NA
Outdoor Sports Lighting Service	7,297			0.88

Complete copies of the proposed tarffs containing proposed rates may be obtained by submitting a written request by mail to Kentucky Utilities Company, ATTN: Rates Department at P.O. Box 32010, Louisville, Kentucky, 40232, or by visiting KUS weeksle at www.lep-ku.com/cur-company/regulatory.

A person may examine this application at the offices of KU located at One Quality Street, Lexington, Kentucky, and at KU's website at www.tgs-ku.com. A person may also examine this application at the Public Service Commission's offices located at 211 Sower Bouleand, Frankfort, Kentucky, Monday through Friday, 500 a.m. to 4:30 p.m., or through the commission's Web site at http://poc.ky.gov.

Comments regarding the application may be submitted to the Public Service Commission, by mail to Public Service Cordiscore, Post Office Box 615, Frankfort, Kentucky 40602, or by email to psc.info@ky.gov. All comments should reference (No. 2022-00123.)

The rates contained in this notice are the rates proposed by KU, but the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice. A person may submit a limely written request for intervention to the Public Service Commission, Post Office Box 615, Fandrick, Fautrudy 46002, establishing the grounds for the request including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (3)0 deep of Intail publication or mailing of the notice, the Commission may take final action on the applies.

PUBLIC NOTICE FLEMING COUNTY FISCAL COURT Fiscal Year 2022-2023

ocation: FLEMING COUNTY COURTHOUSE

BUGGET SUMMARY
AN ORDINANCE Relating to the Annual Budget and Appropriations, BE IT
ORDINANCH Fleming County Fical Court, Kentucky:
WHIREEAS, the proposed budget was tentatively approved by the Fleming County
WHIREEAS, the proposed budget was tentatively approved by the Fleming County
WHIREEAS, the proposed budget was tentatively approved by the State Local Finance
Officer, on the data listed below:
Approval by the Fiscal Court Ox177/D22

Approved by State Local Finance Officer 05/04/2022

SECTION ONE. The following budget is adopted for the fiscal year specified herein, and the amounts stated are appropriated for the

	5000 5100	GENERAL GOVERNMENT PROTECTION TO PERSONS AND PROPERTY	1,183,268.99
	5200	GENERAL HEALTH AND SANITATION	38,044.70
	5300	COCIAL CERVICES	14,000.00
	5400	SOCIAL SERVICES RECREATION & CULTURE	39,313.13
	6200	AIRPORTS	20.000.00
	9100	GENERAL SERVICES	502,550,00
	9200	CONTINGENT APPROPRIATIONS	121,242.86
	9400	FRINGE BENEFITS- EMPLOYERS SHARE	671,742.00
		Total	2,690,455.48
		ROAD FUND	
	6000	TRANSPORTATION FACILITIES AND SERVICE	
		ROADS	2,137,852.64
	7700 9100	LEASES GENERAL SERVICES	11,102.08
	9200	CONTINUENT ADDRODDIATIONS	157,340.20
	9300	CONTINGENT APPROPRIATIONS TRANSFERS TO OTHER FUNDS FRINGE BENEFITS- EMPLOYERS SHARE	137,340.20
	9300 9400	FRINGE BENEFITS, EMPLOYERS SHARE	270,243.00
		Total	2,629,493.92
		JAIL FUND	
		PROTECTION TO PERSONS AND PROPERTY	
	9100	GENERAL SERVICES	3000.00
	9200	CONTINGENT APPROPRIATIONS	24,216.00
	9300	TRANSFERS TO OTHER FUNDS FRINGE BENEFITS- EMPLOYERS SHARE	53.664.00
	5400	Total	703.211.52
		Iotal	703,211.32
	1	LOCAL GOVERNMENT ECONOMIC ASSISTANCE	E FUND
	6100	ROADS	10,000.00
	9200	CONTINGENT APPROPRIATIONS	55,320.00
		Total	65,320.00
		CONTROL DE LA COMPONICIONA DE LA	
	5100	FOREST FIRE PROTECTION FUND PROTECTION TO PERSONS AND PROPERTY	
	9200	CONTINGENT APPROPRIATIONS	1,480.00
	9200	Total	1.480.00
		Iotai	1,400.00
		CDBG	
	5000		1,750,000.00
	9200	CONTINGENT APPROPRIATIONS	1,157,300.00
		Total	2,907,300.00
		TO A STATE OF THE PARTY OF THE	
	5100	DISPATCH FUND PROTECTION TO PERSONS AND PROPERTY	505 170 00
	9100	GENERAL SERVICES	100.00
	9200	CONTINGENT APPROPRIATIONS	204.164.00
	9300	TRANSFERS TO OTHER FUNDS	204,104.00
	9400	FRINGE BENEFITS- EMPLOYERS SHARE	114.765.00
		Total	824,208.00
		COUNTY CLERK STORAGE FEES	
	5000	GENERAL GOVERNMENT Total	30,000.00
		Total	30,000.00
		AMERICAN RESCUE PLAN ACT	
	5000	GENERAL GOVERNMENT	2.500.00
	9100	GENERAL SERVICES	250,000,00
	9200	CONTINGENT APPROPRIATIONS	737,930.62
	9300	TRANSFERS TO OTHER FUNDS	
		Total	990,430.62
		CONTRACTOR OF THE PROPERTY OF	
	5000	CAPITAL IMPROVEMENT FUND GENERAL GOVERNMENT	6,000,00
	8000	CAPITAL PROJECTS	10.000.00
	9100	GENERAL SERVICES	50.00
	9200	CONTINGENT APPROPRIATIONS	311.505.92
		Total	327,555.92
		Total Budget Appropriations	11,169,455.46
		Γ WO. This ordinance shall be published in the FLEM	
ı	ZETTE by	title and summary within thirty (30) days following	adoption.
ı	CECTION	THREE. This ordinance becomes effective upon pass	and muhito:
ı	SECTION tion.	1 FIRE.E. 1 mis ordinance becomes effective upon pass	age and publica-
ı	LOIL.		
		NOTICE OF AVAILABILITY	
ı	All interest	ed persons and organizations are hereby notified tha	t a copy of the
	Fleming Co	ounty proposed budget in full is available for public i	nspection at the
		County Judge/Executive during normal business ho	

This advertisement was paid for by the Fleming County Fiscal Court using tax dol-lars in the amount of \$208

12:00 p.m., Saturday, May I, 2022, at Boone-Nickell Fu-neral Home. Linda will be laid to rest beside her daughter Bobbie in Muse Family Cemetery. Visitation will be after 11

a.m., Saturday, at the funer

Friends may sign the aline guestbook at www. online guestbook at www. boonenickellfuneralhome.

> ONLINE ONLY AUCTION Bidding Starts May 9th @ 12:05 AM Bidding Start Ending May19th @ 6:00 PM Horn's Auction Gallery 317 S. Church Street Cynthiana, KY 41031

To register to bid Visit our website.

www.hornsauction.com



The Betty Lou Tackett Estate from Lexington, KY and featuring something for everyone. 2007 Toyota Camry LE with 240,000 miles, A Bow Front Antique China Cabinet to a Oak Roll Top Computer Desk, Ethan Allen Old Tavern Pine Chest to a Antique Golden Oak Sideboard, Fashion Jewelry with Sterling Silver and 14KT Gold to a Lenovo Ideapad and Dell Chrome Book, original oil on canvas to Paul Sawyier framed prints and 37 packed shelves of misc. household items.

We will also be selling form Doris Brownfield of Falmouth, KY 1981 Massey Ferguson MF 255 with 4,008 hrs. Shaver Hydraulic post driver and 3 pt hitch spreader.



& SATURDY MAY 21ST 9AM TO NOON

Good Luck Bidding!!!

TERMS: 10% Buyers Premium, 6% sales tax and all payments must be made by CRED-IT CARD. For additional information and pickup terms visit our web site.



Horn's Real Estate & Auctioneering 317 S. Church Street Cynthiana, KY 41031 859-234-5524 / 859-588-3452 William R. Horn Realtor / Auctioneer



COMMUNITY

Flemingsburg Wastewater Plant Receives State Award



Pictured at the plant, left to right Rob Applegate, Public Works Director Joe Dun-away, Mayor Bobby Money, Chief Plant Operator David Shrout, Raymond Pollitt, Trevor Jones and Mike McIntosh

The City of Flemingsburg Wastewater Treat-ment Plant has recently been presented the 2021 "Outstanding Waste-water Treatment Plant Award for the Eastern District of Kentucky. The award was presented by the Eastern Kentucky Wastewater Operators Association (EKWWOA). The award

covers all treatment faburg Wastewater Treat- cilities located in Eastern Kentucky. The plant is now entered in the contest for best plant state wide. It is an impressive distinction. The City is immensely proud of all the employees who con-tributed to this award through their hard work and dedication.

NOW HIRING

P.I.C.I. is now hiring for the following positions: Production Employees \$14-\$18.25/hr Industrial Cleaning Starting at \$16/hr.

Contact P.I.C.I. at 859-289-7639 to apply.

FOR SALE:

Straw bales

Timothy hay horse bales

4X5 round rolls net wrapped

Shed kept

20ft Cattle Hauler for Sale. New bed, electric & tires

859-948-4376



Collecting Donations

The Wallingford Cemetery Board would like the public to know that we will be collecting donations to go toward the care of the cemetery during Memorial Day weekend.

Please see one of our board members to donate during that time. If you would like to send a donation by mail, please send to Ray Hitch at: 1289

Wallingford Road, Flemingsburg, KY 41041. Contact Jim Bradley at 606-748-8497 or Ray Hitch at 606 748-8014 with

(Flemingsburg

606-845-9211

115 S. Main Cross St. P.O. Box 32 Flemingsburg, KY 41041

Advertising

Petrea Allison 859-473-2137 petrea@kynewsgroup.com

Reporting

Charles Mattox charles@kynewsgroup.com

Subscriptions/Classifieds/Obituaries

Monica Wallingford monica@kynewsgroup.com

Sheri Wheary awarded the 2022 Fleming County **Hospital DAISY Award for Extraordinary Nurses**



Fleming County Hospital proudly announces Sheri Wheary, RN, as a DAISY Award recipient. The DAISY Award for Extraordinary Nurses recognizes individual nurses throughout the year for their extraordinary, compassionate care. The DAISY (Diseases Attacking the Immune System) Award is an international recognition program that honors and celebrates the skillful, compassionate care unrese provide every day. Fleming County Hosnurses provide every day. The DAISY Founda-The DAISY Founda-tion was created in 1999 by the family of J. Pat-rick Barnes who died at age 33 of complications of an auto-immune dis-ease (hence the name, an acronym for Diseases At-tacking the Immune Sys-tem.) Patrick received ex-traordinary care from his nurses, and his family felt compelled to express their profound gratitude their profound gratitude for the compassion and skill nurses bring to pa-tients and families every day. The DAISY Award celebrates nurses in over 4,000 healthcare facili-ties and schools of nurs-ing around the world. At Fleming County Hospital, DAISY Award honorees personify retheir profound gratitude

markable patient experience. These nurses consistently demonstrate excellence through their

consistently demonstrate excellence through their clinical expertise and extraordinary compassion ate care. They are recognized as outstanding role models in our nursing community. Sheri was nominated along with Melinda Sparks and Alexandria Carrizalez.

Nursing is not only a profession, it's a calling, said Christina Buckler, Director of Nursing for Fleming County Hospital. "It's important that our nurses know their work is highly valued, and The DAISY Foundation provides another way for us to do that. Sheri goes above and beyond for her patients and is well deserving of this recognition."

If you or someone you know would like to submit a Fleming County Hospital DAISY Award nomination, go to www. Iemingecounty/ospital and in the content of the

nomination, go to www. flemingcountyhospital. flemingcountyhospital.
org/for-patients-and-visitors/daisy-award. For
more information about
The DAISY Award and
the Foundation's other
recognition of nurses,
faculty, and students,
visit www.DAISYfoundation.org.

Notice

The Goddard Cemetery has begun our mowing season. The price of gas is very high, so we are asking for your donations again this year.

There will be someone at the cemetery during the Memorial Day weekend or you can send your donation to:

> Bernice Plummer 1905 Craintown Rd. Ewing, KY 41039



Geraniums

Hanging Baskets • Tomatoes • Vegetables • Bedding Plants 7029 Hord Rd., Flemingsburg

606-742-9051

For Circuit Court Judge

Bracken • Fleming **Mason Counties**

×

×

×

OBITUARIES

LEO EDWARD POLLITT



Leo Edward Pollitt, 84, of Flemingsburg, passed away Tuesday, October 18, 2022. He was the widower of Carolyn Virginia Hunt Pollitt.

Born in Lewis County on November 4, 1937, his parents were the late George W. Pollitt and the late Victoria Sharp.

Leo was a farmer who milked for several local farmers. He was a member of New Life Church of Christ. He was known as the mayor of Crestview.

the mayor of Crestview.

the mayor of Crestview. He is survived by four of his children, Leo Estill (Claudia) Pollitt, Jackie Fleming (Nina) Pollitt, Penny (James) Rich-mond, Ricky (DeAnna) Pollitt; his 12 grand-children; his four great-grandchildren. He is also

survived by his sibling, Jewell Pollitt; several half siblings; along with several nieces, nephews, extended family mem-bers, and friends. In addition to his par-ents and Carolyn, his wife of 64 years, he was was preceded in death by his son, Darrell Lee Pol-

his son, Darrell Lee Pol

nis son, Darrell Lee Pol-litt; and two of his sib-lings, Alonzo Pollitt and Ruth Bryant.

The funeral service will begin at 2 p.m., Sat-urday, October 22, 2022, at Boone-Nickell Funeral Home with Bro. James Ray Hickerson officiat-

Leo will be laid to rest in Elizaville Cemetery.
Pallbearers include Ricky Pollitt, Estill Pollitt, Jackie Pollitt, Justin Elliott, Ricky Stetson Pollitt, and Waylon son Pollitt, and Waylon Wrangler Pollitt. Honor-ary pallbearers include Raymond Pollitt, Rocky Hunt, Alyssia Pollitt, Katelyn Pollitt, Newell Pollitt, and Blake Can-

Non.
Visitation will be from noon, until the hour of service at 2 p.m., Saturday, at Boone-Nickell.
Friends may offer online condolences at www.

line condolences at www. boonenickellfuneral-

Subscribe Today! Call 606-845-9211

Ann's Variety

26 Cherry Lane, Salt Lick, KY

, Collectibles, Usable Anti Variety of Everything

Specials throughout the store! 606-207-5155



C. Roger Lewis Agency, Inc. Real Estate * Auctions * Insurance

REAL ESTATE FOR SALE – "Old Curtis Lumber Mill", located on KY 32 near Crain Creek. 44 acres with large pallet mill buding and several other small structures. Oper-ating as a pallet mill since 1984. Does not include any equipment real estate and budings only. Call Mark Lewis, C. Roger Lewis Agency for more details. 666-5352. Asking 520,000.00

WOODED ACREAGE FOR SALE - 57 acres +/- of most land with marketable timber. Located near Crain Creek, off within 152 minutes of Morehead. Great land for hunting, tim development or cabins. Located behind the old Curtis Pallet Mill. Asking \$200,000. Call Mark Lewis, C. Roger Lewis Agency, at

PAUL R. STOKES, ATTORNEY AT LAW

- TRUSTS • REAL ESTATE
- ESTATES & WILLS
- POWERS OF
- ATTORNEY
- CONTRACTS

(606)784-6477 prstokeslaw@ 129 East Main St. Morehead, KY

www.paulrstokesattorneyatlaw.com

MARGARET "JEANIE" LEWIS



will begin at 2 p.m., Saturday, October 22, 2022, tt Boone-Nickell Funeral fome with Bro. James Ray Hickerson officiating.

Leo will be laid to rest and Elizavilla Comptons:

Leo will be laid to rest and helpmate to her recently departed busbard. cently departed husband, Paul.

Paul.

She was born June 7,
1936, near May's Lick,
Ky. to Olive and Aiken
Cline, one of ten children.
Her childhood years
were humble but happy,
helping her family with were humble but happy, helping her family with household and farming chores. Jeanie was very proficient in her studies and won a regional spelling bee championship.

She wed Paul Lewis in 1957 and they soon started a family. During the earliest years of marriage, she kept home and hearth together while Paul worked. In time an opportunity arose to pur-

Paul worked. In time an opportunity arose to purchase and operate their own business, the Dogn-Suds restaurant in Greenwood, Ind. She and Paul ran the operation successfully, eventually they went independent of the franchise, renaming it The Suds. A later business venture also met nt The Suds. A later busi-ness venture also met with success, the Jackpot Mini-Quik convenience store in Southside India-napolis.

Jeanie loved to travel, with Hawaii as a favorite destination but she also

destination, but she also visited Central America, visited Central America, the Caribbean and the continent of Africa, but always felt the Ohio Val-ley region was among the prettiest places on Earth. Among her hobbies was music; she loved to sing music; she loved to sing and play guitar and en-joyed seeing her favorite performers at concerts and bluegrass festivals. Although she would not claim cooking was her passion, she excelled at

it; everyone was happy to have a seat at her table.

She enjoyed her home of 51 years in rural Greenwood, a haven she loved to share with others. It was so often a hub for gatherings small and large, from intimate card games with friends and neighbors to bustling family reunions. Family tamily reunions. Family was of paramount impor-tance to Jeanie, she kept in close contact and vis-ited parents and other beloved relatives often and doted on her grandchildren.

She had a soft-spoken She had a soft-spoken nature that belied an in-ner strength that served not only her but others well. Those in her orbit could expect sound ad-vice, solace if needed, or a ortice, solace if needed, or a chuckle, as she possessed a fine wit. Jeanie was a woman of devout Christian faith, generous and compassionate to those less fortunate, she gave often to charities and because of the constant of the control of the c nevolent organizations, and assisted friends and

and assisted friends and family in need.

Jeanie was preceded in death by her husband, Paul. She is survived by her three children, Mark Lewis, Delinda (Glenn) Lafara, and Darren (Gail) Latara, and Darren (Gail)
Lewis; grandchildren,
Zachary (Mary) Sloan,
Tyler Lewis, and Conner
Lewis; great-grandchildren, Atticus and Claudio Sloan.

A visitation will be

dio Sloan.

A visitation will be held on Wednesday, October 26, 2022, from 4 to 7 p.m., at Jessen & Keller Funeral Homes ~ Whiteland, Chapel in Whiteland, Ind.

The funeral service will

The funeral service will begin at 1 p.m., Saturday, October 29, 2022, day, October 29, 2022, at Mt. Carmel Christian Church located at 55 Poplar Grove Road, Flemingsburg, Ky. 41041, with visitation from 12 p.m. until the hour of service at 1 p.m. Jeanie will be laid to rest at Mt. Carmel Cemetery.

etery. Boone-Nickell Funeral Home is caring for Jeanie's local arrangements.

Friends may offer on-line condolences at www. boonenickellfuneral-

PUBLIC NOTICE

HUMMINGBIRD ENERGY LLC is proposing to develop and construct an approximately 200-megawatt solar electric generating and battery energy storage facility to be located on Carpenter Road in Fleming County, Kentucky. The public is nivited learn more about the Project through the Project website and an in-person public information meating.

learn more about the Project through the Project website and as me person pusson information meeting under information about the ire and location of the gro-posed Project and the anticipated economic impact. Information on an upcoming virtual meeting also included.

The website can be accessed at: https://recurrentenergy.com/project/hamminghird/. Additionally, you me yeardl questions to ill thimminghird/ecorrententeergy.com/ A public information meeting will be held to provide information about the Project. public meeting will be held on November 15th from 11. Also 15 Mg, at the Mount Carmel Fire Department (144 Rosport Rd, Wallingdord, KY 41093).

ADVERTISEMENT FOR REQUEST FOR QUALIFICATION

Ziy of Ewing will real an qualified architectural engineering firm to provide ining, design, construction, and other required services for a new sewer intall within the City of Ewing, located in Heming County. Sources of Indiang ma de, but are not limited to Community Development, and other teach state an and Commission (AGN, UDSO Ramz Development, and other teach state an and Commission (AGN, UDSO Ramz Development, and other teach state an architectural engineering firms interested in working on this project until architectural engineering firms interested in working on this project until pm on Monday, Normether 14, 2022. A mRP poseket containing informs-about the project and criteria that will be used to select the architectural firm be obtained at www.bendad.dom or by containing firstine Dodge, Community beprenet Diversion. Bendad on the size of the project of the project only of the project and criteria that will be used to select the architectural firm to exhaulted the project and criteria that will be sold to be sized as a supervised of the control of the control of the post of the project of the control of the dependent project and the control of the control of the desired to the project of the sized of the collection belong one or installation of collection belong to the collection belong to the desired be

olicitation for Statements of Qualifications is being conducted to runn susa al funding agency procurement requirements. Attention of respondents to is called to the following requirements: 1) Section 3 of the Housing and Ut loopment Act of 1968; 2) Section 190 of the Housing and Community Devel Act of 1974; 3) Talle VI of the Civil Rights Act of 1964; 4) Executive Order 6; 5) Certification of Non-segregated Facilities. All of these may be incorpe into any contract issued pursuant to this solicitation. The City of Ewing ar

nent was paid for by the City of Ewing using tax dollars in the

BERTHA HAWKINS



Bertha Hawkins, 91. Bertha Hawkins, 91, of Flemingsburg, passed away peacefully, sur-rounded by family at the Hospice of Hope Care Center in Maysville on Tuesday, October 18, 9022 2022.

Born in Lewis County Born in Lewis County on December 3, 1930, she was a daughter of the late William Elzie Presley and the late Ada Inis Little Presley.

Bertha was a cook in several local restaurants for about 40 years.

several local restaurants for about 40 years. Af-ter retiring she enjoyed working with her flow-ers and going to the Se-nior Citizen Center and nior Citizen Center and playing Bingo. She also enjoyed having family and grandkids around. She was a member of the Unity Baptist Church of Flemingsburg. Bertha is survived by her daughter, Hope McKee of Flemingsburg.

McKee of Flemingsburg; her two sons, Robert Pollitt and wife Mary of Hamesrville, Ohio and Gary Pollitt of George-town, Ohio; her eight grandchildren, Sylvia Lee Sowers, Joyce Ann Pollitt, Linda Kaye Don-aldson, Ashley Brooke aldson, Ashley Brooke Pollitt, J.R. Pollitt, Can-dace Pollitt, Jeremy Pol-litt, Lacey Kilpatrick; 13

great grandchildren; and nine great, great grand-children. She is also sur-vived by her sister, Linvived by her sister, Linda Curtis and husband Gary of Georgetown, Ohio; her two brothers, Harold Presley of Felicity, Ohio, and John Pre-sley and wife Elaine of Georgetown, Ky.; along with many extended family members and friends.

friends.

In addition to her parents, she was preceded in death by her two husbands, Elmer Pollitt and William Marshall Hawkins; her sister, Janetta Carrington; and her four brothers, Elmer Presley, Woodrow Presley, Joe Presley, and Jim Presley,

Presley.
The funeral service will The funeral service will begin at 1 p.m., Tues-day, October 25, 2022, at Boone-Nickell Funeral Home with Bro. Randall Jackson officiating. Bertha will be laid to rest in Goddard Cem-

Pallbearers include Jimmy Presley, Jamie Donaldson, Gary Sow-ers, Andrew Pollitt, Gary Curtis, and Jeremy Pol-

litt.
Visitation will be 11
a.m., until the hour of

a.m., until the hour of service at 1 p.m., Tues-day, at Boone-Nickell. In place of flowers, please consider a con-tribution in memory of Bertha to the Hospice of Hone (online bespice) Hope (online: hospiceof-hope.com/Donate) and

hope.com/Donate) and/ or the Cancer Care Club (P.O. Box 189, Flemings-burg KY 41041). Friends may offer on-line condolences at www. boonenickellfuneralhome.com

JANE KIRKLAND BLACK



Jane Kirkland Black. Flemingsbu.
Wedne 76, of Flemingsburg, passed away Wednes-day, October 19, 2022, at Saint Elizabeth Health-

Saint Elizabeth Health-care in Edgewood, Ky. Born in Foxport on Oc-tober 21, 1945, her par-ents were the late Paul Newman Kirkland and Thelma Dillon Kirkland. Jane was a retired Registered Nurse after

34 years of service with Saint Elizabeth Health-Saint Elizabeth Health-care. She had served on the Advisory Committee at Regis University and Concord University in Denver, Colorado. A talented pianist, she played for many local churches

for many local churches and weddings. She was a member of the Flemings-burg Baptist Church.

She is survived by three children, Brian Keith Wallingford and wife Janeen, Jeffrey Scott Wallingford and wife Mary, Patrick Lee Brannen and wife Shanon; special daughterin-law, Margaret King; five grandchildren, Allison Wallingford, Taryn Brown and husband

Wesley, Trent Pollitt and wife Frannie, Kirkland Grace Brannen, Carlee Michelle Brannen; one great grandchild, Jacob Pollitt. She is also sur-vived by her two broth-ers, Paul Kirkland, Jr., Keith Kirkland and wife Brende: two nephews Ketth Kirkland and wife Brenda; two nephews, Brett Kirkland, Trevor Kirkland and wife Ra-chel; two nieces, Kerri Thacker, Katie Finley and husband James; and James;
two great nieces, Hannah Marie Kirkland,
Sara Grace Kirkland;
three great nephews,
Zach Kirkland, Corbin
Thacker, Cohen "Angel
Boy" Thacker, along with
many extended family many extended family members and friends.

In addition to her parents Paul and Thelma,
Jane was preceded in death by her nephew,
John Paul Kirkland.

John Paul Kirkland.
The funeral service will begin at 1 p.m., Wednesday, October 26, 2022, at Boone-Nickell Funeral Home with Pastor Harry Meadows officiating.
Jane will be laid to rest in Mount Carmel Cemetery.

etery. Pallbearers Pallbearers include
Bratt Kirkland, Trevor
Kirkland, Ashley Dillon,
Corbin Thacker, Trent
Pollitt, Tyler Dillon,
Honorary pallbearers include James Finley.
Visitation will be 11
a.m., until the hour
of service at 1 p.m.,
Wednesday, at BooneNickell.
Friends may offer on
line condolences at www.
boonenickellfuneralhome.com include

home.com



98 San Jacinto Blvd. STE 750 415.675.1500 (p) Austin, TX 78701

415.675.1501 (f)

March 7, 2023

RE: Hummingbird Solar Project Community Outreach

Dear Neighbor,

Recurrent Energy is proposing to develop and construct a 200-megawatt utility-scale solar and battery energy storage facility in Fleming County, Kentucky. The project is being proposed in the vicinity of Carpenter Road and Mt Carmel Road. As a neighbor to the solar project, we want to invite you to an informational session on Thursday, March 23, 2023, from 3 PM to 7 PM at the Mount Carmel Fire Department located at 144 Foxport Rd, Wallingford, KY 41093.

At this informational session, you can expect to learn about utility-scale solar projects, Hummingbird Solar Project specifics, and what to expect during construction and project operations. We would also like to take this opportunity to get to know our neighbors and introduce Recurrent Energy and the project team. In the meantime, please feel free to contact the project team at the contact information provided below. Your questions or concerns are welcome at any time.

Recurrent Energy recognizes our projects have a long-term presence in the communities where they are sited, and we value your input during this process.

Best regards,

Jayce Walker

Manager, Development

Phone: (859) 694 2777

Email: Hummingbird@RecurrentEnergy.com Company Website: www.recurrentenergy.com

layer bluxen

Project Website: recurrentenergy.com/project/hummingbird

Name	Tracking Numbers	Owner Address	City	State	Zip
GALBREATH MELODYE & BRADLEY & JAMES	7714 5246 9092	886 WOOLEY RD	FLEMINGSBURG	KY	41041
SPENCER ROGER D & DIANE	7714 5247 4985	920 MADDOX PIKE	FLEMINGSBURG	KY	41041
ESH LEON D & NANCY Z	7714 5248 4986	1199 CARPENTER RD	WALLINGFORD	KY	41093
HARVEY JOSEPH	7714 5249 1256	2111 WILSON RUN RD	WALLINGFORD	KY	41041
COBLENTZ TIMOTHY & DEBORAH Y	7714 5249 6784	1591 MADDOX PIKE	FLEMINGSBURG	KY	41041
PEACHEY BEN & JUDY	7714 5307 7751	1175 MADDOX PIKE	FLEMINGSBURG	KY	41041
BUTTS KALVIN R	7714 5253 4561	1630 BEECHTREE PIKE	FLEMINGSBURG	KY	41041
TRIPLE A FARM OF FLEMING COUNTY INC	7714 5254 5569	1594 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
REID JASON A & SHAUNA	7714 5255 1406	1380 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
REID ANTHONY K & PATRICIA	7714 5257 2481	1296 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
REID EILEEN HEIRS & GARNETTA REID	7714 5262 0123	1230 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
JOHNSON JON H	7714 5265 7510	225 AUTUMN RIDGE RD	FLEMINGSBURG	KY	41041
REEDER WILLIAM KEITH ETALS & CHERYL SOWDER	7714 5272 6959	811 WHIRLAWAY CIRCLE	KNOXVILLE	TN	37923
CONRAD ELIZABETH J ESTATE	7714 5276 6437	5764 MT CARMEL RD	FLEMINGSBURG	KY	41041
LENGACHER WILL & MARY	7714 5278 1551	2297 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
GRABER MARCUS & SUSAN	7714 5280 4453	112 HARN RD	FLEMINGSBURG	KY	41041
SCOTT RODNEY EUGENE	7714 5284 2307	2045 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
SCHWARTZ DANIEL & MARK & MARY MILLER	7714 5285 4528	697 MURRAY LANE	FLEMINGSBURG	KY	41041
REEDER KEITH	7714 5756 8425	7107 MT GILEAD RD	MAYSVILLE	KY	41056
LINDBERG DAVID J	7714 5736 6423	456 MADDOX PIKE	FLEMINGSBURG	KY	41036
HILL MICHAEL TERRENCE	7714 5287 2574	380 MADDOX PIKE	FLEMINGSBURG	KY	41041
PRATER ROBERT E & KIM	7714 5289 1989	2229 BEECHBURG RD	WALLINGFORD	KY	41041
HILL MICHAEL & BARBARA L	7714 5289 8310	1184 MADDOX PIKE	FLEMINGSBURG	KY	41041
COX AMANDA LACHELLE	7714 9254 1854	808 MADDOX PIKE	FLEMINGSBURG	KY	41041
ARTHUR RUSSELL F & MARJORIE	7714 5290 6790	960 MADDOX PIKE	FLEMINGSBURG	KY	41041
UTTERBACK WILLA	7714 5291 4571	5430 MT CARMEL RD	FLEMINGSBURG	KY	41041
PEACHEY BEN & JUDY	7714 5778 5397	1175 MADDOX PIKE	FLEMINGSBURG	KY	41041
DILLON JAMES BROOKS ESTATE	7714 5313 1292	584 MURPHY LANE	FLEMINGSBURG	KY	41041
STRODE GLORIA JEAN & BRUCE WAYNE	7714 5320 4979	4699 MT CARMEL ROAD	FLEMINGSBURG	KY	41041
MAZELIN JACOB C	7714 5321 5862	2148 WILSON RUN RD	WALLINGFORD	KY	41093
WILLS CHARLES R	7714 5322 3209	2348 WILSON RUN RD	WALLINGFORD	KY	41093
BEDORE RITA SCURRY & GREGORY G	7714 5330 6231	1622 WILSON RUN RD	WALLINGFORD	KY	41093
JONES KIMBERLY D	7714 5827 3043	205 SHADY BROOK LANE	MT STERLING	KY	40353
BORDERS TERRY JOE & PAMELA SUE RICHARDS	7714 5333 8936	6350 BLOSSOM PARK DR	WEST CARROLLTON	ОН	45449
IONES KIMBERLY D	7714 5335 8423	205 SHADY BROOK LANE	MT STERLING	KY	40353
FLOWERS AMBER GOODING & JONATHAN GOODING	7022 2410 0000 9787 2328	P O BOX 64	FLEMINGSBURG	KY	41041
HIMES HAROLD D & WANDA	7714 5336 8273	3779 WALLINGFORD RD	FLEMINGSBURG	KY	41041
DOYLE HAZEL L ESTATE	7714 5338 4800	1319 WILSON RUN RD	WALLINGFORD	KY	41093
MITCHELL JASON B	7714 5352 9054	10382 ELIZAVILLE RD	EWING	KY	41039
SMITH KELLEY & LESLIE LITZLER & C./O KENNETH & MARILYN DEARING	7714 5675 0098	1506 BEECHTREE PK	FLEMINGSBURG	KY	41041
APPLEGATE VERA LUCILLE ESTATE & TIMOTHY RAY APPLEGATE	7714 5686 2050	178 FOXPORT RD	WALLINGFORD	KY	41093
SKAGGS EULA G	7714 5688 9458	971 FOXPORT RD	WALLINGFORD	KY	41093
MAY JULIUS R & RAMONA	7714 5691 8973	875 FOXPORT RD	WALLINGFORD	KY	41093
SCHWARTZ JOHN R & ESTHER I	7714 5696 6688	1033 FOXPORT ROAD	WALLINGFORD	KY	41093
NEW DIRECTION IRA INC & FBO MICHAEL MINEER IRA	7714 9299 3006	1070 W CENTURY DR STE 101	LOUISVILLE	CO	80027
RAWLINGS JAMES T & BUFFEY W	7714 9299 3000	1988 POPLAR GROVE ROAD	FLEMINGSBURG	KY	41041
MCDOWELL BOBBY & DONNA	7714 5698 5043	2124 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
MASON MELISSA	7714 5698 5043	2100 POPLAR GROVE RD		KY	41041
			FLEMINGSBURG		
MASON RONALD JOE	7714 5700 1914	2062 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
VAUGHN HARRY L & JOHN CODY VAUGHN	7714 5700 9834	164 FARROWS CREEK RD	FLEMINGSBURG	KY	41041
MILLER ROSCOE NOLAN ESTATE & ANDREW WOODSON GRAHAM	7714 5701 9618	574 LAKESIDE DRIVE	FLEMINGSBURG	KY	41041
MERS KENNETH C & NANCIE HOPE	7714 5702 8050	338 SAUNDERS RD	WALLINGFORD	KY	41093
MINEER RUBY	7714 5892 3070	502 SAUNDERS RD	WALLINGFORD	KY	41093
SMITH LARRY & DONNA	7714 5704 7136	42 PRATER RD	WALLINGFORD	KY	41093

BECKETT BILL & MONA C	7714 5705 4892	1031 FOXPORT RD	WALLINGFORD	KY	41093
SCHWARTZ JONATHON & MARY	7714 5707 0020	1037 FOXPORT RD	WALLINGFORD	KY	41093
LENGACHER JOSEPH E & ARLENE E & AMOS J & MARY E GRABER	7714 5828 0870	6961 MT CARMEL ROAD	FLEMINGSBURG	KY	41041
KEARNS CANDACE N & ERIC L	7714 5710 2177	168 TAYLOR MILL RD	FLEMINGSBURG	KY	41041
CRUMP RICKY R & LISA M	7714 5711 5350	2489 CARPENTER RD	WALLINGFORD	KY	41093
MERS ELIZABETH JANE	7714 5799 4434	7108 MT CARMEL RD	FLEMINGSBURG	KY	41041
GRIFFITH SHERRI	7714 5713 6830	313 TRI COUNTY RD	SEAMON	OH	45679
ESH DANIEL B & CAROLINE	7714 5714 7140	1496 CARPENTER RD	WALLINGFORD	KY	41093
KEGLEY ELWOOD H	7714 5715 3650	1558 CARPENTER RD	WALLINGFORD	KY	41093
KEGLEY JIMMIE D & GERALDINE V	7714 5813 5587	170 BLACK DIAMOND RD	WALLINGFORD	KY	41093
CAUDILL SHARON D	7714 5824 8443	3149 BEECHTREE PK	WALLINGFORD	KY	41093
RATLIFF JACOB & LELA	7714 5742 2615	235 FOXPORT RD	WALLINGFORD	KY	41093
WILLIAMS SHIRLEY	7714 5780 8690	1833 BEECHBURG RD	WALLINGFORD	KY	41093
MINEER RUBY	7714 5744 2168	502 SAUNDERS RD	WALLINGFORD	KY	41093
APPLEGATE VERA LUCILLE ESTATE	7714 5900 9745	178 FOXPORT RD	WALLINGFORD	KY	41093
CONN JOSHUA CODY & JENNIFER GRAY	7714 5746 0866	742 FOXPORT RD	WALLINGFORD	KY	41093
SUAREZ ANTHONY & ADA RUTH	7714 5746 6912	7990 MT CARMEL RD	FLEMINGSBURG	KY	41041
MARSHALL PHILLIP W & RENEE C	7714 6721 7520	852 CARPENTER RD	WALLINGFORD	KY	41093
MCKISSON DOUGLAS & KIM	7714 5749 2200	1375 CARPENTER RD	WALLINGFORD	KY	41093
HELMUTH ERNEST E & VIRGINIA	7714 5750 1333	1317 CARPENTER RD	WALLINGFORD	KY	41093
FEARIN STEPHEN G & BRANDON & ASHLEY POLLITT	7714 5750 6552	1983 BEECHBURG RD	WALLINGFORD	KY	41093
GARDNER DWIGHT M & SHERRI L	7714 5751 5763	526 CARPENTER RD	WALLINGFORD	KY	41093
MARSHALL CHARLES R	7714 5754 9577	994 CARPENTER ROAD	WALLINGFORD	KY	41093
MARSHALL CHARLES R & PHILLIP W	7714 5755 5664	994 CARPENTER RD	WALLINGFORD	KY	41093
MARSHALL CHARLES R	7714 5823 3359	994 CARPENTER ROAD	WALLINGFORD	KY	41093
ROLPH FAMILY CEMETERY	7714 5756 2471	R 1	WALLINGFORD	KY	41093
REEDER KEITH	7714 5286 5293	7107 MT GILEAD RD	MAYSVILLE	KY	41056
HUMPHRIES STEVEN W & SHARON	7714 5757 3847	1052 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
LOWE DUANE R	7714 5759 8071	552 LAKESIDE DR	FLEMINGSBURG	KY	41041
EARLS WENDELL LANE & JUDY L & ERIC T EARLS	7714 5761 5674	864 MADDOX PIKE	FLEMINGSBURG	KY	41041
WHITE SAMUEL D & DEBRA	7714 5762 2713	8778 MT CARMEL ROAD	FLEMINGSBURG	KY	41041
CAUDILL SHARON D	7714 5763 0126	3149 BEECHTREE PK	WALLINGFORD	KY	41093
NORTON MICHAEL D & SARAH	7714 5763 8035	1131 CARPENTER RD	WALLINGFORD	KY	41093
DOYLE WILLIAM H & DAISY	7714 5764 5092	2844 BLACK DIAMOND RD	WALLINGFORD	KY	41093
APPLEGATE FREDDY ESTATE	7714 5765 5748	695 FOXPORT RD	WALLINGFORD	KY	41093
STRAUSBAUGH ROBERT & GINGER	7714 5766 7980	1608 MOCKINGBIRD HILL	FLEMINGSBURG	KY	41041
BREWER SHIRLEY ESTATE	7714 5767 6643	1412 MADDOX PIKE	FLEMINGSBURG	KY	41041
JODOIN DANIEL & AMY	7714 5707 6643	1412 MADDOX PIKE 1460 COLGAN RD	WALLINGFORD	KY	41041
PALMER ROBERT TIM & PAULA	7714 5771 0712	164 SAUNDERS RD	WALLINGFORD	KY	41093
PALMER ROBERT TIM & PAULA	7714 5772 4410	164 SAUNDERS RD	WALLINGFORD	KY	41093
CAUDILL HELEN L	7714 5773 8027	1151 BLACK DIAMOND RD	WALLINGFORD	KY	41093
WILLIAMSON MELISSA C & SHARON G YOUNG	7714 5775 1528	1813 WILSON RUN RD		KY	41093
			WALLINGFORD	KY	41093
MIK LEE ANN	7714 5775 7971	1240 CARPENTER RD	WALLINGFORD		
LUNSFORD ROBERT WAYNE	7714 5330 6231	1957 WILSON RUN RD	WALLINGFORD	KY	41093
MEADOWS RANDALL & WILLA L	7714 5777 5422	785 FOXPORT RD	WALLINGFORD	KY	41093
MEADOWS RANDALL & WILLA L	7714 5777 9016	785 FOXPORT RD	WALLINGFORD	KY	41093
PEACHEY BEN & JUDY	7714 5250 4775	1175 MADDOX PIKE	FLEMINGSBURG	KY	41041
RUCKER EMMALEN N	7714 5779 2815	2313 CARPENTER ROAD	WALLINGFORD	KY	41093
FEARIN CATHY	7714 5780 1228	1412 MADDOX PIKE	FLEMINGSBURG	KY	41041
WILLIAMS SHIRLEY	7714 6720 0590	1833 BEECHBURG RD	WALLINGFORD	KY	41093
GRAHAM ALBERT W & CYNTHIA A	7714 5781 8278	574 LAKESIDE DRIVE	FLEMINGSBURG	KY	41041
LUNSFORD CHARLES & JENNIFER	7714 5784 4209	376 ASHLEY ST	FLEMINGSBURG	KY	41041
SCHWARTZ SAM & ANNA MAE	7714 5787 0813	1111 COLGAN ROAD	WALLINGFORD	KY	41093
MARSHALL PHILLIP W & RENEE C	7714 5787 8917	852 CARPENTER RD	WALLINGFORD	KY	41093
SALYERS DONALD E & MARIA	7714 5788 6205	1270 BEECHBURG RD	FLEMINGSBURG	KY	41041

WILLIAMS KIALE BRETT	7714 5789 7706	169 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
HARMON JEFFREY A JR & TERRI LOWE	7714 5790 8800	342 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
BALLARD JAMES S & ASHLEY	7714 5819 9978	267 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
SOULE STEVEN L	7714 5793 8170	256 BEECH SPRINGS DRIVE	FLEMINGSBURG	KY	41041
UTTERBACK DAVID L & MIRANDA	7714 5805 5391	1645 BEECHTREE PIKE	FLEMINGSBURG	KY	41041
GARRETT THERESA L	7714 5824 0096	1830 BLACK DIAMOND RD	WALLINGFORD	KY	41093
FURNER GARY & GLENNA & GARY LEE TURNER II & JAMIE	7714 5797 3399	13755 PEACH GROVE RD	CALIFORNIA	KY	41007
SOSBE CHARLES	7714 5799 4434	7170 MT CARMEL RD	FLEMINSBURG	KY	41041
HICKERSON TIMOTHY N	7714 5800 6912	1368 CARPENTER ROAD	WALLINGFORD	KY	41093
SOUDER KENNETH A & CHERYL B	7714 5802 8480	68 SOUDER LANE	FLEMINGSBURG	KY	41041
CONN LOUIS & CANDACE D	7714 5803 8311	343 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
GILLIAM ZACHARY R & BRITTANY	7714 5804 7577	410 MURPHY LN	FLEMINGSBURG	KY	41041
JTTERBACK DAVID L	7714 5794 5973	1645 BEECHTREE PIKE	FLEMINGSBURG	KY	41041
GRABER AMOS J & MARY E	7714 5806 6013	125 HILLSIDE DRIVE	FLEMINGSBURG	KY	41041
STACY RICKIE	7714 5807 2177	197 BEECH SPRINGS DRIVE	FLEMINGSBURG	KY	41041
BARKER RHETT & JILL	7714 5808 1929	2233 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
KEGLEY JIMMIE D & GERALDINE V	7714 5715 9110	170 BLACK DIAMOND RD	WALLINGFORD	KY	41093
LENGACHER MARVIN & VIOLET	7714 5814 5084	767 BEECHBURG ROAD	FLEMINGSBURG	KY	41093
CASKEY LLOYD JR & ANNA RUTH	7714 5814 5064	5338 RAYMOND RD	MAYSLICK	KY	41041
RIPATO BETTY LOU ESTATE	7022 2410 0000 9787 2311	PO BOX 204	TOLLESBORO	KY	41055
GILKERSON MAX D & MARY F	7714 5816 3256	4694 MT CARMEL RD	FLEMINGSBURG	KY	41189
HAWKINS AMANDA MEADOWS	7714 5816 3256	230 MURPHY LANE	FLEMINGSBURG	KY	41041
GRABER MATTHEW E & MIRIAM	7714 5818 2490	162 GARRETT DR	WALLINGFORD	KY	41041
BALLARD JAMES S & ASHLEY	7714 5793 2080	267 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
FAYLOR IRENE IRREVOCABLE TRUST & JESSICA GARDNER, TRUSTEE	7714 5793 2080	227 SHAW RD	UNION	OH	45427
HUMPHRIES STEVEN W & SHARON	7714 5820 6848	1052 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
KAGGS THOMAS M & CHRISTIE L	7714 5821 7850	6582 MT CARMEL RD		KY	41041
MARSHALL CHARLES R	7714 5822 5000	994 CARPENTER ROAD	FLEMINGSBURG WALLINGFORD	KY	41041
STEELE WILLIAM M & MELINDA E	7714 5796 0962	1830 BLACK DIAMOND ROAD	WALLINGFORD	KY	41093
CAUDILL SHARON D	7714 5740 6939	3149 BEECHTREE PK	WALLINGFORD	KY	41093
SCHWARTZ JASON	7714 5825 7091	1189 FOXPORT RD	WALLINGFORD	KY	41093
GRABER EMANUEL & ADA	7714 5826 4726	543A THOMAS LN	TOLLESBORO	KY	41189
ONES KIMBERLY & MARK LOWE	7714 5331 9209	205 SHADY BROOK DR	MT STERLING	KY	40353
LENGACHER JOSEPH & ARLENE & JACOB LENGACHER	7714 5709 1132	6961 MT CARMEL RD	FLEMINGSBURG	KY	41041
MACDONALD JOHN & JANET	7714 5829 3788	601 DOE RUN DR SUITE 3	MT STERLING	KY	40353
HUGHES MICHAEL A & HEATHER DAWN	7714 5830 7994	975 BREEZE RD	WALLINGFORD	KY	41093
NILLIAMS SCOTT A & BETTY S	7714 5831 6863	1556 BEECHBURG RD	WALLINGFORD	KY	41093
SALYERS DONALD E & MARIA	7714 5875 3321	1270 BEECHBURG RD	FLEMINGSBURG	KY	41041
JTTERBACK LYLE B & VICKIE	7714 5878 0998	2284 CARPENTER RD	WALLINGFORD	KY	41093
SCHWARTZ JONAS E & MARTHA	7714 5882 9640	131 SAUNDERS RD	WALLINGFORD	KY	41093
MINEER RUBY	7714 5703 7742	502 SAUNDERS RD	WALLINGFORD	KY	41093
Applegate, Charles T	7714 5893 9779	626 A Thomas Lane	Tollesboro	KY	41189
Burberry, Allen & Pam	7714 5896 4883	326 ROBERTS RD	Tollesboro	KY	41189
Davenport Robert, John, Joseph	7714 5900 1284	631 Portland Dr	Lexington	KY	40503
Applegate Lucille Estate	7714 5745 3761	178 Foxport RD	WALLINGFORD	KY	41093
SCHWARTZ EUGENE JR & CAROLYN	7714 5901 6817	938 MADDOX PIKE	FLEMINGSBURG	KY	41041
PENCER ROGER D & DIANE	7714 5902 5730	920 MADDOX PIKE	FLEMINGSBURG	KY	41041
MT CARMEL BIBLE FELLOWSHIP	7714 6697 5959	1061 CARPENTER RD	WALLINGFORD	KY	41093
AMAR JESSICA L	7714 6706 2387	488 MADDOX PIKE	FLEMINGSBURG	KY	41041
HILL MICHAEL TERRENCE & JANET R JACKSON	7714 5288 3476	380 MADDOX PIKE	FLEMINGSBURG	KY	41041
MORRIS ANGELA PERKINS	7714 6709 8790	84 MADDOX PIKE	FLEMINGSBURG	KY	41041
COLGAN WILLIAM A & GILBERTA	7714 6710 8474	1305 BEECH TREE RD	FLEMINGSBURG	KY	41041
MINEER DANNY W ESTATE ETALS	7714 6713 7242	8639 MT CARMEL RD	FLEMINGSBURG	KY	41041
APPLEGATE ASHLEY D	7714 6715 6914	1512 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
SPANN CHARLES A & NANCY A	7714 6716 6525	499 SAUNDERS RD	WALLINGFORD	KY	41093

MERS ELIZABETH JANE	7714 5712 5498	7108 MT CARMEL RD	FLEMINGSBURG	KY	41041
TOLLE JAMES A & CRYSTAL D	7714 6718 2153	7112 MT CARMEL RD	FLEMINGSBURG	KY	41041
PORTER RITA F	7714 6719 4000	256 MADDOX PIKE	FLEMINGSBURG	KY	41041
WILLIAMS SHIRLEY	7714 5743 2741	1833 BEECHBURG RD	WALLINGFORD	KY	41093
WILLIAMS CHRISTOPHER L & TINA G	7714 6720 9006	1659 BEECHBURG ROAD	WALLINGFORD	KY	41093
MARSHALL PHILLIP W & RENEE C	7714 5747 4417	852 CARPENTER RD	WALLINGFORD	KY	41093
SWIM RUSSELL D & MARILYN	7714 6722 3960	2234 CARPENTER RD	WALLINGFORD	KY	41093
LEWIS PAUL H TRUST PAUL H & MARGARET I TRUSTEES	7714 6722 9692	1718 MAGNOLIA DR	GREENWOOD	IN	46143
GRIMES MATTHEW L & ANGELA K	7714 6723 7565	530 HARN ROAD	FLEMINGSBURG	KY	41041
DOYLE JAMES DOUGLAS	7714 6724 3457	1201 WILLSON RUN	WALLINGFORD	KY	41093
GARDNER DIANNA DOYLE	7714 6724 9363	3112 BEECHTREE PIKE	WALLINGFORD	KY	41093
RIPATO ROBERT D & RHONDA R	7714 6725 8622	2090 CARPENTER ROAD	WALLINGFORD	KY	41093
WILLIAMS DANNY J	7714 6725 3918	309 OLIVER DR	WALLINGFORD	KY	41093
RIPATO ROBERT D & RHONDA R	7714 6725 3274	2090 CARPENTER ROAD	WALLINGFORD	KY	41093
LENGACHER JOSEPH & ARLENE & DANIEL EICHER & ELIZABETH LENGACHER	7714 6726 5977	6961 MT CARMEL RD	FLEMINGSBURG	KY	41041
DALES CONNOR & MATTISON MERS	7714 6727 1858	566 HESTER RIDGE RD	WALLINGFORD	KY	41093
MCCLEESE VANESSA K & CAVE RUN AREA HABITAT FOR HUMANITY	7714 6728 0896	149 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
MINEER KAREN S	7714 6728 4435	521 JM CLARY RD	FLEMINSBURG	KY	41041
GRIGSON DONALD & MINNE & THOMAS HAY ETALS	7714 6727 7764	357 SAUNDERS RD	WALLINGFORD	KY	41093
COBLENTZ PHILIP W AND SUSANNA	7714 6729 5031	380 BLACK DIAMOND RD	WALLINGFORD	KY	41093

U.S. Postal Service[™] CERTIFIED MAIL[®] RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFI	CIAL	USE
Certified Mail Fee		
s		
Extra Services & Fees (check box, a Return Receipt (hardcopy)	add fee as appropriate)	
Return Receipt (electronic)	\$	Postmark
Certified Mail Restricted Delivery	\$	Here
Adult Signature Required	\$	
Adult Signature Restricted Delivery	\$	
Postage		
S	1	
Total Pos		
\$		
Sent To Betty Lou	Ripato Estate	-
Street and P.O. Box	204	

Tollesboro, Kentucky 41189

0000

2410

7022

City, State

Certified Mail service provides the following benefits:

- A receipt (this portion of the Certified Mail label), for an electronic associate for as:

 A unique identifier for your mailpiece, associate for as:
 - Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service' for a specified period.

Important Reminders:

- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
- Certified Mail service is not available for International mail.
- Insurance coverage is not available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with
- certain Priority Mall items.

 For an additional fee, and with a proper endorsement on the mailplece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, Domestic Return Receipt; attach PS Form 3811 to your mailpiece;

for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

- Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
- Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
- Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office" for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailplece, apply appropriate postage, and deposit the mallplece.

IMPORTANT: Save this receipt for your records.

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

PS Form 3800, April 2015 PSN 7530-02-000-9047

무무	Domestic Mail Only	
23	For delivery information, visit our website at www.usps	s.com®.
	OFFICIAL US	E
9787	Certified Mail Fee \$	
	Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy)	
0000		mark ere
2470	Flowers Amber Gooding &	
7022	Sent To Jonathan Gooding Street: P.O. Box 64	
~	Flemingsburg, Kentucky 41041	

See neverse for instructions

the following benefits: Certified Mail service provides

- A receipt (this portion of the Certified Mail label). A unique identifier for your mailpiece.
- Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service" for a specified period.

Important Reminders:

- You may purchase Certified Mail service with First-Class Mail®, First-Class Package Service®, or Priority Mail® service.
- Certified Mail service is not available for international mail.
- Insurance coverage is not available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with
- certain Priority Mail items. For an additional fee, and with a proper endorsement on the mailpiece, you may request
 - the following services: - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, Domestic Return Receipt; attach PS Form 3811 to your mailpiece;

for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

- Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent. - Adult signature service, which requires the
 - signee to be at least 21 years of age (not available at retail).
- Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail),
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark, If you would like a postmark on this Certified Mail receipt, please present your Certified Mail Item at a Post Office™ for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

IMPORTANT: Save this receipt for your records.

COMMUNITY

SENATOR STEPHEN WEST'S LEGISLATIVE U

During the General Assembly's fifth week of the 30-day legisla-tive session, March came in like a lion, with over 30 bills clearing the Senate chamber. However, the legislative fore-cast is not calling for March to go out like a lamb, as plenty of work remains in Frankfort before the final day of session on

final day of session on March 30.

The following bills gained the Senate's approval and can now be considered by the state House of Representatives:

Senate Bill 4

Senate bellectric

strengthens electric grid reliability in the commonwealth and ensures Kentucky residents are not faced with the dangerous and often deadly consequences of power outages. If enacted, it would prohibit the Kentucky Public Service Commission (PSC) from retiring an electric coal-fired generator unless the utility can strengthens electric coal-fired generator unless the utility can demonstrate that taking the fossil fueled Electric generator of-fline will:

Not harm the reliability or the re-silience of the electric

 Not negatively impact the affordability of customers' elec-

ity of customers' elec-tricity utility rates; and Ensure safety.

The bill will re-quire PSC to submit an annual report by December 1 to the Legislative Research Commission on retir-ing electric generating electric generating units. Since the measure carries an emergency designation, it would go into effect immediately upon filing with the Kentucky Secretary of State's Office.

Senate Bill 29 establishes eligibility criteria for Medicaid managed care organizations (MCOs) and limits the number of ing electric generat-

nizations (MCOs) and limits the number of MCOs contracted by the Kentucky Depart-ment for Medicaid Services to no more

than three.
Senate Bill 43 is a Senate Bill 43 is a measure to ensure we are considering the holistic good of loved ones in residential facilities. During COVID-19, families were closed off from those they loved, and sadly some residents

in nursing homes passed away without the comfort of a loved one beside them. The General Assembly corrected this during last year's legislative session. Still, this bill session. Still, this bill expands exemptions for essential personal care visitors from prohibitions relating to visiting a resident in a community, health facility, mental hospital, or those receiving home or community. ing home or community-based Medicaid waiver services. The bill also exempts essential personal care visitors from visita-tion prohibitions dur-ing infectious disease outbreaks in com-munities mentioned munities mentioned above, regardless of their communicable disease status. Senate Bill 43 carries an emergency designation, which means it would go into effect immediately upon filing with the Kentucky Secretary of State's Office.
Senate Bill 104

Senate Bill 104 maintains five guber-natorial-appointed members but prohib-its the appointment of individuals employed individuals employed by the executive branch within one year of their appoint-ment and no more than two. If enacted, the bill would expire current membership but allows the gover-nor to reappoint any but allows the governor to reappoint any
member meeting the
act's requirements.
Finally, it designates
the president of the
Council on Postsecondary Education
as a non-voting authority member, but
terminable upon the
president's transfer
or departure from the
role.
Senate Bill 122 reminable upon the oresident's transfer the original jurisdiction to transfer the action. Senate Bill 129 would define terms and establish limita-

NOW HIRING!!

WESTERN FLEMING COUNTY WATER DISTRICT HAS AN IMMEDIATE OPENING FOR A WATER TREATMENT PLANT OPERATOR

CLASS LI, II OR IV CERTIFICATION PREFERRED, BUT NOT REQUIRED PAY WILL BE BASED UPON QUALIFICATIONS AND OR EXPERIENCE Do you have a two year or four year degree in Sciences??? If so, you can be fast tracked into becoming a Licensed water Treatment Plant Operator.

ants must have a high school diploma or equivalent (GED). No previous experience is required for trainee class. Must be willing to work all shifts, no nights and weekends.

gives the General Assembly and Legislative Research Commission (LRC) control over all space in the Capitol Annex building except for certain identified areas. It identified areas. It grants LRC access to all Annex parking spaces, except spaces reserved for the lieutenant governor's office, the Supreme Court of Kentucky, the attorney general and the secretary and the secretary of state. The bill re-quires the Finance Cabinet to enter into a memorandum of understanding with LRC by February 1, 2024, and every two years to establish tenancy terms, including ancy terms, including maintenance, janito-rial services, and fa-cility security. The measure would allow LRC to enter into a separate contract for janitorial services, resulting in a propor-tional reduction in tional reduction rent and utility costs paid. Senate Bill 126 is a

Senate Bill 126 is a clean-up measure to 2021's House Bill 3, which relates to ju-risdiction for consti-tutional challenges to state law, regulations, executive orders, and certain cabinets and departments. The bill would allow a plaintiff or defendant to have one change of venue in cases challenging constitutionality. A case transfer notice is automatic and is ac-complished by the Supreme Court of Ken-tucky clerk through random selection of a different judicial cir-cuit and order to the

tions on using automated license plate cameras to protect Kentucky residents' data. Entities, as defined in the act, may only retain license plate data for 90 days, except when the data plate data for 90 days, except when the data is being used as evi-dence in a criminal prosecution or ad-ministrative invesministrative investigation, has become subject to a subpoena, or for bridge toll collection activities through the request of the Kentucky Transportation Cabinet. The bill prohibits any recorded images or data captured by an ALPR from being sold for any purpose and any entity from making the data available ing the data available except to law enforce-ment officers or agencies in response to a subpoena.

Automated license plate reader cameras have been deployed in numerous Kentucky communities. No statewide regulations exist on these cameras' storage and operation. According to the National Conference of State Legislatures, at least 16 states have at least 16 states have laws addressing the use of these cameras or retention of data. This bill provides a framework for data storage and uses that these cameras collect. Senate Bill 144 would amend the statute related to the Kentucky Battlefield Preservation fund. It would require a pri-

vate nonprofit organization seeking grant funding from the Kentucky Battlefield Trust fund to provide matching funds from any non-state, a dollar-for-dollar basis for Civil War sites and lar-for-dollar basis for Civil War sites, and \$1 for every \$3 from the account of Revo-lutionary War sites. The bill also prevents grants from the fund from exceeding 50 percent of the land, or permanent protective interests appraised

out the state historic preservation officer's

approval.
Watch live legisla tive activity at KET. org/legislature. You can also track the status of other legislation by calling 866-840-2835, legislative meeting information at 800-633-9650, or leaving a message for lawmakers at 800-372-7181.

PUBLIC NOTICE

HUMMINGBIRD ENERGY LLC is proposing to develop and construct an approximately 200-megawatt solar electric generating and battery-ergy storage facility to be located on Carpenter Road in Fleming County Kentucky. The public is invited to learn more about the Project through the Project website and an in-person public information meeting. The Project website includes information about the size and location of the proposed Project and the anticipated economic impact. The website can be accessed at https://recurrentenergy.com/project/ hummingbird/. Additionally, you may email questions to Humming-bird/everurentenersev.com.

d@recurrentenergy.com. public information meeting will be held to provide information abou Project, with Project representatives available to answer questions the Project, with Project representatives available to answer questions from the community. The public meeting will be held on March 23, 2023 from 3 PM to 7 PM, at the Mount Carmel Fire Department (144 Foxport Rd, Wallingford, KY 41093).

Published in the Flemingsburg Gazette 03.08.23

ADVERTISEMENT FOR BIDS

WESTERN FLEMING COUNTY WATER DISTRICT IS ACCEPTING SEALED BIDS FOR THE SALE OF A 2.500 GALLON WATER TANK AND A 750 GALLON

TANKS MAY BE VIEWED AT 5846 ABNERS MILL ROAD, EWING, KY 41039

ALL BIDS MUST CONTAIN CONTACT INFORMATION AND MUST BE RECEIVED ON OR BEFORE 5:00 P.M. ON MARCH 16, 2023, ANY BIDS AFTER THAT TIME WILL NOT BE CONSIDERED.

THE OPENING OF THE BIDS SHALL TAKE PLACE THE WESTERN FLEMING COUNTY WATER DISTRICT BOARD MEETING TO BE HELD MARCH 16, 2023 AT 6:00 PM. THE BOARD WILL AWARD THE BID AT THAT MEETING. THE PERSON AWARDED THE BID WILL HAVE A TIME FRAME FOR PICKUE

AUCTION

SATURDAY, MARCH 11TH 10AM 7327 MT CARMEL ROAD. **FLEMINGSBURG, KY 41041** LIVE IN PERSON

KEVIN BOLING AUCTIONEER















Saturday, March 11TH starting at 10AM We will be having a live-in person auction at our new auction facility located at 7327 Mt Carmel Road Flemingsburg, KY. 41041 consisting of antiques, collectibles, furniture and much more!! Keep watching for photos while we get ready for this auction. For photos go to www.Auctionzip.com user ID 20528

Call Kevin at 606-748-2696 with any questions or to consign.

The MT Carmel volunteer Fire Dept will be serving concessions. NOT RESPONSIBLE FOR ACCIDENTS ALL ITEMS SOLD AS-IS

Find the Shamrock

Try your luck at finding a shamrock within our paper. If you find it, turn in the form below to our office or mail to P.O. Box 32, Flemingsburg, KY 41041.

Submit your form by March 14th. Drawing will be March 15.

You could win a bucket of gold!

* Disclaimer: "Gold" is various mystery items hand picked by our office staff. No real gold included but we hope you'll still feel lucky!



Name:
Phone No:
Where you found the Shamrock:



HUMMINGBIRD PROJECT DETAILS





Project Timeline*									
2019-2022	2020-2022	2021-2022	2023-2024	2024-2025					
Desktop Siting and Environmental Diligence	Site Control	Community Engagement and State Permitting	Construction	Commercial Operation					

Project Details								
Maximum Capacity	Up to 200MWac							
Homes Powered	Up to 35,000							
O Acreage"	3,905 acres under option / 2,353 available acres to be utilized Current project design requires 2,106 acres for infrastructure							
Peak Construction Jobs	Up to 300							

Contact Us

859.694.2777

Hummingbird@recurrentenergy.com

*Project schedule subject to change based on market conditions; **Project acreage subject to change based on landowner partnerships

WHAT TO EXPECT DURING OPERATIONS AND DECOMMISSONING



The Hummingbird Solar Project

Operations

- Operating solar projects are low maintenance.
 A small team of up to 5 operations and maintenance (0&M) professionals will keep the project running at its optimal output.
- Daily activities for this staff include visual inspections, preventative care, ground maintenance, and coordinating repairs as needed.
- After construction, the site is reseeded with vegetation to stabilize the soil.
- The 0&M staff will mow vegetation regularly control weeds and pests, as necessary.
- Because of local rain patterns, regular washing
 of panels is not anticipated but will occur as
 needed. A water source other than the local
 groundwater will be used. No solvents or
 cleaning agents are used in the washing process.

Decommissioning

The Hummingbird Solar Project has an expected lifespan of approximately 40 years. At the end of a project's lifespan, the project can be repowered or decommissioned.

Decommissioning typically requires 12 months.

To repower a project, the project owner would need to work with Fleming County and the state of Kentucky to complete studies and obtain permits to continue operation.

If a project is decommissioned, this would occur pursuant to an established decommissioning plan. Counties often require utility-scale solar projects like Hummingbird to have a pre-approved decommissioning plan prior to the commencement of construction.

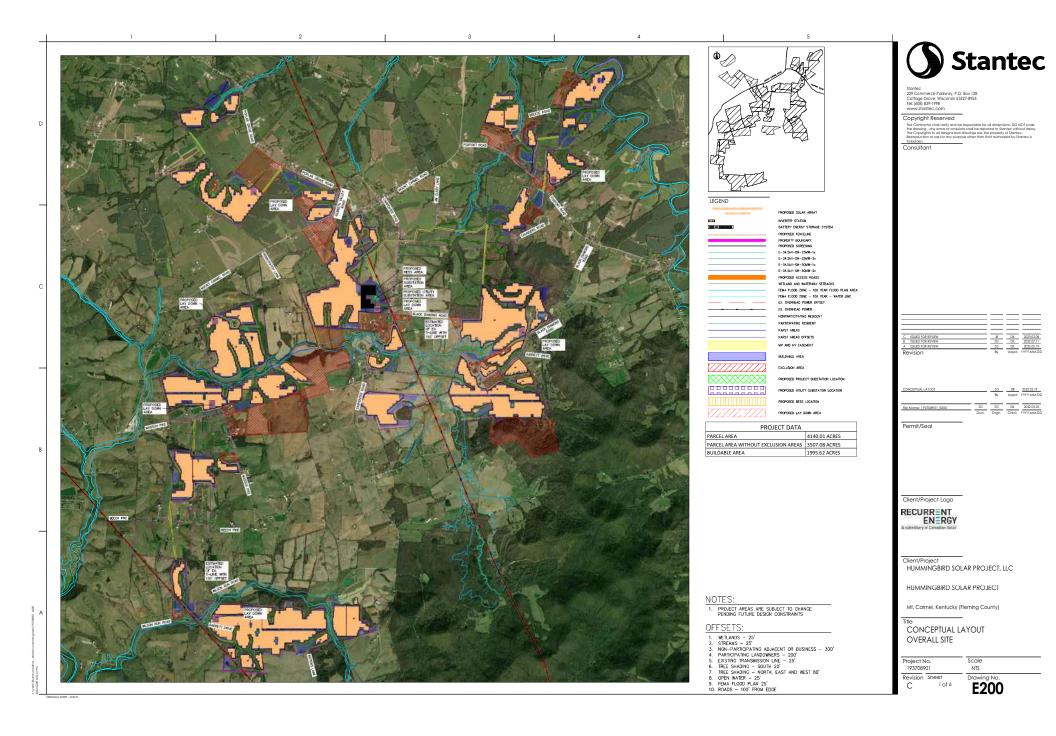
Decommissioning would typically occur at the end of the project's useful life, but it could occur earlier if the project is prematurely discontinued or if the County or State determines the project to be unsafe.

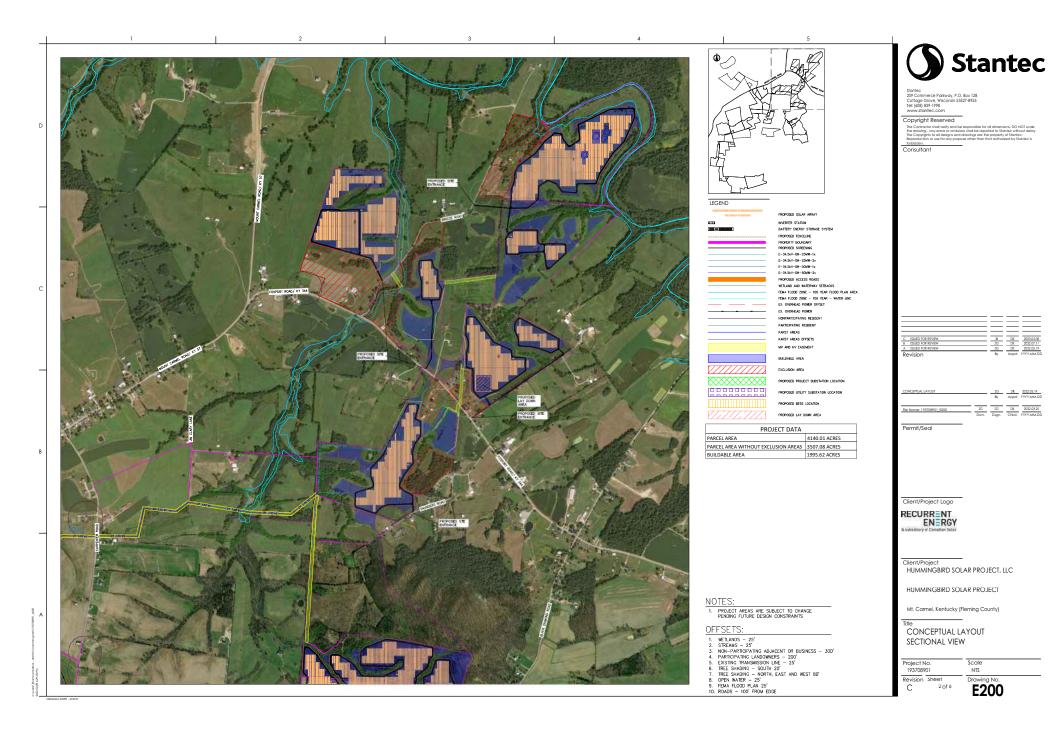
Decommissioning Includes:

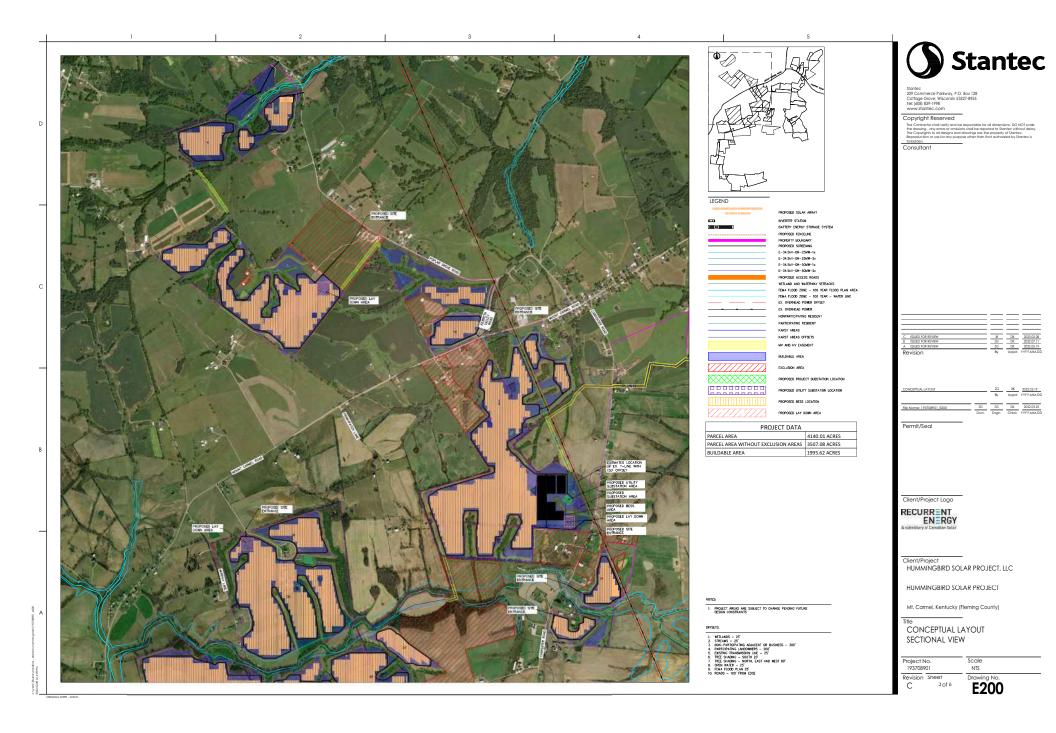
- Removal and disposal of all project equipment as required by the applicable code
- Removal of all graveled areas, access roads, and fencing (unless otherwise requested by landowner to remain in place)
- Grading and reseeding of disturbed earth (unless landowner requests that areas not be revegetated)

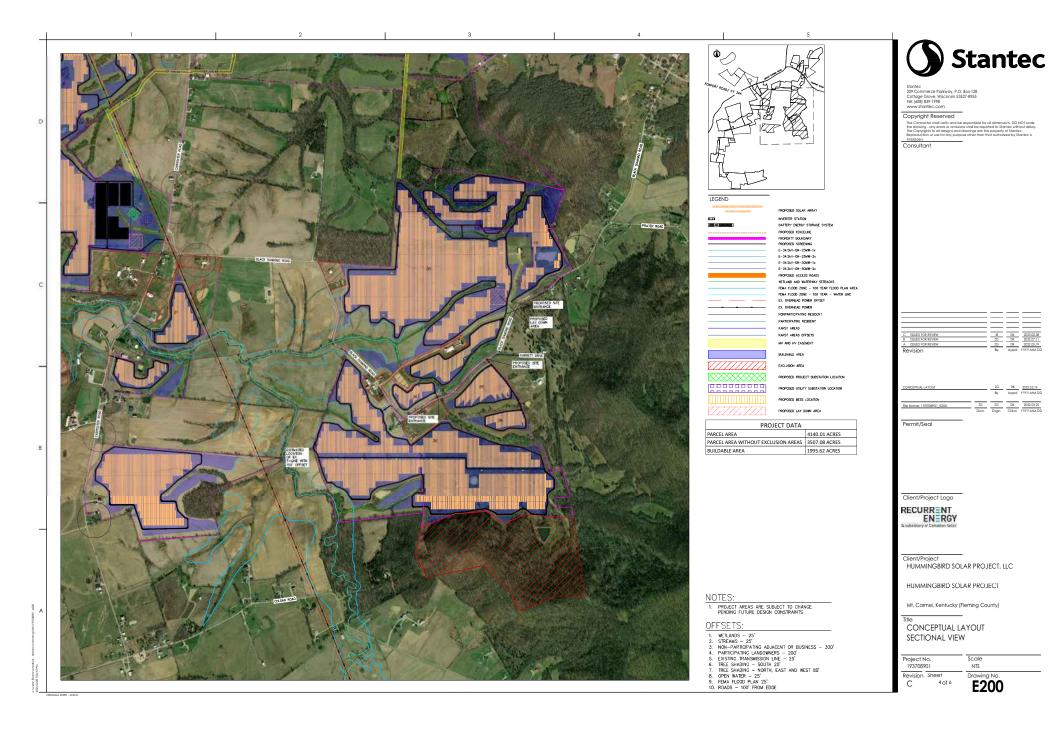
Taxpayer dollars will not be used towards the decommissioning of the solar project.

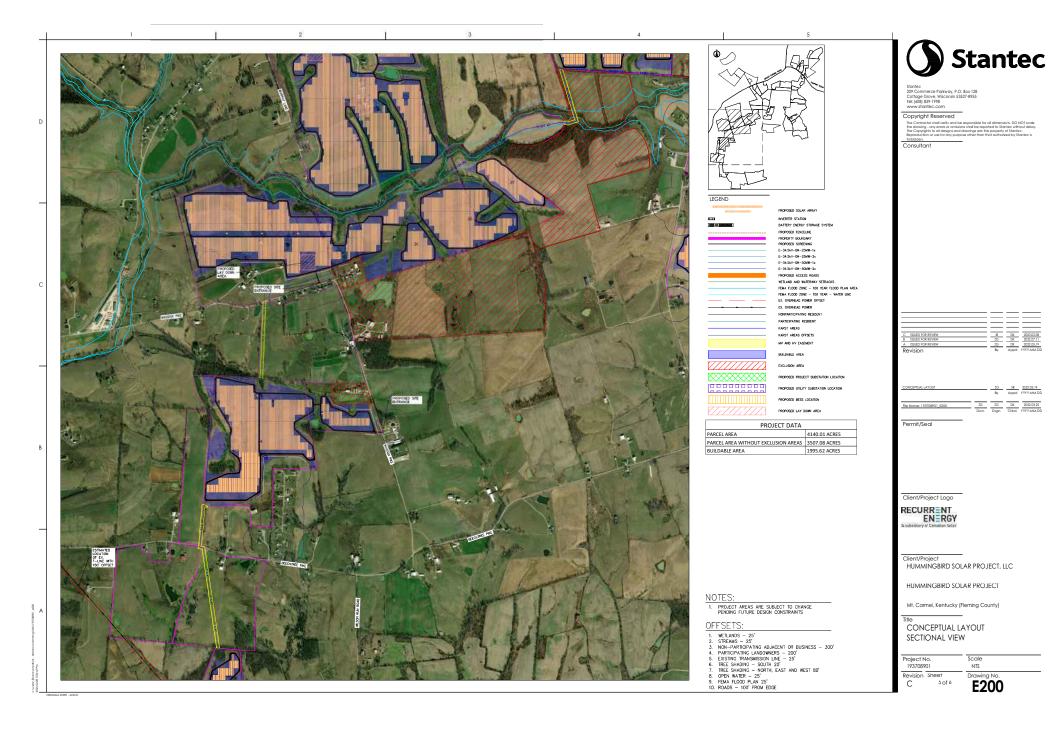
The project must set aside funds that will be available throughout the life of the project in the event of a decommissioning.

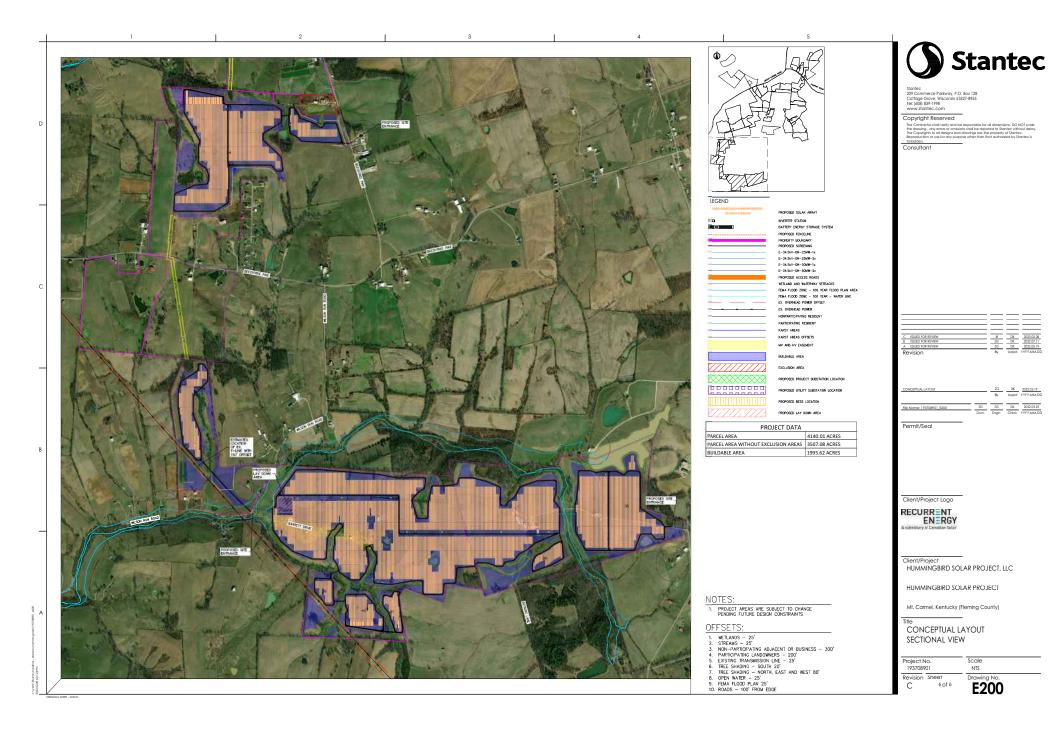














QUESTIONS & COMMENTSHUMMINGBIRD SOLAR PROJECT

We Want Your Feedback!

	I have the following q	uestions about the Hummingbir	d solar project:
•	I have the following c	omments about the Hummingbi	rd solar project:
•	If you would like us to	o contact you, please leave your	contact information:
Na	ime:	Email:	Phone:
Ma	ailing Address:		

CONSTRUCTION





Please Sign Up to be Informed of Job Openings on the Project



olar project.	Mailing Address							
about hiring efforts on the Hummingbird solar project.	Email Address							
otified about hiring eff	Phone Number							
Sign up to be notified	Last Name							
	First Name	•						

1 1 1 1 2 1 3 1 3 1 3 1 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5 3 1 5
- Kingine Loglan 170 Black Distuced Wolling Xy 41093
Edich hered borger 971 Forport 18. Walkingland, Ky. 41093
Tom SKAggs 6582 Mt. CARMel Rd. Flowingsburg, Ky 41041
Kever H Church & Bosez Rosez Rd Wallytold Ky 41893
the sale man and all the sale
I to My E bor 490 Kendall In Fermingoloung, My 41841
Jane Meus 7108 my Curred Rd 7 buy diods
DON MORS Thosal Come 1 the Heningsburg 41041
Eric + Wilson Corporater (606) 849-3188
Walle Meddout 606 84920 de madous a shothad
Englise Hollie 606 748-1807 395 foxport Rd
11/10-065-LIE 51MAT AWILL
Llaw Esh & 666-845-9399 None 1496 Corporter Rd
Den Schwart 849-2134 CODOMAN 8450hot mad com Mathy Pake
- Chad Mwtin 713-203-9141 Chada-muting starterion -
First Name Last Name Phone Number Email Address Mailing Address
Hummingbird Solar Project Open House



98 San Jacinto Blvd. STE 750 415.675.1500 (p) Austin, TX 78701

415.675.1501 (f)

June 15, 2023

RE: Hummingbird Solar Project Notice of Application

Dear Neighbor,

Hummingbird Energy LLC is proposing to develop and construct an approximately 200 megawatt solar electric generating facility and nonregulated electric transmission line to be located in Fleming County, Kentucky. The proposed solar project will be situated on approximately 4,141 acres of land, with an address of 1423 Carpenter Road, Wallingford, KY 41093. The project will consist of photovoltaic panels and their associated racking systems, inverters, collection system, transmission line, project substation and other project equipment. The project transmission line will be located entirely within the project's footprint.

Hummingbird Energy LLC is required to file an application with the Kentucky State Board on Electric Generation and Transmission Siting ("Board") to obtain a certificate of construction for the proposed electric generating facility and transmission line. This filing will occur in the coming weeks. This proposed construction is subject to approval by the Board, which can be reached at P.O. Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602-0615, or via phone at (502) 564-3940.

A person who wishes to become a party to a proceeding before the Board may, by written motion filed no later than thirty (30) days after the application has been submitted, request leave to intervene. A party may, upon written motion filed no later than thirty (30) days after an application has been filed, request the Board to schedule an evidentiary hearing at the offices of the Public Service Commission. A request for a local public hearing or local public information meeting shall be made by at least three (3) interested persons who reside in the county in which the plant or transmission line is proposed to be located. The request shall be made in writing and shall be filed within thirty (30) days following the filing of a completed application.

Please feel free to contact us if you have any questions.

Jayce Walker

Manager, Development

Phone: (859) 694 2777

Email: Hummingbird@RecurrentEnergy.com Company Website: www.recurrentenergy.com

Project Website: recurrentenergy.com/project/hummingbird

Name	Tracking Numbers	Owner Address	City	State	Zip
GALBREATH MELODYE & BRADLEY & JAMES	7724 2318 2389	886 WOOLEY RD	FLEMINGSBURG	KY	4104
SPENCER ROGER D & DIANE	7724 2321 2205	920 MADDOX PIKE	FLEMINGSBURG	KY	4104
ESH LEON D & NANCY Z	7724 2322 6360	1199 CARPENTER RD	WALLINGFORD	KY	4109
HARVEY JOSEPH	7724 2317 3053	2111 WILSON RUN RD	WALLINGFORD	KY	4104
COBLENTZ TIMOTHY & DEBORAH Y	7724 2324 4211	1591 MADDOX PIKE	FLEMINGSBURG	KY	4104
PEACHEY BEN & JUDY	7724 3712 4327	1175 MADDOX PIKE	FLEMINGSBURG	KY	4104
BUTTS KALVIN R	7724 2327 1260	1630 BEECHTREE PIKE	FLEMINGSBURG	KY	4104
TRIPLE A FARM OF FLEMING COUNTY INC	7724 2336 1673	1594 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
REID JASON A & SHAUNA	7724 2337 5084	1380 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
REID ANTHONY K & PATRICIA	7724 2338 8614	1296 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
REID EILEEN HEIRS & GARNETTA REID	7724 2341 8275	1230 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
JOHNSON JON H	7724 2344 0027	225 AUTUMN RIDGE RD	FLEMINGSBURG	KY	4104
REEDER WILLIAM KEITH ETALS & CHERYL SOWDER	7724 3456 5800	811 WHIRLAWAY CIRCLE	KNOXVILLE	TN	3792
CONRAD ELIZABETH J ESTATE	7724 3457 6602	5764 MT CARMEL RD	FLEMINGSBURG	KY	4104
LENGACHER WILL & MARY	7724 3458 6496	2297 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
GRABER MARCUS & SUSAN	7724 3450 6157	112 HARN RD	FLEMINGSBURG	KY	4104
SCOTT RODNEY EUGENE	7724 3460 5532	2045 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
SCHWARTZ DANIEL & MARK & MARY MILLER	7724 3462 1664	697 MURRAY LANE	FLEMINGSBURG	KY	4104
REEDER KEITH	7724 3463 7457	7107 MT GILEAD RD	MAYSVILLE	KY	4105
LINDBERG DAVID J	7724 3468 4316	456 MADDOX PIKE	FLEMINGSBURG	KY	4104
HILL MICHAEL TERRENCE	7724 3469 7382	380 MADDOX PIKE	FLEMINGSBURG	KY	4104
PRATER ROBERT E & KIM	7724 3471 0534	2229 BEECHBURG RD	WALLINGFORD	KY	4109
HILL MICHAEL & BARBARA L	7724 3472 2940	1184 MADDOX PIKE	FLEMINGSBURG	KY	4104
COX AMANDA LACHELLE	7724 3485 6171	808 MADDOX PIKE	FLEMINGSBURG	KY	4104
ARTHUR RUSSELL F & MARJORIE	7724 3489 0762	960 MADDOX PIKE	FLEMINGSBURG	KY	4104
UTTERBACK WILLA	7724 3490 3549	5430 MT CARMEL RD	FLEMINGSBURG	KY	4104
PEACHEY BEN & JUDY	7724 3491 9331	1175 MADDOX PIKE	FLEMINGSBURG	KY	4104
DILLON JAMES BROOKS ESTATE	7724 3492 9940	584 MURPHY LANE	FLEMINGSBURG	KY	4104
STRODE GLORIA JEAN & BRUCE WAYNE	7724 3494 6346	4699 MT CARMEL ROAD	FLEMINGSBURG	KY	4104
MAZELIN JACOB C	7724 3497 2480	2148 WILSON RUN RD	WALLINGFORD	KY	4109
WILLS CHARLES R	7724 3502 8820	2348 WILSON RUN RD	WALLINGFORD	KY	4103
BEDORE RITA SCURRY & GREGORY G	7724 3507 6226	1622 WILSON RUN RD	WALLINGFORD	KY	4103
IONES KIMBERLY D	7724 3510 0588	205 SHADY BROOK LANE	MT STERLING	KY	4035
BORDERS TERRY JOE & PAMELA SUE RICHARDS	7724 3510 0588	6350 BLOSSOM PARK DR	WEST CARROLLTON	OH	4544
IONES KIMBERLY D	7724 3542 6174	205 SHADY BROOK LANE	MT STERLING	KY	4035
		P O BOX 64		KY	4104
FLOWERS AMBER GOODING & JONATHAN GOODING	7022 2410 0000 9787 1789		FLEMINGSBURG		
HIMES HAROLD D & WANDA	7724 3545 9062	3779 WALLINGFORD RD	FLEMINGSBURG	KY	4104
DOYLE HAZEL L ESTATE	7724 3550 2592	1319 WILSON RUN RD	WALLINGFORD	KY KY	4109
MITCHELL JASON B	7724 3552 5527	10382 ELIZAVILLE RD	EWING		4103
SMITH KELLEY & LESLIE LITZLER & C./O KENNETH & MARILYN DEARING	7724 3571 5922	1506 BEECHTREE PK	FLEMINGSBURG	KY	4104
APPLEGATE VERA LUCILLE ESTATE & TIMOTHY RAY APPLEGATE	7724 3573 0290	178 FOXPORT RD	WALLINGFORD	KY	4109
SKAGGS EULA G	7724 3574 0864	971 FOXPORT RD	WALLINGFORD	KY	4109
MAY JULIUS R & RAMONA	7724 3575 9520	875 FOXPORT RD	WALLINGFORD	KY	4109
SCHWARTZ JOHN R & ESTHER I	7724 3577 1120	1033 FOXPORT ROAD	WALLINGFORD	KY	4109
NEW DIRECTION IRA INC & FBO MICHAEL MINEER IRA	7724 3578 1393	1070 W CENTURY DR STE 101	LOUISVILLE	СО	8002
RAWLINGS JAMES T & BUFFEY W	7724 3578 8479	1988 POPLAR GROVE ROAD	FLEMINGSBURG	KY	4104
MCDOWELL BOBBY & DONNA	7724 3579 9903	2124 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
MASON MELISSA	7724 3580 7560	2100 POPLAR GROVE ROAD	FLEMINGSBURG	KY	4104
MASON RONALD JOE	7724 3581 6586	2062 POPLAR GROVE RD	FLEMINGSBURG	KY	4104
VAUGHN HARRY L & JOHN CODY VAUGHN	7724 3582 3625	164 FARROWS CREEK RD	FLEMINGSBURG	KY	4104
MILLER ROSCOE NOLAN ESTATE & ANDREW WOODSON GRAHAM	7724 3583 3247	574 LAKESIDE DRIVE	FLEMINGSBURG	KY	4104
MERS KENNETH C & NANCIE HOPE	7724 3584 4233	338 SAUNDERS RD	WALLINGFORD	KY	4109
MINEER RUBY	7724 3758 3691	502 SAUNDERS RD	WALLINGFORD	KY	4109
SMITH LARRY & DONNA	7724 3586 1913	42 PRATER RD	WALLINGFORD	KY	4109

BECKETT BILL & MONA C	7724 3586 9888	1031 FOXPORT RD	WALLINGFORD	KY	41093
SCHWARTZ JONATHON & MARY	7724 3587 9580	1037 FOXPORT RD	WALLINGFORD	KY	41093
LENGACHER JOSEPH E & ARLENE E & AMOS J & MARY E GRABER	7724 3590 0410	6961 MT CARMEL ROAD	FLEMINGSBURG	KY	41041
KEARNS CANDACE N & ERIC L	7724 3595 1639	168 TAYLOR MILL RD	FLEMINGSBURG	KY	41041
CRUMP RICKY R & LISA M	7724 3596 3080	2489 CARPENTER RD	WALLINGFORD	KY	41093
MERS ELIZABETH JANE	7724 3597 2122	7108 MT CARMEL RD	FLEMINGSBURG	KY	41041
GRIFFITH SHERRI	7724 3597 9057	313 TRI COUNTY RD	SEAMON	OH	45679
ESH DANIEL B & CAROLINE	7724 3598 9790	1496 CARPENTER RD	WALLINGFORD	KY	41093
KEGLEY ELWOOD H	7724 3600 0526	1558 CARPENTER RD	WALLINGFORD	KY	41093
KEGLEY JIMMIE D & GERALDINE V	7724 3601 1604	170 BLACK DIAMOND RD	WALLINGFORD	KY	41093
CAUDILL SHARON D	7724 3602 4821	3149 BEECHTREE PK	WALLINGFORD	KY	41093
RATLIFF JACOB & LELA	7724 3603 1823	235 FOXPORT RD	WALLINGFORD	KY	41093
WILLIAMS SHIRLEY	7724 3604 3356	1833 BEECHBURG RD	WALLINGFORD	KY	41093
MINEER RUBY	7724 3585 3190	502 SAUNDERS RD	WALLINGFORD	KY	41093
APPLEGATE VERA LUCILLE ESTATE	7724 3606 2969	178 FOXPORT RD	WALLINGFORD	KY	41093
CONN JOSHUA CODY & JENNIFER GRAY	7724 3607 4193	742 FOXPORT RD	WALLINGFORD	KY	41093
SUAREZ ANTHONY & ADA RUTH	7724 3608 3408	7990 MT CARMEL RD	FLEMINGSBURG	KY	41041
MARSHALL PHILLIP W & RENEE C	7724 3610 2532	852 CARPENTER RD	WALLINGFORD	KY	41093
MCKISSON DOUGLAS & KIM	7724 3611 4672	1375 CARPENTER RD	WALLINGFORD	KY	41093
HELMUTH ERNEST E & VIRGINIA	7724 3612 1825	1317 CARPENTER RD	WALLINGFORD	KY	41093
FEARIN STEPHEN G & BRANDON & ASHLEY POLLITT	7724 3612 9150	1983 BEECHBURG RD	WALLINGFORD	KY	41093
GARDNER DWIGHT M & SHERRI L	7724 3614 0912	526 CARPENTER RD	WALLINGFORD	KY	41093
MARSHALL CHARLES R	7724 3629 3584	994 CARPENTER ROAD	WALLINGFORD	KY	41093
MARSHALL CHARLES R & PHILLIP W	7724 3630 1770	994 CARPENTER RD	WALLINGFORD	KY	41093
MARSHALL CHARLES R	7724 3630 9451	994 CARPENTER ROAD	WALLINGFORD	KY	41093
ROLPH FAMILY CEMETERY	7724 3633 6293	R 1	WALLINGFORD	KY	41093
REEDER KEITH	7724 3634 9455	7107 MT GILEAD RD	MAYSVILLE	KY	41056
HUMPHRIES STEVEN W & SHARON	7724 3743 4532	1052 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
LOWE DUANE R	7724 3637 3725	552 LAKESIDE DR	FLEMINGSBURG	KY	41041
EARLS WENDELL LANE & JUDY L & ERIC T EARLS	7724 3638 4630	864 MADDOX PIKE	FLEMINGSBURG	KY	41041
WHITE SAMUEL D & DEBRA	7724 3646 2937	8778 MT CARMEL ROAD	FLEMINGSBURG	KY	41041
CAUDILL SHARON D	7724 3647 0497	3149 BEECHTREE PK	WALLINGFORD	KY	41041
NORTON MICHAEL D & SARAH	7724 3647 0497	1131 CARPENTER RD	WALLINGFORD	KY	41093
DOYLE WILLIAM H & DAISY	7724 3648 9598	2844 BLACK DIAMOND RD		KY	41093
APPLEGATE FREDDY ESTATE		695 FOXPORT RD	WALLINGFORD	KY	41093
	7724 3649 6821		WALLINGFORD		
STRAUSBAUGH ROBERT & GINGER	7724 3650 5885	1608 MOCKINGBIRD HILL	FLEMINGSBURG	KY	41041
BREWER SHIRLEY ESTATE	7724 3714 0643	1412 MADDOX PIKE	FLEMINGSBURG	KY	41041
JODOIN DANIEL & AMY	7724 3652 5567	1460 COLGAN RD	WALLINGFORD	KY	41093
PALMER ROBERT TIM & PAULA	7724 3653 3484	164 SAUNDERS RD	WALLINGFORD	KY	41093
PALMER ROBERT TIM & PAULA	7724 3653 8394	164 SAUNDERS RD	WALLINGFORD	KY	41093
CAUDILL HELEN L	7724 3655 9290	1151 BLACK DIAMOND RD	WALLINGFORD	KY	41093
WILLIAMSON MELISSA C & SHARON G YOUNG	7724 3657 2426	1813 WILSON RUN RD	WALLINGFORD	KY	41093
MIK LEE ANN	7724 3658 0825	1240 CARPENTER RD	WALLINGFORD	KY	41093
LUNSFORD ROBERT WAYNE	7724 3658 8907	1957 WILSON RUN RD	WALLINGFORD	KY	41093
MEADOWS RANDALL & WILLA L	7724 3711 0949	785 FOXPORT RD	WALLINGFORD	KY	41093
MEADOWS RANDALL & WILLA L	7724 3711 7141	785 FOXPORT RD	WALLINGFORD	KY	41093
PEACHEY BEN & JUDY	7724 2325 5252	1175 MADDOX PIKE	FLEMINGSBURG	KY	41041
RUCKER EMMALEN N	7724 3713 4122	2313 CARPENTER ROAD	WALLINGFORD	KY	41093
FEARIN CATHY	7724 3651 3427	1412 MADDOX PIKE	FLEMINGSBURG	KY	41041
WILLIAMS SHIRLEY	7724 3778 7784	1833 BEECHBURG RD	WALLINGFORD	KY	41093
GRAHAM ALBERT W & CYNTHIA A	7724 3715 4227	574 LAKESIDE DRIVE	FLEMINGSBURG	KY	41041
LUNSFORD CHARLES & JENNIFER	7724 3716 1608	376 ASHLEY ST	FLEMINGSBURG	KY	41041
SCHWARTZ SAM & ANNA MAE	7724 3717 0060	1111 COLGAN ROAD	WALLINGFORD	KY	41093
MARSHALL PHILLIP W & RENEE C	7724 3780 6279	852 CARPENTER RD	WALLINGFORD	KY	41093
SALYERS DONALD E & MARIA	7724 3752 6261	1270 BEECHBURG RD	FLEMINGSBURG	KY	41041

MARNDUM PERMY AR STREEL (1999) 774 \$772 \$785 93 M REFLES SPRINKES PRINKES PRINKE	WILLIAMS KIALE BRETT	77243 719 3371	169 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
DALASS ASPILLY 7724 374 GAN9 270 ELECT SPRINGED RE FLEMINGSURGE KY 41041	-					
SOURCE STREWELL 17724 3275 325 16.95 SECTION PRINCE DIRING NY 4.091						
UTILISANCE DAVIDLE A MINARDAN 1724 1772 2839 1838 BLACK REMORD DO MALINGTOD N (* 1007) 1875 STACK REMORD TO MALINGTOD N (* 1007) 1875 STACK REMORD N (* 1007)						
SARRET ITHERSEAL 7724 3773 1399 1880 BLACK DIAMONDS DO MALINGRODD IN 4 10075 DIAMONDS DO CALFORNIA IN 4 10075 DOSGE CHARLES 7724 3772 7800 7726 7727 7800 7726 PATE OF THE PRIVATE READY OF THE PRIVAT						
TUNNER GAMY LECTINNA GAMY LECTINNA BIANIE 7724 3727 3880 1375 FRACTIGOUR BIO CAUFORNIA IY 41014 1015 FRACTION BIANIE 7724 3727 3955 7273 MIT CAUBINESUING IY 41014 1015 FRACTION BIANIE RESIDENCE FRACTION BIANIE IY 41014 1015 FRACTION BIANIE IY 410					KY	
SOBRE CHARLES 7724 3727 5955 7170 MT CAMMER RD FLAMMSSURG Y 41091						
INCLESSON TAMOTHY N	SOSBE CHARLES		7170 MT CARMEL RD		KY	
COMILION SA CAMOACE D						
COMILION & CAMIDACE D	SOUDER KENNETH A & CHERYL B	7724 3729 2540	68 SOUDER LANE	FLEMINGSBURG	KY	41041
THERMACK DAVIDLE 7724 3731 3564 1845 RECUTHER PIKE FLEMINGSBURG NY 41041	CONN LOUIS & CANDACE D	7724 3729 8001	343 BEECH SPRINGS DR		KY	41041
UTHERACK DAVIDL	GILLIAM ZACHARY R & BRITTANY	7724 3730 3276	410 MURPHY LN	FLEMINGSBURG	KY	41041
STAC PICCE 1772 8732 5027 197 RECCI SPRINSS DAVE FLEMINSSBURG KY 41041 1724 8733 49476 2328 AURA SOVER DE FLEMINSSBURG KY 41041 1724 8733 49476 2328 AURA SOVER DE FLEMINSSBURG KY 41041 1724 8734 8474 1724 8735 8524 767 RECIBURG ROAD FLEMINSSBURG KY 41041 1724 87474 8524 767 RECIBURG ROAD FLEMINSSBURG KY 41041 1724 87474 8524 767 RECIBURG ROAD FLEMINSSBURG KY 41041 1724 87474 8524 767 RECIBURG ROAD FLEMINSSBURG KY 41041 1724 87474 87475 8524 767 RECIBURG ROAD TOLISOROO KY 41188 767 RECIBURG ROAD TOLISOROO KY 41041 767 RECIBURG ROAD TOLISOROO KY 4	UTTERBACK DAVID L		1645 BEECHTREE PIKE		KY	41041
STACT PICKE 7724 3732 5627 197 BEECH SPRINGS DINE FLEMINGSBURG KY 41011 187	GRABER AMOS J & MARY E	7724 3731 9070	125 HILLSIDE DRIVE	FLEMINGSBURG	KY	41041
INTERNACIPIEM MANUEL 7724 3734 9274 79.0 BLACK DIAMOND RD MALIUNCORD KY 1109.1			197 BEECH SPRINGS DRIVE		KY	41041
INTERNACIPIEM MANUEL 7724 3734 9274 79.0 BLACK DIAMOND RD MALIUNCORD KY 1109.1	BARKER RHETT & JILL	7724 3733 4426	2233 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
MASHALL CHAY B. & ANNA BUTH	KEGLEY JIMMIE D & GERALDINE V	7724 3733 9027	170 BLACK DIAMOND RD	WALLINGFORD	KY	41093
ASSECT LOYD R. & ANNA BUTH	LENGACHER MARVIN & VIOLET	7724 3734 5824	767 BEECHBURG ROAD	FLEMINGSBURG	KY	41041
FILENSON MAX D & MARY F	CASKEY LLOYD JR & ANNA RUTH	7724 3735 3351	5338 RAYMOND RD		KY	41055
GILLERSON MAX D. & MARY F	RIPATO BETTY LOU ESTATE	7022 2410 0000 9787 1796	PO BOX 204	TOLLESBORO	KY	41189
GRABER NATTHEW E & MIRIAM 7724 3741 0226 125 ARRETT DR WALLINGFORD KY 41093	GILKERSON MAX D & MARY F	7724 3736 5664	4694 MT CARMEL RD		KY	41041
GRABERT NATTHEW E & MIRIAM 7774 3741 0/25 12,6 ARREST DR WALLINGFORD KY 14,093 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003 14,003	HAWKINS AMANDA MEADOWS	7724 3740 4091	230 MURPHY LANE	FLEMINGSBURG	KY	41041
TAYLOR IRENE IRREVOCABLE TRUST & JESSICA GARDNER, TRUSTEE 7724 3742 2403 227 SHAW RD UNION OH 45427 4542 3656 3699 1052 POPLAR GROVE RD FLEMINGSBURG KY 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 4104					KY	41093
TAYLOR IRENE IRREVOCABLE TRUST & JESSICA GARDNER, TRUSTEE 7724 3742 2403 227 SHAW RD UNION OH 45427 4542 3656 3699 1052 POPLAR GROVE RD FLEMINGSBURG KY 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 41041 4104	BALLARD JAMES S & ASHLEY	7724 3721 1032	267 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
SKAGES THOMAS M & CHRISTIE 7724 3740 6996 6582 MT CARMEL BD FLEMINGSBURG KY 41041						
SKAGES THOMAS M & CHRISTIE 7724 3740 6996 6582 MT CARMEL BD FLEMINGSBURG KY 41041	HUMPHRIES STEVEN W & SHARON	7724 3636 3069	1052 POPLAR GROVE RD	FLEMINGSBURG	KY	41041
STEELE WILLIAM M & MELINDA E					KY	41041
STEELE WILLIAM M & MELINDA E	MARSHALL CHARLES R	7724 3743 6719	994 CARPENTER ROAD	WALLINGFORD	KY	41093
CAUDILL SHARON D	STEELE WILLIAM M & MELINDA E		1830 BLACK DIAMOND ROAD			41093
SCHWARTZ JASON 7724 3746 6251 1189 FOXPORT RD WALLINGFORD KY 41039 GRABER EMANUEL & ADA 7724 3774 3850 543A THOMAS LN TOLLESBORO KY 41189 JONES KIMBERLY & MARK LOWE 7724 3748 2442 205 SHADY BROOK DR MT STERLING KY 40353 LENGACHER JOSEPH & ARLENE & JACOB LENGACHER 7724 3759 8956 695 IMT CARMEL RD FLEMINGSBURG KY 41041 MACDONALD JOHN & JANET 7724 3750 4896 601 DOE RUN DR SUITE 3 MT STERLING KY 40353 HUGHES MICHAEL & HEATHER DAWN 7724 3751 1979 975 BREEZE RD WALLINGFORD KY 41093 MULLIMAS SCOTT A & BEITLY S 7724 3752 0068 1556 BEECHBURG RD WALLINGFORD KY 41093 SALYERS DONALD E & MARIA 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINEER RUBY 7724 3758 0052 326 ATHOMAS Lane TOLLINGFORD KY 41093 Applegate, Charles T	CAUDILL SHARON D	7724 3745 9385	3149 BEECHTREE PK		KY	41093
GRABER EMANUEL & ADA 7724 3737 3850 543A THOMAS LN TOLLESBORO KY 41189 JONES KIMBERLY & MARK LOWE 7724 3748 2442 205 SHADY BROOK DR MT STERLING KY 40353 LENGACHER DSEPH & ARIENE & JACOB LENGACHER 7724 3759 89557 6961 MT CARMEL RD FLEMINGSBURG KY 41041 MACDONALD JOHN & JANET 7724 3750 4896 601 DOE RUN DR SUITE 3 MT STERLING KY 40353 MT	SCHWARTZ JASON					
LENGACHER JOSEPH & ARLENE & JACOB LENGACHER 7724 3798 9657 6961 MT CARMEL RD FLEMINGSBURG KY 41041 MACDONALD JOHN JANET 7724 3750 4896 601 DDE RUN DR SUITE 3 MT STERLING KY 40353 HUGHES MICHAEL A & HEATHER DAWN 7724 3751 1979 975 BREEZE RD WALLINGFORD KY 41093 WILLIAMS SCOTT A & BETTY S 7724 3752 0068 1556 BEECHBURG RD WALLINGFORD KY 41093 SALYERS DONALD E & MARIA 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINER RUBY 724 3755 9057 502 SAUNDERS RD WALLINGFORD KY 41093 BUTBERTY, Allen & Pam 7724 3759 90557 626 A Thomas Lane TOllesboro KY 41189 Burberry, Allen & Pam 7724 3760 4248 631 PORTHAN DO Lekington kY 41093 SCHWARTZ EUGENE IR & CAROLYN 7724 3761 6230 178 Foxport RD WALLINGFORD KY 41041 MT CARMEL BIBLE FELLOWSHI	GRABER EMANUEL & ADA	7724 3747 3850	543A THOMAS LN	TOLLESBORO	KY	41189
MACDONALD JOHN & JANET 7724 3750 4896 601 DOE RUN DR SUITE 3 MT STERLING KY 40353 HUGHES MICHAEL & HEATHER DAWN 7724 3751 1979 975 BREEZE RD WALLINGFORD KY 41093 SALYERS DOTH & BETTY'S 7724 3752 10068 1556 BEECHBURG RD WALLINGFORD KY 41093 SALYERS DONALD E & MARIA 7724 3718 4480 1270 BEECHBURG RD FLEMINGSBURG KY 41041 UTTERBACK LYLE B & VICKIE 7724 3758 3071 2284 CARPENTER RD WALLINGFORD KY 41093 CHARLES AND	JONES KIMBERLY & MARK LOWE	7724 3748 2442	205 SHADY BROOK DR	MT STERLING	KY	40353
HUGHES MICHAEL A & HEATHER DAWN 7724 3751 1979 975 BREEZE RD WALLINGFORD KY 41093 WILLIAMS SCOTT A & BETTYS 7724 3752 0068 1556 BEECHBURG RD WALLINGFORD KY 41093 ALVERS DONALD E & MARIA 7724 37184 4880 1270 BEECHBURG RD FLEMINGSBURG KY 41041 UTTERBACK LYLE B & VICKIE 7724 37184 5755 071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 3755 0052 131 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 3750 579 502 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 3759 5025 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 3759 9212 326 ROBERTS RD TOllesboro KY 41189 Burberry, Allen & Pam 7724 3764 2488 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3766 6230 178 Foxport RD WALLINGFORD KY 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3766 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3766 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 37769 5264 8639 MT CARMEL RD FLEMIN	LENGACHER JOSEPH & ARLENE & JACOB LENGACHER	7724 3798 9657	6961 MT CARMEL RD	FLEMINGSBURG	KY	41041
WILLIAMS SCOTT A & BETTY S 7724 3752 0068 1556 BEECHBURG RD WALLINGFORD KY 41093 SALYERS DONALD E & MARIA 7724 3718 4480 1270 BEECHBURG RD FLEMINGSBURG KY 41041 UTTERBACK LYLE B & VICKIE 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINEER RUBY 7724 375 0057 502 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 375 9057 626 A Thomas Lane Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3759 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE IR & CAROLYN 7724 3761 6230 178 Foxport RD WALLINGFORD KY 41041 SPENCER ROGER D & DIANE 7724 3763 33370 <td>MACDONALD JOHN & JANET</td> <td>7724 3750 4896</td> <td>601 DOE RUN DR SUITE 3</td> <td>MT STERLING</td> <td>KY</td> <td>40353</td>	MACDONALD JOHN & JANET	7724 3750 4896	601 DOE RUN DR SUITE 3	MT STERLING	KY	40353
SALYERS DONALD E & MARIA 7724 3718 4480 1270 BEECHBURG RD FLEMINGSBURG KY 41041 UTTERBACK LYLE B & VICKIE 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINEER RUBY 7724 3760 1799 502 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 3759 90557 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 3759 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD KY 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 LAMAR JESSICA L 7724 3764 5086<	HUGHES MICHAEL A & HEATHER DAWN	7724 3751 1979	975 BREEZE RD	WALLINGFORD	KY	41093
UTTERBACK LYLE B & VICKIE 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINEER RUBY 7724 3759 00557 502 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 375 90557 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 375 90257 626 A Thomas Lane Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 375 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 SCHWARTZ EUGENE JR & CAROLYN 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3766 9022 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5024 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5024 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5024 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5024 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5024 86 MADDOX PIKE FLEMINGSBURG KY 41041 APPLEGATE ADANTY W ESTATE ETALS 7724 3769 5264 8639 MT CARMELR D FLEMINGSBURG KY 41041 APPLEGATE ADANTY W ESTATE ETALS 7724 3769 5264 8639 MT CARMELR D FLEMINGSBURG KY 41041 APPLEGATE ADANTY W ESTATE ETALS 7724 3769 5264 8639 MT CARMELR D FLEMINGSBURG KY 41041 APPLEGATE ADALBED FLEMINGSBURG KY 41041	WILLIAMS SCOTT A & BETTY S	7724 3752 0068	1556 BEECHBURG RD	WALLINGFORD	KY	41093
UTTERBACK LYLE B & VICKIE 7724 3753 5071 2284 CARPENTER RD WALLINGFORD KY 41093 SCHWARTZ JONAS E & MARTHA 7724 3758 0052 131 SAUNDERS RD WALLINGFORD KY 41093 MINEER RUBY 7724 3759 0052 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 375 90557 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 375 90557 626 A Thomas Lane Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 375 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 SCHWARTZ EUGENE JR & CAROLYN 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 9317 1935 BEET R JACKSON FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 9022 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAINY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAINY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 55TATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ADAILY W 41041	SALYERS DONALD E & MARIA	7724 3718 4480	1270 BEECHBURG RD	FLEMINGSBURG	KY	41041
MINEER RUBY 7724 3605 1799 502 SAUNDERS RD WALLINGFORD KY 41093 Applegate, Charles T 7724 375 90557 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 3759 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3764 0330 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA L 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	UTTERBACK LYLE B & VICKIE	7724 3753 5071		WALLINGFORD	KY	41093
Applegate, Charles T 7724 375 90557 626 A Thomas Lane Tollesboro KY 41189 Burberry, Allen & Pam 7724 3759 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 410	SCHWARTZ JONAS E & MARTHA	7724 3758 0052	131 SAUNDERS RD	WALLINGFORD	KY	41093
Burberry, Allen & Pam 7724 3759 9212 326 ROBERTS RD Tollesboro KY 41189 Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 9022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D	MINEER RUBY	7724 3605 1799	502 SAUNDERS RD	WALLINGFORD	KY	41093
Davenport Robert, John, Joseph 7724 3760 4248 631 Portland Dr Lexington ky 40503 Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3769 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	Applegate, Charles T	7724 375 90557	626 A Thomas Lane	Tollesboro	KY	41189
Applegate Lucille Estate 7724 3761 6230 178 Foxport RD WALLINGFORD 41093 SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA 7724 3765 0866 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3769 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041		7724 3759 9212			KY	41189
SCHWARTZ EUGENE JR & CAROLYN 7724 3762 2019 938 MADDOX PIKE FLEMINGSBURG KY 41041 SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA L 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	Davenport Robert, John, Joseph	7724 3760 4248	631 Portland Dr	Lexington	ky	40503
SPENCER ROGER D & DIANE 7724 3763 3370 920 MADDOX PIKE FLEMINGSBURG KY 41041 MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA L 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	Applegate Lucille Estate	7724 3761 6230	178 Foxport RD	WALLINGFORD	·	41093
MT CARMEL BIBLE FELLOWSHIP 7724 3764 0030 1061 CARPENTER RD WALLINGFORD KY 41093 LAMAR JESSICA L 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	SCHWARTZ EUGENE JR & CAROLYN	7724 3762 2019	938 MADDOX PIKE	FLEMINGSBURG	KY	41041
LAMAR JESSICA L 7724 3764 5086 488 MADDOX PIKE FLEMINGSBURG KY 41041 HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	SPENCER ROGER D & DIANE	7724 3763 3370	920 MADDOX PIKE	FLEMINGSBURG	KY	41041
HILL MICHAEL TERRENCE & JANET R JACKSON 7724 3766 7643 380 MADDOX PIKE FLEMINGSBURG KY 41041 MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	MT CARMEL BIBLE FELLOWSHIP	7724 3764 0030	1061 CARPENTER RD	WALLINGFORD	KY	41093
MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	LAMAR JESSICA L	7724 3764 5086	488 MADDOX PIKE	FLEMINGSBURG	KY	41041
MORRIS ANGELA PERKINS 7724 3768 0022 84 MADDOX PIKE FLEMINGSBURG KY 41041 COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	HILL MICHAEL TERRENCE & JANET R JACKSON	7724 3766 7643	380 MADDOX PIKE	FLEMINGSBURG	KY	41041
COLGAN WILLIAM A & GILBERTA 7724 3768 9317 1305 BEECH TREE RD FLEMINGSBURG KY 41041 MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041						
MINEER DANNY W ESTATE ETALS 7724 3769 5264 8639 MT CARMEL RD FLEMINGSBURG KY 41041 APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041	COLGAN WILLIAM A & GILBERTA	7724 3768 9317	1305 BEECH TREE RD		KY	41041
APPLEGATE ASHLEY D 7724 3770 2204 1512 POPLAR GROVE RD FLEMINGSBURG KY 41041					KY	41041
	APPLEGATE ASHLEY D	7724 3770 2204				
	SPANN CHARLES A & NANCY A	7724 3774 1819	499 SAUNDERS RD	WALLINGFORD	KY	41093

MERS ELIZABETH JANE	7724 3774 9544	7108 MT CARMEL RD	FLEMINGSBURG	KY	41041
TOLLE JAMES A & CRYSTAL D	7724 3775 7380	7112 MT CARMEL RD	FLEMINGSBURG	KY	41041
PORTER RITA F	7724 3776 4176	256 MADDOX PIKE	FLEMINGSBURG	KY	41041
WILLIAMS SHIRLEY	7724 3714 8243	1833 BEECHBURG RD	WALLINGFORD	KY	41093
WILLIAMS CHRISTOPHER L & TINA G	7724 3779 6150	1659 BEECHBURG ROAD	WALLINGFORD	KY	41093
MARSHALL PHILLIP W & RENEE C	7724 3717 8441	852 CARPENTER RD	WALLINGFORD	KY	41093
SWIM RUSSELL D & MARILYN	7724 3781 2789	2234 CARPENTER RD	WALLINGFORD	KY	41093
LEWIS PAUL H TRUST PAUL H & MARGARET I TRUSTEES	7724 3783 5963	1718 MAGNOLIA DR	GREENWOOD	IN	46143
GRIMES MATTHEW L & ANGELA K	7724 3784 4453	530 HARN ROAD	FLEMINGSBURG	KY	41041
DOYLE JAMES DOUGLAS	7724 3784 9878	1201 WILLSON RUN	WALLINGFORD	KY	41093
GARDNER DIANNA DOYLE	7724 3792 1890	3112 BEECHTREE PIKE	WALLINGFORD	KY	41093
RIPATO ROBERT D & RHONDA R	7724 3793 3242	2090 CARPENTER ROAD	WALLINGFORD	KY	41093
WILLIAMS DANNY J	7724 3794 3909	309 OLIVER DR	WALLINGFORD	KY	41093
RIPATO ROBERT D & RHONDA R	7724 3797 9016	2090 CARPENTER ROAD	WALLINGFORD	KY	41093
LENGACHER JOSEPH & ARLENE & DANIEL EICHER & ELIZABETH LENGACHER	7724 3749 5512	6961 MT CARMEL RD	FLEMINGSBURG	KY	41041
DALES CONNOR & MATTISON MERS	7724 3800 3517	566 HESTER RIDGE RD	WALLINGFORD	KY	41093
MCCLEESE VANESSA K & CAVE RUN AREA HABITAT FOR HUMANITY	7724 3801 9560	149 BEECH SPRINGS DR	FLEMINGSBURG	KY	41041
MINEER KAREN S	7724 3803 1907	521 JM CLARY RD	FLEMINSBURG	KY	41041
GRIGSON DONALD & MINNE & THOMAS HAY ETALS	7724 3804 2374	357 SAUNDERS RD	WALLINGFORD	KY	41093
COBLENTZ PHILIP W AND SUSANNA	7724 3805 9027	380 BLACK DIAMOND RD	WALLINGFORD	KY	41093

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT 17 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Extra Services & Fees (check box, Return Receipt (hardcopy)	\$
Return Receipt (electronic)	\$ 1
Certified Mail Restricted Delivery	\$
Adult Signature Required	\$
Adult Signature Restricted Delivery	\$
Postage	
1	
Total Po	

Postmark

Here

Betty Lou Ripato Estate P.O. Box 204

Tollesboro, Kentucky 41189

DC Form

sec neverse for matructions

Certified Mail service provides the following benefits:

- A receipt (this portion of the Certified Mail label).
 A unique identifier for your mailpiece.
 - Electronic verification of delivery or attempted delivery.
- A record of delivery (including the recipient's signature) that is retained by the Postal Service[™] for a specified period.

Important Reminders:

- You may purchase Certified Mall service with First-Class Mail[®], First-Class Package Service[®], or Priority Mail[®] service.
- Certified Mail service is not available for International mail.
- Insurance coverage is not available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the malipiece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, Domestic Return Receipt, 21tach PS Form 3811 to your malipiece:

for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

- Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
- Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
- Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- To ensure that your Certified Mail receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office" for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailplece, apply appropriate postage, and deposit the mailplece.

IMPORTANT: Save this receipt for your records.

U.S. Postal Service™ CERTIFIED MAIL FROM Domestic Mail Only For delivery information, visit our website at www.usps.com® Certified Mail Fee Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy) Return Receipt (electronic) Postmark Certified Mail Restricted Delivery Here Adult Signature Required Adult Signature Restricted Delivery 5 Postage Total Po Flowers Amber Gooding & Sent To Jonathan Gooding Street a P.O. Box 64 City, St. Flemingsburg, Kentucky 41041 PS Form 3800, April 2015 FSN 7550-02-000-90rructions

1789

9787

2410

7025

Certified Mail service provides the following benefits:

- A receipt (this portion of the Certified Mail label).
 A unique identifier for your mailpiece:
 - Electronic verification of delivery or attempted delivery.
 A record of delivery (including the recipient's
- A record of delivery (including the recipient's signature) that is retained by the Postal Service" for a specified period.

Important Reminders:

- You may purchase Certified Mail service with First-Class Mail[®], First-Class Package Service[®], or Priority Mail[®] service.
- Certified Mail service is not available for international mail.
- Insurance coverage is not available for purchase with Certified Mail service. However, the purchase of Certified Mail service does not change the insurance coverage automatically included with certain Priority Mail items.
- For an additional fee, and with a proper endorsement on the mailpiece, you may request the following services:
 - Return receipt service, which provides a record of delivery (including the recipient's signature). You can request a hardcopy return receipt or an electronic version. For a hardcopy return receipt, complete PS Form 3811, Domestic Return Receipt, attach PS Form 3811 to your mailpiece:

for an electronic return receipt, see a retail associate for assistance. To receive a duplicate return receipt for no additional fee, present this USPS®-postmarked Certified Mail receipt to the retail associate.

- Restricted delivery service, which provides delivery to the addressee specified by name, or to the addressee's authorized agent.
- Adult signature service, which requires the signee to be at least 21 years of age (not available at retail).
- Adult signature restricted delivery service, which requires the signee to be at least 21 years of age and provides delivery to the addressee specified by name, or to the addressee's authorized agent (not available at retail).
- To ensure that your Certified Mall receipt is accepted as legal proof of mailing, it should bear a USPS postmark. If you would like a postmark on this Certified Mail receipt, please present your Certified Mail item at a Post Office" for postmarking. If you don't need a postmark on this Certified Mail receipt, detach the barcoded portion of this label, affix it to the mailpiece, apply appropriate postage, and deposit the mailpiece.

IMPORTANT: Save this receipt for your records.

OBITUARIES/COMMUNITY



Donald Williams, 75 of Hillsboro, passed away on Thursday, June 8 at Maysville Nursing and Rehab in Maysville, Kentucky. He was born Rentucky. He was born on January 20, 1948 in Fayette County to the late James Thomas Wil-liams and Rosa Carmi-chael Williams. Donald was a bus driv-

Donald was a bus driver for the Bath County School System for 32 years before retiring. He enjoyed driving the bus and being around the children, Donald's favorite thing to do was to go ite thing to do was to go fox hunting. He would spend time farming and gardening as well. Don

ald enjoyed spending time with family and friends. He will be dearly missed.

missed.

He is survived by his wife, Linda McKee Williams; one brother, Jimmy (Nancy Jo) Williams; three sisters, Bobbie (David) Chaney, Ruth Vice and Carol Stephens; one brother in law, Scott (Jill)
McKee; several nieces
and nephews.
In addition to his par-

In addition to his par-ents, he was preceded in death by one brother, Charles Lee Williams and two sisters, Nina Finch and Lola Vice. A memorial service will be held on Monday, June 19. Friends and family are invited to come share memories and visit from

memories and visit from 5:00 p.m. until 7:00 p.m.

A service will begin at 7:00 p.m. with Reverend Lowell Rice and Brother Gerald Saunders officiat-

ing.
Richardson Funeral Home is caring for all arrangements.

SATURDAY IS THE DAY FOR **FREE FUN!!**

This Saturday is the Rock, Roll & Ride Sum-mer Palooza!!! That means FREE FUN for evervone!!! To kick off summer, the Flemingsburg Tourist and Convention Commission is hosting Commission is hosting this event and bringing something for everyone. Here are all the details. The Palooza will take The Palooza will take place this Saturday (June 17th) beginning at 10:00 am and ending around 10:00 pm in the Frank L Newman Memorial Park at 140 Electric Avenue in Flemingsburg. Almost everything is FREE!! (Gas prices and inflation are rising, so take advantage of staying in Flemingsburg for all the fun in our own back door. There are 4 inflatables, There are 4 inflatables 6 carnival rides, 1 rock climbing wall, 3 live con chimbing wall, 3 live con-certs and beautiful fire-works all FREE for you and your family. Ven-dors will be on sight at a cost. There will also be food such as tacos, pulled pork or chicken, ribeyes,

tenderloin, corn dogs chili dogs, cotton candy, chili dogs, cotton candy, popcorn, ice cream and more along with crafters who have clothing, personalized items, quilts and more. Each vendos sets their own pricing so come prepared. Times and events are below. SEE YOU SATURDAY! SUMMER PALOOZA SCHEDULE 10:00 am until 10:00

10:00 am until 10:00

pm Inflatables – FREE Carnival Rides – FREE
Roller Rink & Skate
Rental – FREE

Rental – FREE
Escape Rooms - FREE
Ax Throwing - FREE
12:30 pm – 2:30 pm
Live Concert from
Hunter Jordan – FREE
3:00 pm - 6:00 pm
Live Concert from The

Dooley Gang - FREE 7:00 pm - 10:00 pm Live Concert from Rev el Arcade - FREE 10:00 pm Fireworks – FREE

Beginning at 10:00 am Food and Craft Vendors - Prices set vendor



PRESS RELEASE Maysville, KY May 23, 2023

To better meet the needs of our customers the Blue Grass Livestock Marketing Group has decided to merge their Maysville and Flemings burg operations. "Making sure we are doing the very best and most efficient job of getting our customer's livestock sold quickly, safely and for e highest dollar is always our top priority", said Jim Akers, COO.

The acquisition of the Flemingsburg barn provides an opportunity to service our customers in the Northern and Eastern parts of Kentucky in a bigger, better facility with more feed and water pens, a larger more comfortable sale ring and a better design to move livestock through the facility more efficiently and in larger numbers. "We are excited to concentrate our efforts in one location so that we can focus entirely on the job we do for our valued customers", said Corey Story, Sale Manager. This transition will take place during the summer with the final Tuesday sale in Maysville being on June 27. Flemings burg will begin a weekly cattle sale on Tuesday, July 11 at 10:00 AM laong with the traditional Saturday sale for all species at 11:00 AM. Eric Barber stated, "We hope that all our customers in Mason, Lewis, Nicholas, Bracken, Fleming and surrounding counties will embrace this decision and help us make the transition seamlessly. All we have to sell is service, we know that moving the livestock efficiently and getting the most for them is the name of the me for our customers."

LINDA GULLEY BAILEY



Linda Gulley Bailey, 77, of Corbin, passed away peacefully on Thursday, June 8, 2023, at Saint Joseph Hospital in Lovincheph

at Saint Joseph Hospital in Lexington.

Born in Muses Mill, Ky. on August 17, 1945, she was the daughter of the late Clifton Gulley and the late Aline Hinton Gulley.

Linda was a 1966 gradtate of the University of Kentucky and later re-ceived her Master's from Morehead State Univer-

A devoted wife, mother, and grandmother, her favorite moments were spending time with fam-ily and friends. She also loved to travel and visited many places with her husband and family.

nusnand and family.
She had a special gift
of lifting people up. Her
unconditional love for
her children has made
them feel special all their
lives

Linda was known for Linda was known to her kindness, generos-ity, and sense of humor. Her husband said that by just being herself, she made him laugh on their very first date, and was still making him laugh on the evening before she died. Paul and Linda were married for 55 joy-

faithful Christian and member of the Assembly of God Church in Martin, Ky., she was a beautiful soul who left a

beautiful soul who left a lasting legacy of love. Linda is survived by her husband, Paul Bai-ley, her three children, Pete (Sheila) Bailey of Richmond, Paula Bai-ley of Prestonsburg, and Adam (Teddie) Bailey of Corbin: her four grand-Adam (Teddie) Bailey of Corbin; her four grand-children, Cole Bailey, Ethan Bailey, Eli Bailey, and Rose Bailey; along with many extended fam-ily members and friends. In addition to her par-ents Clifton and Aline,

Linda was preceded in death by her brother,

death by her brother, Steve Gulley.

The funeral service will begin at 2 p.m., Thursday, June 15, 2023, at Boone-Nickell Funeral Home with Pastor Ray Davis, Rev. Jack Hinton, and Rev. Clint Stricklen

officiating.
Linda will be laid to rest in Sunset Memorial Park.

Park.
Pallbearers include
Ethan Bailey, Cole Bailey, Eli Bailey, Jamie
Higgins, Gary Buzzard,
and Mark Buzzard.
Visitation will be 12
noon, until the hour of
service at 2 p.m., Thursday, at Boone-Nickell, located at 150 West Water
Street. Flemingsburg.

cated at 150 West Water Street, Flemingsburg, Ky. 41041 Friends may offer on-line condolences at www. boonenic kellfuneral-

2023

DISTRICT COURT NEWS

ning Court News 6/8/23 Hon. Kim Leet Razor

Jeffrey Duncan, tbut or disp all others \$1,000 < \$10,000, ph 7/13/23 at 10am. Bethany Marianne Swope,

no/exp reg plates, no/exp Ky reg recpt, op veh with ex-pired ops lic, dismissed.

Brandon Dean McClana-

han, no/exp reg plates, no/exp Ky reg recpt, op veh exp ops lic, dismiss.

Justin King, scip – 7/6/23

kt 9am. Kenneth Tuttle, scip 1/6/23 9am. Elizabeth Cleo Jones, Cleo Jones,

Escobar-Martinez other hearing, bond money

other hearing, bond money released.

Dan Hines, poss cont sub lst degree, 1st off (meth-amphetamine), poss cont sub 3rd degree – drug unspecified, drug parapherna

specified, drug parapherna-lia-buy/possess, fta notice 7/6/23 9am. Gena Ross, review, fta no-tice 7/6/23 9am. Samantha Pollitt, poss cont sub 3rd degree-drug unspecified, disorderly con-duct 2nd degree, controlled substance prescription not in orig container 1st, drug paraphernalia – buy/pos-

sess, pc 7/13/23 9:30am. Cody A Lyons, careless driving, no/exp reg plates, no/exp Ky reg recpt, fta notify dot. Alfred Ray Bryant, fail to

Alfred Ray Bryant, fail to produce ins card, no/exp Ky reg recpt, no/exp reg plates, dismissed.
Rachel Nicole Vaughn, op on susp/rev ops lic, 90/0 cd 2 yrs, \$ 100 fine.
Cameron Jarrett Apple-gate, no/exp Ky reg recpt, no/exp reg plates, improper reg plate, fail to produce, dismiss.

Wesley D Highfield, in-adequate silencer (muffler), cont 7/6/23 at 9am for photo-

cont 76/23 at 9am for photo-graph of muffler.
Melissa L Keeton, fail to wear seat belts, paid, lit to be in possess, dismissed.
Phillip Russell Berryman, speeding 26mph over/great-er, improper passing, fail to notify address change to dept of transp, fan notify dot. Joshua A Mason, hinder-ing prosecution or appre-hension 2nd degree, final pc 14/24 at 9.30am, it 12/5/24 1/4/24 at 9:30am, jt 1/25/24

Gregory Edward Patrick, ssault 4th degree domestic violence minor injury final pc 10/5/23 9:30am, bench trial 10/26/23 1pm.

Syler Annis, sexual abuse nd degree, pc 8/10 at

Laura N Cadwallader, peeding 16mph over limit, p mv u/infl cont sub, fail to ear seat belts, pc 7/20/23

Jackson Cole Brumelow.

Jackson Cole Brumelow, diversion completed dismissed. Mitchell D Faris, careless driving, fail to wear seat belts, op mv u/infl alc 1st, possess alc bev container in a mv, pc 7/20/23 9:30am. Leung H Chan, op mv u/infl cont sub 1st, pc 7/20/23 9:30am.

infl cont sub 1st, pc 1/20/20 9:30am.

Ashley Nicole Adams, tbut or disp all others \$500 <\$1,000, pc 7/6/23 9:30am.

Alex Kane, assault 4th degree domestic violence

no visible injury, fleeing or evading police 2nd degree on foot, pc 8/3/23 9:30am. Sadie Pack, ale intox in a public place 1st and 2nd, resisting arrest, assault 3rd peace officer — communica-ble bodily fluid, def shall be assessed for IP treatment, pc, 7/9/0129 3-30am

assessed for IP treatment, pc 772023 9:30am. Joseph Humphries, as-sault 4th degree minor in-jury, pc 10/5/23 at 9:30am. David W Boccok, op mv u' infl alc/subs 2nd, court costs, surety agrees for bond mon-ey to be applied to fines and costs and sentencing per aoc 495, fail to produce ins card, merre.

James Robert Flaugher, poss cont sub 1st degree 1st off (methamphetamine), tics 1st degree 1st off (< 2 gms methamphetamine), drug paraphernalia-buy/posses paraphernalia-buy/possess, controlled substance pre-scription not orig container 1st, probable cause found, bound over to grand jury. James Howard Kiskaden, resti review, 6/15/23 at

James Howard Kiskaden, resti review, 6/15/23 at 10am. Edford C Gardner, op ops/moped lie, 90/0 bal ed 2 yrs \$100, no motorcycle ops lie, merged, fail to produce ins card, merged, no/exp Ky reg recp, bench trial conducted, waive court costs and bond

Kayla N Barley, endan gering the welfare of a mi-nor, pc 8/10/23 at 10am.

Tanner Billings, violation of Ky EPO/DVO, 30 days concurrent with state time,

concurrent with state time, no contact w/victim.
William Eldridge, poss cont sub 1st degree 1st off heroin, poss cont sub 1st degree 1st off (methamphetamine), poss cont sub 3rd degree-drug unspecified, drug paraphernalia – buyl possess, probable cause possess, probable cause found, bound over to grand

jury. Shawn Prather, tbut or disp auto \$10,000 < \$1,000,000, driving dui susp lic 2nd off, ph 6/5/23 10am, no driving, standard 3, stay off Brummet's towing property.

Thomas C Thompson, assault 4th degree dating violence no visible injury, menacing, strangulation 2nd degree, probable cause found, bound to grand jury.

Jessica Lynn Goerner counts wanton endanger-ment 2nd degree, pc 6/5/23

at 10am. Justin M Stanton,, op my u/infl subst 2nd, no ops/mo

unn subst 2nd, no ops/mo-ped lic, poss of marijuana, pc 6/5/23 10am.

Danny Lawhorn, driving on dui susp lic 1st off, lic to be in possession, improper registration plate, pc 6/15/23 10am.

Oam. Stephen E Butcher, op stephen E Butcher, op on susp/rev ops lic, 90/10 bal cd 2 yrs \$100 fine, im-proper display of reg plates, \$50, fail to produce ins card, dismissed, fail to wear seat

dismissed, fail to wear seat belts, \$25. Stephen Butcher, op on suspirev ops lic, 90/20 bal cd 2 yrs, \$100, fail to register transfer of mv, dismissed, fail to produce ins card, dis-missed, improper display of reg plates, dismissed. Michael Gene Zipperer, speeding 24mph over limit, \$48 plus court costs.





SATURDAY

JUNE 17, 2023

10 AM - 10 PM

(606)209-1370 (606)748-4081

ROOFING AND CONSTRUCTION Joseph Yoder Old Sand Rd. Owingsville, Ky. 403 06)210-3662 - (Leave a message) FREE ESTIMATES

FOR SALE:

Straw Bales \$6.00

Timothy Hay Square Bales \$6.00

Call 859-948-4376

Exhibit C

COMMONWEALTH OF KENTUCKY BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:	
ELECTRONIC APPLICATION OF HUMMINGBIRD ENERGY LLC FOR A CERTIFICATE OF CONSTRUCTION FOR AN APPROXIMATELY 200 MEGAWATT MERCHANT ELECTRIC SOLAR GENERATING FACILITY AND NONREGULATED ELECTRIC TRANSMISSION LINE IN FLEMING COUNTY, KENTUCKY PURSUANT TO KRS 278.700 AND 807 KAR 5:110)) Case No. 2022-00272)))
CERTIFICATION OF COMPLIAN	CE PURSUANT TO KRS 278.706(

2)(d)

Comes now, Spivey Paup, solely in my capacity as Vice President of Hummingbird Energy LLC, and hereby states as follows:

- 1. I am over the age of 18 and a resident of Texas.
- I am the Managing Director of Development of Recurrent Energy, LLC, the parent company of Hummingbird Energy LLC.
- I have conducted an inquiry into the facts contained in the Statement and have found them to be true to the best knowledge and belief.
- I hereby certify that the proposed facility as planned and to be constructed in unincorporated Fleming County, Kentucky will be in compliance with any local noise control ordinance and planning and zoning ordinance.
 - 5. There is no noise control ordinance applicable to unincorporated Fleming County.
- There is no planning and zoning commission with jurisdiction over unincorporated 6. Fleming County, and thus the project has no setback requirements.

Signed this 22nd day of June 2023.

Spivey Paup Spivey Paup Vice President Hummingbird Energy LLC

Exhibit D



Revised Generation Interconnection Impact Study Report for Queue Project AE1-144 GODDARD-PLUMVILLE 138 KV 80.2 MW Capacity / 120 MW Energy

Table of Contents

Contents

1	Pre	eface	4
2	Gei	neral	
	2.1	Point of Interconnection	
	2.2	Cost Summary	
3	Tra	ansmission Owner Scope of Work	,
4	Att	achment Facilities	
5	Dir	rect Connection Cost Estimate	,
6	No	n-Direct Connection Cost Estimate	,
7	Inc	remental Capacity Transfer Rights (ICTRs)	
8		erconnection Customer Requirements	
9	Re	venue Metering and SCADA Requirements	10
	9.1	PJM Requirements	10
	9.2	EKPC Requirements	10
10	Ne	twork Impacts	1
11	Gei	neration Deliverability	13
12	Mu	ıltiple Facility Contingency	13
13	Co	ntribution to Previously Identified Overloads	13
14	Pot	tential Congestion due to Local Energy Deliverability	13
15	Sys	stem Reinforcements	1!
16	Ste	eady-State Voltage Requirements	10
17	Lig	tht Load Analysis	10
18	Sta	ability and Reactive Power Requirement for Low Voltage Ride Through	10
	18.1	Contingency Descriptions	18
19	Aff	Fected Systems	20
	19.1	TVA	20
	19.2	Duke Energy Progress	20
	19.3	MISO	20
	19.4	LG&E	20
20	Sho	ort Circuit	22
21	Att	tachment 1. Single Line Diagram	23

22 Appendices ______24

1 Preface

The intent of the System Impact Study is to determine a plan, with approximate cost and construction time estimates, to connect the subject generation interconnection project to the PJM network at a location specified by the Interconnection Customer. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system. All facilities required for interconnection of a generation interconnection project must be designed to meet the technical specifications (on PJM web site) for the appropriate transmission owner.

In some instances an Interconnection Customer may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection or merchant transmission upgrade, may also contribute to the need for the same network reinforcement. The possibility of sharing the reinforcement costs with other projects may be identified in the Feasibility Study, but the actual allocation will be deferred until the System Impact Study is performed.

The System Impact Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

The Interconnection Customer seeking to interconnect a wind or solar generation facility shall maintain meteorological data facilities as well as provide that meteorological data which is required per Schedule H to the Interconnection Service Agreement and Section 8 of Manual 14D.

An Interconnection Customer with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for additional information.

2 General

The Interconnection Customer (IC), has proposed a solar / battery storage generating facility located in Flemingsburg, KY. The installed facilities will have a total capability of 120 MW with 80.2 MW of this output being recognized by PJM as capacity. The capacity & energy rights are associated with the solar generating facility only. The proposed in-service date for this project is June 1, 2022. **This study does not imply a EKPC commitment to this in-service date.**

Queue Number	AE1-144					
Project Name	GODDARD-PLUMVILLE 138 KV					
State	КҮ					
County	Fleming					
Transmission Owner	EKPC					
MFO	120					
MWE	120					
MWC	80.2					
Fuel	Solar; Storage					
Basecase Study Year	2022					

2.1 Point of Interconnection

AE1-144 will interconnect with the EKPC transmission system along the Goddard - Plumville 138kV line.

2.2 Cost Summary

The AE1-144 project will be responsible for the following costs:

Description	Total Cost
Attachment Facilities	\$250,000
Direct Connection Network Upgrade	\$4,320,000
Non Direct Connection Network Upgrades	\$800,000
Allocation for New System Upgrades	\$0
Contribution for Previously Identified Upgrades	\$15,040,000
Total Costs	\$20,410,000

3 Transmission Owner Scope of Work

4 Attachment Facilities

The total preliminary cost estimate for the Attachment work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Install a 138 kV switch structure at the point of demarcation, revenue metering, and attachment facility line/bus and associated hardware to accept the Interconnection Customer generator lead line/bus terminating at the AE1-144 Interconnection switching station.	\$250,000
Total Attachment Facility Costs	\$250,000

5 Direct Connection Cost Estimate

The total preliminary cost estimate for the Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Build 138kv switching station near Mt. Carmel, KY including associated transmission line work. Estimated Time to Construct: 24 months	\$4,320,000
Total Direct Connection Facility Costs	\$4,320,000

6 Non-Direct Connection Cost Estimate

The total preliminary cost estimate for the Non-Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Goddard - Plumville 138kV line: Install a line loop to the proposed AE1-144 interconnection switching station.	\$700,000
Adjust remote, relaying, and metering settings at the Goddard 138 kV switchyard	\$50,000
Adjust remote, relaying, and metering settings at the Plumville 138 kV switchyard	\$50,000
Total Non-Direct Connection Facility Costs	\$800,000

7 Incremental Capacity Transfer Rights (ICTRs	;)
Will be determined at a later study phase	

8 Interconnection Customer Requirements

- 1. An Interconnection Customer entering the New Services Queue on or after October 1, 2012 with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for additional information.
- 2. The Interconnection Customer may be required to install and/or pay for metering as necessary to properly track real time output of the facility as well as installing metering which shall be used for billing purposes. See Section 8 of Appendix 2 to the Interconnection Service Agreement as well as Section 4 of PJM Manual 14D for additional information.
- 3. The Interconnection Customer seeking to interconnect a wind generation facility shall maintain meteorological data facilities as well as provide that meteorological data which is required per item 5.iv. of Schedule H to the Interconnection Service Agreement.

9 Revenue Metering and SCADA Requirements

9.1 PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Section 8 of Attachment O.

9.2 **EKPC Requirements**

The Interconnection Customer will be required to comply with all EKPC Revenue Metering Requirements for Generation Interconnection Customers. The Revenue Metering Requirements may be found within the "EKPC Facility Connection Requirements" document located at the following link:

http://www.pjm.com/planning/design-engineering/to-tech-standards/ekpc.aspx

10 Network Impacts

The Queue Project AE1-144 was evaluated as a 120.0 MW (Capacity 80.2 MW) injection into a tap of the Goddard – Plumville 138 kV line in the EKPC area. Project AE1-144 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AE1-144 was studied with a commercial probability of 100%. Potential network impacts were as follows:

Summer Peak Load Flow

11 Generation Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

None

12 Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

None

13 Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

		Contingency	Affected	Facility	В	us			Loading Rating		ting		FG	
#	Type	Name	Area	Description	From	То	Cir.	PF	Initial	Final	Type	MVA	MW Con.	App.
1	DCTL	DEO&K-DAY-EKPC.C5	AEP -	05WLDCAT-	246946	243019	1	AC	133.64	139.0	ER	185	11.65	1
		4541MELDAHLSPRLCKSTUARTSPUR	AEP	05HILLSB 138										
		LOCKDPLEK		kV line										
2	LFFB	DAY_P4_STUART_HH	AEP -	05WLDCAT-	246946	243019	1	AC	110.29	113.94	ER	185	7.95	
			AEP	05HILLSB 138										
				kV line										

14 Potential Congestion due to Local Energy Deliverability

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

		Contingency	Affected	Facility	Bus Loading Rating acility			Loading		ting	MW	FG App		
#	Type	Name	Area	Description	From	To	Cir.	PF	Initial	Final	Type	MVA	Con.	
3	N-1	EKPC_P1-2_SPUR-STU345	AEP -	05WLDCAT	24694	24301	1	AC	109.	113.4	ER	185	7.97	
			AEP	-05HILLSB	6	9			74					
				138 kV line										

15 System Reinforcements

AEP AEP Set rating is 185 MVA. AEP Reinforcement: Project ID: n5472 Description: A sag check will be required for the ACSR ~ 477 ~26/7 ~ HAWK - Conductor Section 1 to determine if the line section can be operated above its emergency rating of 185 MMA. The sag study results show that a distribution circuit crossing underneath structures 37-58 and 37-59 will need to be relocated to allow the line to be operated at its MOT. An approximate time for the sag study is 6 to 12 months after signing an interconnection agreement. Estimated Cost is \$186K. The new expected SE rating following the sag study will be 256 MVA 5E Type: FAC Cost: \$186,000 Time Estimate: 6-12 Months Ratings: 256 MVA SE Notes: 1. Since the cost of the upgrade is less than \$5M, based on PIM cost allocation criteria, AE1-144 currently does not receive cost allocation towards this upgrade. 2. As changes to the PIM queue process occur (such as prior queued projects withdrawing from the queue, reducing in size, etc.) AE1-144 could receive cost allocation. 3. Although Queue Project AE1-144 may not presently have cost responsibility for this upgrade, Queue Project AE1-144 may need this upgrade in-service to be deliverable to the PIM system. 4. If Queue Project AE1-144 comes into service prior to completion of the upgrade, Queue Project AE1-144 will need an interim study. AEP Reinforcement: Project ID: n5857 Description: Reconductor/rebuild 10.03 miles section of ACSR ~ 477 ~ 26/7 ~ HAWK Conductor section 1. Type: FAC Cost: \$15,040,000 Time Estimate: 24.36 Months	Facility	Upgrade Description	Cost	Cost Allocation	Upgrade Number		
Ratings: 449 MVA SE AE1-144 is the driver for this upgrade. Total \$1,613,000 \$15,040,000	05HILLSB 138 kV line (from bus 246946 to bus	AEP Reinforcement: Project ID: n5472 Description: A sag check will be required for the ACSR ~ 477 ~ 26/7 ~ HAWK - Conductor Section 1 to determine if the line section can be operated above its emergency rating of 185 MVA. The sag study results show that a distribution circuit crossing underneath structures 37-58 and 37-59 will need to be relocated to allow the line to be operated at its MOT. An approximate time for the sag study is 6 to 12 months after signing an interconnection agreement. Estimated Cost is \$186K. The new expected SE rating following the sag study will be 256 MVA SE. Type: FAC Cost: \$186,000 Time Estimate: 6-12 Months Ratings: 256 MVA SE Notes: 1. Since the cost of the upgrade is less than \$5M, based on PJM cost allocation criteria, AE1-144 currently does not receive cost allocation towards this upgrade. 2. As changes to the PJM queue process occur (such as prior queued projects withdrawing from the queue, reducing in size, etc.) AE1-144 could receive cost allocation. 3. Although Queue Project AE1-144 may not presently have cost responsibility for this upgrade, Queue Project AE1-144 may need this upgrade in-service to be deliverable to the PJM system. 4. If Queue Project AE1-144 comes into service prior to completion of the upgrade, Queue Project AE1-144 will need an interim study. AEP Reinforcement: Project ID: n5857 Description: Reconductor/rebuild 10.03 miles section of ACSR ~ 477 ~ 26/7 ~ HAWK Conductor section 1. Type: FAC Cost: \$15,040,000 Time Estimate: 24-36 Months Ratings: 449 MVA SE AE1-144 is the driver for this upgrade.	*\\$15,040,000	*15,040,000			

16 Steady-State Voltage Requirements

(Summary of the VAR requirements based upon the results of the steady-state voltage studies)

None

17 Light Load Analysis

No violation

18 Stability and Reactive Power Requirement for Low Voltage Ride Through

(Summary of the VAR requirements based upon the results of the dynamic studies)

Executive Summary

Generator Interconnection Request AE1-144 is for a 120 MW Maximum Facility Output (MFO) solar/battery storage generating facility, which consists of 41 Power Electronics FS3225 Solar Inverters. The batteries are solely charged by the solar arrays (DC coupled). The AE1-144 solar generating facility will be located in Fleming County, Kentucky.

To interconnect the AE1-144 solar generating facility, a new 138 kV switching substation with main and transfer bus configuration will be constructed by tapping the Goddard – Plumville 138 kV line in the East Kentucky Power Cooperative (EKPC) transmission system. The new substation will be approximately 9.90 miles from Goddard substation and 7.00 miles from Plumville substation and adjacent to the 138 kV line. Project AE1-144 will connect to the new substation via approximately 0.2 miles 138 kV transmission line. The Point of Interconnection (POI) will be at the terminal frame of the disconnect switch on the Interconnection Customer side.

This report describes a dynamic simulation analysis of AE1-144 as part of the overall system impact study. The load flow scenario for the analysis was based on the RTEP 2022 peak load case, modified to include applicable queue projects. AE1-144 has been dispatched online at maximum power output, with unity power factor and approximately 1.0 pu voltage at the generator terminals.

AE1-144 was tested for compliance with NERC, PJM, Transmission Owner, and other applicable criteria. 113 contingencies were studied, each with a 20 second simulation time period (with 1.0 second initial run prior to any events). Studied faults included:

- a) Steady state operation (Category P0);
- b) Three phase faults with normal clearing time on the intact network (Category P1);
- c) Single phase to ground faults with delayed clearing due to a stuck breaker (Category P4);
- d) Single phase faults placed at 80% of the line with delayed (Zone 2) clearing at line end remote from the fault due to primary communications/relay failure (Category P5);
- e) Single phase to ground faults with normal clearing for common structure (Category P7).

For all 113 fault contingencies tested on the 2022 peak load case:

- a) AE1-144 was able to ride through the faults (except for faults where protective action trips a generator(s)).
- b) Post-contingency oscillations were positively damped with a damping margin of at least 3%.
- c) Following fault clearing, all bus voltages recover to a minimum of 0.7 per unit after 2.5 seconds (except where protective action isolates that bus).
- d) No transmission element trips, other than those either directly connected or designed to trip as a consequence of that fault.

No mitigations were found to be required.

Please also note that the project AE1-144 meets the 0.95 leading and lagging reactive power requirement at the high side of facility main transformer.

18.1 Contingency Descriptions

Contingency Name	Contingency Definition	
DAY_P4_STUART_HH	CONTINGENCY 'DAY_P4_STUART_HH' OPEN LINE FROM BUS 253077 TO BUS 342838 CKT 1 / 253077 09STUART 345 342838 7SPURLOCK 345 1 OPEN LINE FROM BUS 253077 TO BUS 253076 CKT 1 / 253077 09STUART 345 253076 09STUART 138 1 END	
DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURL OCKDPLEK	CONTINGENCY 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK' OPEN BRANCH FROM BUS 342838 TO BUS 249581 CKT 1 OPEN BRANCH FROM BUS 253077 TO BUS 342838 CKT 1 END	
EKPC_P1-2_SPUR-STU345	CONTINGENCY 'EKPC_P1-2_SPUR-STU345' /* SPURLOCK - STUART OPEN BRANCH FROM BUS 253077 TO BUS 342838 CKT 1 /* 253077 09STUART 345.00 342838 7SPURLOCK 345.00 END	

Affected Systems

19 Affected Systems

19.1 TVA

None

19.2 Duke Energy Progress

None

19.3 MISO

None

19.4 LG&E

None

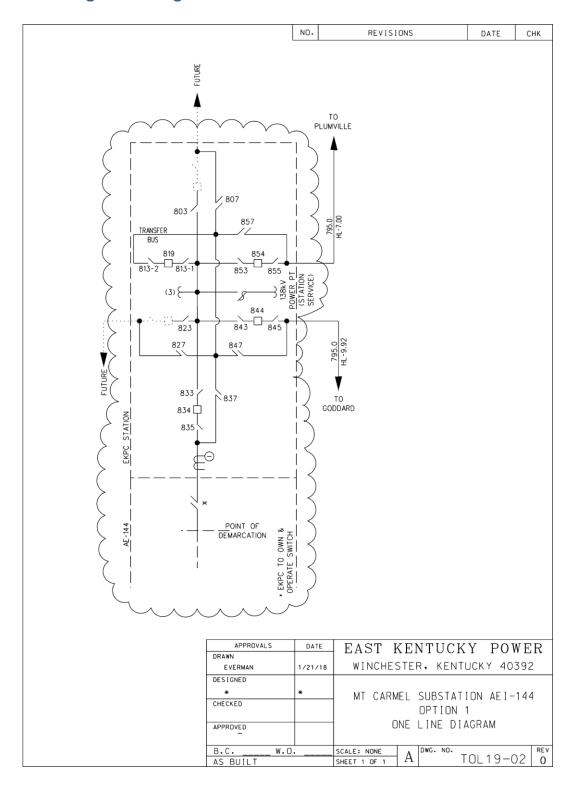
Short Circuit

20 Short Circuit

The following Breakers are overduty

None.

21 Attachment 1. Single Line Diagram



22 Appendices

The following appendices contain additional information about each flowgate presented in the body of the report. For each appendix, a description of the flowgate and its contingency was included for convenience. However, the intent of the appendix section is to provide more information on which projects/generators have contributions to the flowgate in question. All New Service Queue Requests, through the end of the Queue under study, that are contributors to a flowgate will be listed in the Appendices. Please note that there may be contributors that are subsequently queued after the queue under study that are not listed in the Appendices. Although this information is not used "as is" for cost allocation purposes, it can be used to gage the impact of other projects/generators. It should be noted the project/generator MW contributions presented in the body of the report and appendices sections are full contributions, whereas the loading percentages reported in the body of the report, take into consideration the commercial probability of each project as well as the ramping impact of "Adder" contributions.

Appendix 1

(AEP - AEP) The 05WLDCAT-05HILLSB 138 kV line (from bus 246946 to bus 243019 ckt 1) loads from 133.64% to 139.0% (AC power flow) of its emergency rating (185 MVA) for the tower line contingency outage of 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK'. This project contributes approximately 11.65 MW to the thermal violation.

CONTINGENCY 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK'
OPEN BRANCH FROM BUS 342838 TO BUS 249581 CKT 1
OPEN BRANCH FROM BUS 253077 TO BUS 342838 CKT 1
END

Bus Number	Bus Name	Full Contribution
932551	AC2-075 C	0.77
932552	AC2-075 E	0.39
936381	AD2-048 C	4.
936382	AD2-048 E	2.
939141	AE1-144 C O1	7.79
939142	AE1-144 E O1	3.87
LTF	CARR	0.05
LTF	CBM-S1	2.94
LTF	CBM-S2	0.51
LTF	CBM-W1	0.94
LTF	CBM-W2	13.35
LTF	CIN	1.3
LTF	CPLE	0.14
LTF	G-007	0.14
LTF	IPL	0.73
LTF	LGEE	1.13
LTF	MEC	1.64
LTF	O-066	0.87
LTF	RENSSELAER	0.04
LTF	WEC	0.14
916272	Z1-080 E	0.56
918802	AA1-099 E	0.37
925981	AC1-074 C 01	3.22
925982	AC1-074 E 01	1.38
926101	AC1-089 C 01	38.83
926102	AC1-089 E 01	63.36



Generation Interconnection REVISED

System Impact Study Report

for

Queue Project AE2-038

GODDARD-PLUMSVILLE 138 KV II

53.5 MW Capacity / 80 MW Energy

Table of Contents

Contents

1	Preface	3
2	General	4
2.1	Point of Interconnection	5
2.2	Cost Summary	5
3	Transmission Owner Scope of Work	6
4	Attachment Facilities	6
5	Direct Connection Cost Estimate	6
6	Non-Direct Connection Cost Estimate	6
7	Incremental Capacity Transfer Rights (ICTRs)	7
8	Interconnection Customer Requirements	7
9	Revenue Metering and SCADA Requirements	7
9.1	PJM Requirements	7
9.2	EKPC Requirements	7
10	Network Impacts	8
11	Generation Deliverability	10
12	Multiple Facility Contingency	10
13	Contribution to Previously Identified Overloads	10
14	Potential Congestion due to Local Energy Deliverability	11
18	System Reinforcements	13
19	Affected Systems	17
19.1	1 LG&E	17
19.2	2 MISO	17
19.3	3 TVA	17
19.4	4 Duke Energy Progress	17
20	Contingency Descriptions	18
21	Short Circuit	20
22	Attachment 1. Single Line Diagram	21
23	Attachment 2: Appendices	22

1 Preface

The intent of the System Impact Study is to determine a plan, with approximate cost and construction time estimates, to connect the subject generation interconnection project to the PJM network at a location specified by the Interconnection Customer. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system. All facilities required for interconnection of a generation interconnection project must be designed to meet the technical specifications (on PJM web site) for the appropriate transmission owner.

In some instances, a generator interconnection may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection, may also contribute to the need for the same network reinforcement. Cost allocation rules for network upgrades can be found in PJM Manual 14A, Attachment B. The possibility of sharing the reinforcement costs with other projects may be identified in the feasibility study, but the actual allocation will be deferred until the impact study is performed.

The System Impact Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

The Interconnection Customer seeking to interconnect a wind or solar generation facility shall maintain meteorological data facilities as well as provide that meteorological data which is required per Schedule H to the Interconnection Service Agreement and Section 8 of Manual 14D.

An Interconnection Customer with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for additional information.

2 General

The Interconnection Customer (IC), has proposed an uprate to an existing Solar/Storage generating facility located in Fleming County, Kentucky. The AE2-038 project requests an increase of 80 MW with 53.5 MW of this output being recognized by PJM as Capacity to the IC's previous AE1-144 project. The installed facilities will have a total capability of 200 MW with 133.7 MW of this output being recognized by PJM as Capacity.

The proposed in-service date for this project is 6/1/2022. This study does not imply a TO commitment to this in-service date.

Queue Number	AE2-038
Project Name	GODDARD-PLUMSVILLE 138 KV II
Interconnection Customer	Hummingbird Solar LLC
State	Kentucky
County	Fleming
Transmission Owner	EKPC
MFO	200
MWE	80
MWC	53.5
Fuel	Solar; Storage
Basecase Study Year	2022

2.1 Point of Interconnection

AE2-038 will interconnect with the EKPC transmission system tapping the Goddard to Plumville 138kV line.

The new 138 kV substation will be constructed by the IC's previous PJM Project # AE1-144.

Note: It is assumed that the 138 kV revenue metering system, gen lead and Protection & Control Equipment that will be installed for #AE1-144 will be adequate for the additional generation requested in AE2-038. Depending on the timing of the completion of the AE1-144 interconnection construction relative to the AE2-038 completion, there may (or may not) be a need to review and revise relay settings for the increased generation of AE2-038.

2.2 Cost Summary

The AE2-038 project will be responsible for the following costs:

Description	Total Cost
Attachment Facilities	\$0
Direct Connection Network Upgrade	\$0
Non Direct Connection Network Upgrades	\$0
Allocation for New System Upgrades	\$17,650,000
Contribution for Previously Identified Upgrades	\$6,016,000
Total Costs	\$23,666,000

3 Transmission Owner Scope of Work

4 Attachment Facilities

The total preliminary cost estimate for the Attachment work is given in the table below. These costs do not include CIAC Tax Gross-up.

No additional TO attachment facilities required beyond those identified for AE1-144.

5 Direct Connection Cost Estimate

The total preliminary cost estimate for the Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

No additional direct connection network upgrades required beyond those identified for AE1-144.

6 Non-Direct Connection Cost Estimate

The total preliminary cost estimate for the Non-Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

No additional non-direct connection network upgrades required beyond those identified for AE1-144.

7 Incremental Capacity Transfer Rights (ICTRs)

None

8 Interconnection Customer Requirements

- An Interconnection Customer entering the New Services Queue on or after October 1, 2012 with a
 proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW
 shall install and maintain, at its expense, phasor measurement units (PMUs). See Section 8.5.3 of
 Appendix 2 to the Interconnection Service Agreement as well as section 4.3 of PJM Manual 14D for
 additional information.
- 2. The Interconnection Customer may be required to install and/or pay for metering as necessary to properly track real time output of the facility as well as installing metering which shall be used for billing purposes. See Section 8 of Appendix 2 to the Interconnection Service Agreement as well as Section 4 of PJM Manual 14D for additional information.

9 Revenue Metering and SCADA Requirements

9.1 PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Sections 24.1 and 24.2.

9.2 **EKPC Requirements**

The Interconnection Customer will be required to comply with all EKPC Revenue Metering Requirements for Generation Interconnection Customers. The Revenue Metering Requirements may be found within the "EKPC Facility Connection Requirements" document located at the following link:

http://www.pjm.com/planning/design-engineering/to-tech-standards/ekpc.aspx

10 Network Impacts

The Queue Project AE2-038 was evaluated as a 80.0 MW (Capacity 53.5 MW) injection into a tap of the Goddard – Plumville 138 kV line substation in the EKPC area. Project AE2-038 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AE2-038 was studied with a commercial probability of 100%. Potential network impacts were as follows:

Summer Peak Load Flow

11 Generation Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

	AE2-038 Generation Deliverability													
		Contingency	Affected	Facility	В	us			Loa	ading	Ra	iting	MW	FG
#	Type	Name	Area	Description	From	To	Cir.	PF	Initial	Final	Type	MVA	Con.	App.
1	Non	Non	EKPC -	7SPURLOCK-	342838	253077	1	DC	99.81	101.42	NR	1240	19.91	1
			DAY	09STUART										
				345 kV line										

12 Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

	AE2-038 Multiple Facility Contingency													
		Contingency	Affected	Facility	В	us			Loa	ading	Ra	ating	MW	FG
#	Type	Name	Area	Description	From	To	Cir.	PF	Initial	Final	Type	MVA	Con.	App.
2	DCTL	DEO&K-DAY-EKPC.C5	EKPC -	2PLUMVILLE-	342091	341923	1	AC	91.24	102.03	ER	63	8.0	3
		4541MELDAHLSPRLCKSTUARTSP	EKPC	2MURPHYSVIL										
		URLOCKDPLEK		69 kV line										

13 Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

	Contingency		Affected	Facility	В	us			Loa	ading	Ra	iting	MW	FG
#	Type	Name	Area	Description	From	To	Cir.	PF	Initial	Final	Type	MVA	Con.	App.
3	DCTL	DEO&K-DAY-EKPC.C5	AEP -	05WLDCAT-	246946	243019	1	AC	142.6	146.17	ER	185	7.77	5
		4541MELDAHLSPRLCKSTUARTSP	AEP	05HILLSB 138					1					
		URLOCKDPLEK		kV line										

		Contingency	Affected	Facility	В	us			Loa	nding	Ra	iting	MW	FG
#	Type	Name	Area	Description	From	To	Cir.	PF	Initial	Final	Type	MVA	Con.	App.
4	LFFB	DAY_P4_STUART_HH	AEP -	05WLDCAT-	246946	243019	1	AC	116.7	119.2	ER	185	5.3	
			AEP	05HILLSB 138					7					
				kV line										

14 Potential Congestion due to Local Energy Deliverability

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

#	Туре	Name	Affected Area	Facility Description	From	То	Cir.	PF	Initial	Final	Туре	MVA	MW Con.	FG App.
5	N-1	EKPC_P1-2_SPUR-STU345	AEP -	05WLDCAT-	246946	243019	1	AC	116.1	118.6	ER	185	5.31	
			AEP	05HILLSB 138					7					
				kV line										
6	Non	Non	EKPC -	7SPURLOCK-	342838	253077	1	AC	95.09	97.5	NR	1240	29.77	
			DAY	09STUART										
				345 kV line										
<u> </u>	NI	N	FILE	76011010614	242020	252077	4	4.0	05.00	07.5	NID	1210	20.77	
7	Non	Non	EKPC -	7SPURLOCK-	342838	253077	1	AC	95.09	97.5	NR	1240	29.77	
			DAY	09STUART										
				345 kV line										
8	N-1	345 DEO&K B2 RED BANK-SG-	EKPC -	7SPURLOCK-	342838	253077	1	DC	97.04	99.15	ER	1532	32.11	
		ZIMMER 4545	DAY	09STUART										
				345 kV line										
9	N-1	EKPC_P1-2_GODD-PLUM 138-B	EKPC -	AE1-144 TAP-	939140	342589	1	AC	63.59	105.81	ER	186	80.0	
9	IN-T	EKPC_P1-2_GODD-PLOW 138-B			333140	342369	1	AC	03.39	103.61	EN	100	80.0	
			EKPC	4GODDARD										
				138 kV line										
					J									l

			Affected	Facility									MW	FG
#	Type	Name	Area	Description	From	To	Cir.	\mathbf{PF}	Initial	Final	Type	MVA	Con.	App.
1	N-1	EKPC_P1-2_GODD-PLUM 138-A	EKPC -	AE1-144 TAP-	939140	342634	1	AC	65.65	107.28	ER	186	80.0	
0			EKPC	4PLUMVILLE										
				138 kV line										

15 Steady-State Voltage Requirements

(Summary of the VAR requirements based upon the results of the steady-state voltage studies)

To be evaluated during the Facilities Study Phase

16 Stability and Reactive Power Requirements for Low Voltage Ride Through

(Summary of the VAR requirements based upon the results of the dynamic studies)

To be evaluated during the Facilities Study Phase

17 Light Load Analysis

Light Load Studies (applicable to wind, coal, nuclear, and pumped storage projects).

Not required

18 System Reinforcements

New System Reinforcements

(Upgrades required to mitigate reliability criteria violations, i.e. Network Impacts, initially caused by the addition of this project generation)

Facility	Upgrade Description	Cost	Cost Allocation	Upgrade Number
7SPURLOCK- 09STUART 345 kV line (from bus 342838 to bus 253077 ckt 1)	EKPC End EKPC SE rating is 1532 MVA. The EKPC end does not require upgrades. Dayton Reinforcement: Project ID: N5780 Description: Re-conductor Stuart-Spurlock line with twin bundle 1033 Curlew ACCR conductor. Type: FAC Cost: \$17,000,000 Time Estimate: 18 Months Ratings: 1556 MVA SE AE2-038 is the driver for this upgrade.	\$17,000,000	\$17,000,000	N5780
2PLUMVILLE- 2MURPHYSVIL 69 kV line (from bus 342091 to bus 341923 ckt 1)	EKPC Reinforcement: Project ID: N6480 Description: Increase the maximum operating temperature of the 266 MCM ACSR conductor in the Murphysville-Plumville 69 kV line section to 266 degrees F (9.9 miles) Type: FAC Cost: \$650,000 Time Estimate: 9 Months Ratings: 66 MVA SE AE2-038 is the driver for this upgrade.	\$650,000	\$650,000	N6480
	Total	\$17,650,000	\$17,650,000	

Contribution to Previously Identified System Reinforcements

(Overloads initially caused by prior Queue positions with additional contribution to overloading by this project. This project may have a % allocation cost responsibility which will be calculated and reported for the Impact Study)

(Summary form of Cost allocation for transmission lines and transformers will be inserted here if any)

Facility	Upgrade Description	Cost	Cost Allocation	Upgrade Number
	AEP AEP SE rating is 185 MVA. AEP Reinforcement: Project ID: n5472 Description: A sag check will be required for the ACSR ~ 477 ~26/7 ~ HAWK - Conductor Section 1 to determine if the line section can be operated above its emergency rating of 185 MVA. The sag study results show that a distribution circuit crossing underneath structures 37-58 and 37-59 will need to be relocated to allow the line to be operated at its MOT. An approximate time for the sag study is 6 to 12 months after signing an interconnection agreement. Estimated Cost is \$186K. The new expected SE rating following the sag study will be 256 MVA SE. Type: FAC Cost: \$186,000 Time Estimate: 6-12 Months Ratings: 256 MVA SE			
05WLDCAT- 05HILLSB 138 kV line (from bus 246946 to bus 243019 ckt 1)	Notes: 1. Since the cost of the upgrade is less than \$5M, based on PJM cost allocation criteria, AE2-038 currently does not receive cost allocation towards this upgrade. 2. As changes to the PJM queue process occur (such as prior queued projects withdrawing from the queue, reducing in size, etc.) AE2-038 could receive cost allocation. 3. Although Queue Project AE2-038 may not presently have cost responsibility for this upgrade, Queue Project AE2-038 may need this upgrade in-service to be deliverable to the PJM system. 4. If Queue Project AE2-038 comes into service prior to completion of the upgrade, Queue Project AE2-038 will need an interim study. AEP Reinforcement: Project ID: n5857 Description: Re-conductor/rebuild 10.03 miles section of ACSR ~ 477 ~ 26/7 ~ HAWK Conductor section 1. Type: FAC Cost: \$15,040,000 Time Estimate: 24-36 Months Ratings: 449 MVA SE The cost allocation is as follows:	\$186,000 + \$15,040,000	\$0 + \$6,016,000	N5472 N5857

Queue	MW contribution	Percentage of Cost	\$ cost (\$15.04 M)			
AE1-144	11.6	60.000	9.024			
AE2-038	7.8	40.000	6.016			
Total				\$15,226,000	\$6,016,000	

Affected Systems

19 Affected Systems

19.1 LG&E

An LG&E affected system study will be required for AE2-038.

19.2 MISO

None.

19.3 TVA

None

19.4 Duke Energy Progress

None

20 Contingency Descriptions

Contingency Name	Contingency Definition	
345 DEO&K B2 RED BANK-SG-ZIMMER 4545	CONTINGENCY '.345.DEO&K.B2 RED BANK-SG-ZIMMER 4545' OPEN BRANCH FROM BUS 249573 TO BUS 249577 CKT 1 OPEN BRANCH FROM BUS 249573 TO BUS 250097 CKT 1 OPEN BRANCH FROM BUS 249571 TO BUS 249573 CKT 1 END	
DAY_P4_STUART_HH	CONTINGENCY 'DAY_P4_STUART_HH' OPEN LINE FROM BUS 253077 TO BUS 342838 CKT 1 / 253077 09STUART 345 342838 7SPURLOCK 345 1 OPEN LINE FROM BUS 253077 TO BUS 253076 CKT 1 / 253077 09STUART 345 253076 09STUART 138 1 END	
DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKD PLEK	CONTINGENCY 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK' OPEN BRANCH FROM BUS 342838 TO BUS 249581 CKT 1 OPEN BRANCH FROM BUS 253077 TO BUS 342838 CKT 1 END	
EKPC_P1-2_GODD-PLUM 138-A	CONTINGENCY 'EKPC_P1-2_GODD-PLUM 138-A' OPEN BRANCH FROM BUS 342589 TO BUS 939140 CKT 1 /* 342589 4GODDARD 138.00 939140 AE1-144 TAP 138.00 END	/* GODDARD - PLUMVILLE
EKPC_P1-2_GODD-PLUM 138-B	CONTINGENCY 'EKPC_P1-2_GODD-PLUM 138-B' OPEN BRANCH FROM BUS 939140 TO BUS 342634 CKT 1 4PLUMVILLE 138.00 END	/* GODDARD - PLUMVILLE /* 939140 AE1-144 TAP 138.00 342634
EKPC_P1-2_SPUR-STU345	CONTINGENCY 'EKPC_P1-2_SPUR-STU345' OPEN BRANCH FROM BUS 253077 TO BUS 342838 CKT 1 7SPURLOCK 345.00 END	/* SPURLOCK - STUART /* 253077 09STUART 345.00 342838
DAY_P4_STUART_HH	CONTINGENCY 'DAY_P4_STUART_HH' OPEN LINE FROM BUS 253077 TO BUS 342838 CKT 1 7SPURLOCK 345 1 OPEN LINE FROM BUS 253077 TO BUS 253076 CKT 1 09STUART 138 1 END	/ 253077 09STUART 345 342838 / 253077 09STUART 345 253076

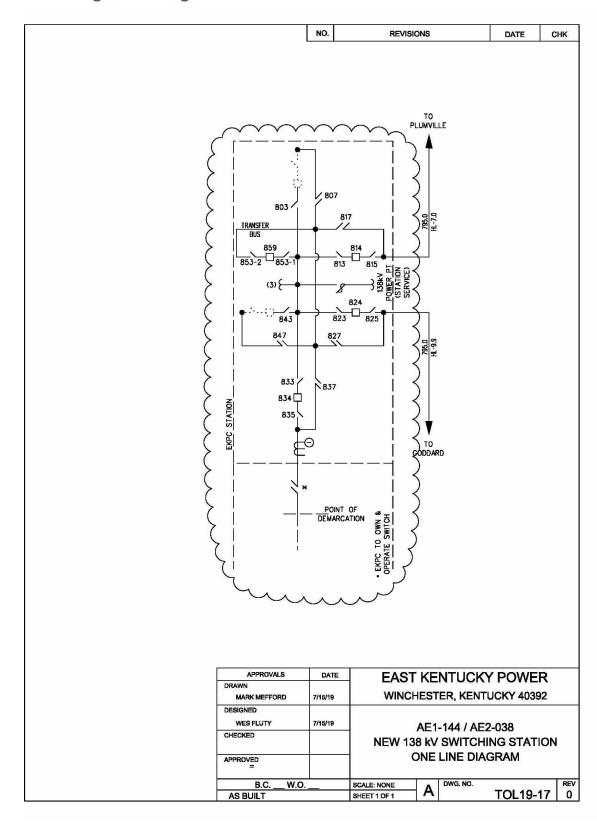
Short Circuit

21 Short Circuit

The following Breakers are overduty

None

22 Attachment 1. Single Line Diagram



23 Attachment 2: Appendices

The following appendices contain additional information about each flowgate presented in the body of the report. For each appendix, a description of the flowgate and its contingency was included for convenience. However, the intent of the appendix section is to provide more information on which projects/generators have contributions to the flowgate in question. All New Service Queue Requests, through the end of the Queue under study, that are contributors to a flowgate will be listed in the Appendices. Please note that there may be contributors that are subsequently queued after the queue under study that are not listed in the Appendices. Although this information is not used "as is" for cost allocation purposes, it can be used to gage the impact of other projects/generators.

It should be noted the project/generator MW contributions presented in the body of the report and appendices sections are full contributions, whereas the loading percentages reported in the body of the report, take into consideration the commercial probability of each project as well as the ramping impact of "Adder" contributions.

(EKPC - DAY) The 7SPURLOCK-09STUART 345 kV line (from bus 342838 to bus 253077 ckt 1) loads from 99.81% to 101.42% (DC power flow) of its normal rating (1240 MVA) for non-contingency condition. This project contributes approximately 19.91 MW to the thermal violation.

Bus Number	Bus Name	Full Contribution
251970	08MELDL1	1.6
251971	08MELDL2	1.6
251972	08MELDL3	1.61
251968	08ZIMRHP	28.06
251969	08ZIMRLP	15.37
342918	1JKCT 1G	4.05
342921	1JKCT 2G	4.05
342924	1JKCT 3G	4.05
342927	1JKCT 4G	2.69
342930	1JKCT 5G	2.68
342933	1JKCT 6G	2.69
342936	1JKCT 7G	2.69
342939	1JKCT 9G	2.98
342942	1JKCT 10G	2.98
342957	1SPURLK1G	20.63
342960	1SPURLK2G	38.96
342963	1SPURLK3G	20.47
342966	1SPURLK4G	20.47
932461	AC2-066 C	-3.89
932551	AC2-075 C	3.44
936381	AD2-048 C	11.32
936571	AD2-072 C O1	9.29
938921	AE1-120	-6.
939131	AE1-143 C	6.95
939141	AE1-144 C O1	29.85
940531	AE2-038 C O1	19.91
941411	AE2-138 C	57.64
941981	AE2-210 C O1	19.86
942411	AE2-254 C O1	4.65
942591	AE2-275 C O1	14.5
942891	AE2-308 C O1	24.35
943111	AE2-339 C	6.81
LTF	CARR	0.48
LTF	CBM-S1	14.13
LTF	CBM-S2	1.95
LTF	CBM-W1	5.76
LTF	CBM-W2	71.61
LTF	CIN	8.26
LTF	CPLE	0.43

LTF	IPL	5.19
LTF	LGE-0012019	5.69
LTF	LGEE	5.38
LTF	MEC	9.35
LTF	RENSSELAER	0.38
LTF	WEC	0.93
930061	AB1-014 C	-6.48
925981	AC1-074 C 01	14.48
926061	AC1-085 C 01	-36.4
926951	AC1-182	4.3

None.

(EKPC - EKPC) The 2PLUMVILLE-2MURPHYSVIL 69 kV line (from bus 342091 to bus 341923 ckt 1) loads from 91.24% to 102.03% (AC power flow) of its emergency rating (63 MVA) for the tower line contingency outage of 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK'. This project contributes approximately 8.0 MW to the thermal violation.

Bus Number	Bus Name	Full Contribution
939141	AE1-144 C O1	8.02
939142	AE1-144 E O1	3.98
940531	AE2-038 C 01	5.35
940532	AE2-038 E 01	2.65
LTF	BLUEG	0.19
LTF	CARR	< 0.01
LTF	CBM-S1	0.1
LTF	CBM-S2	0.04
LTF	CBM-W2	0.12
LTF	COFFEEN	0.01
LTF	CPLE	< 0.01
LTF	DUCKCREEK	0.03
LTF	EDWARDS	0.02
LTF	<i>FARMERCITY</i>	< 0.01
LTF	G-007	0.03
LTF	GIBSON	< 0.01
LTF	NEWTON	0.03
LTF	O-066	0.17
LTF	PRAIRIE	0.02
LTF	RENSSELAER	< 0.01
LTF	TILTON	0.02
LTF	TRIMBLE	0.03

Appendix 4

None.

(AEP - AEP) The 05WLDCAT-05HILLSB 138 kV line (from bus 246946 to bus 243019 ckt 1) loads from 142.61% to 146.17% (AC power flow) of its emergency rating (185 MVA) for the tower line contingency outage of 'DEO&K-DAY-EKPC.C5 4541MELDAHLSPRLCKSTUARTSPURLOCKDPLEK'. This project contributes approximately 7.77 MW to the thermal violation.

Bus Number	Bus Name	Full Contribution
932551	AC2-075 C	0.76
932552	AC2-075 E	0.39
936381	AD2-048 C	4.
936382	AD2-048 E	1.99
939141	AE1-144 C O1	7.79
939142	AE1-144 E O1	3.86
940531	AE2-038 C 01	5.19
940532	AE2-038 E 01	2.57
941411	AE2-138 C	10.54
941412	AE2-138 E	3.9
941981	AE2-210 C O1	3.63
941982	AE2-210 E O1	1.37
943111	AE2-339 C	1.38
943112	AE2-339 E	0.68
LTF	CARR	0.05
LTF	CBM-S1	2.92
LTF	CBM-S2	0.51
LTF	CBM-W1	0.91
LTF	CBM-W2	13.23
LTF	CIN	1.29
LTF	CPLE	0.14
LTF	G-007	0.14
LTF	IPL	0.72
LTF	LGEE	1.12
LTF	MEC	1.61
LTF	O-066	0.91
LTF	RENSSELAER	0.04
LTF	WEC	0.14
916272	Z1-080 E	0.56
918802	AA1-099 E	0.37
925981	AC1-074 C O1	3.22
925982	AC1-074 E O1	1.38
926101	AC1-089 C O1	38.83
926102	AC1-089 E O1	63.35

Exhibit E

COMMONWEALTH OF KENTUCKY BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION AND TRANSMISSION SITING

	1		-3/3			
In t	130	N/	21	tor	0	
***	111	IV	CL	101	•	

ELECTRONIC APPLICATION OF	
HUMMINGBIRD ENERGY LLC FOR A	
CERTIFICATE OF CONSTRUCTION	
FOR AN APPROXIMATELY 200	
MEGAWATT MERCHANT ELECTRIC	Case No. 2022-00272
SOLAR GENERATING FACILITY AND	Case 140. 2022 002.72
NONREGULATED ELECTRIC	
TRANSMISSION LINE IN FLEMING	
COUNTY, KENTUCKY PURSUANT TO	
KRS 278.700 AND 807 KAR 5:110	

Proof of Service in Compliance with KRS 278.706(2)(h) and KRS 278.714(2)(f)

Comes the Affiant, Damon Long, and hereby states as follows:

- 1. I am over the age of 18 and a resident of Kentucky.
- 2. On this day, June 23, 2023, I personally delivered physical and electronic versions of the Hummingbird Energy LLC Application for a Certificate of Construction for a merchant solar electric generating facility and nonregulated transmission line to the following individual/location:

County Judge-Executive John Sims Jr. 100 Court Square Flemingsburg, KY 41041

I affirm under the penalties of perjury that the foregoing representations are true.

Date: June 23, 2023

Damon Long

STATE OF Kentucky	
-0)) SS:
COUNTY OF Jefferson)

Subscribed and sworn to before me, a Notary Public in and for said County and State, by Damon Long on this 23rd day of June, 2023.

My Commission Expires:	Notary Public – Written
My County of Residence:	Duwannak. Ingle

[NOTARY PUBLIC AFFIX NOTARY SEAL]

DUWANNA K. INGLE

Notary Public, ID No. KYNP18018

State at Large, Kentucky

My Commission Expires Nov. 5, 2024

Exhibit F

HUMMINGBIRD SOLAR

ECONOMIC & FISCAL CONTRIBUTION TO FLEMING COUNTY & THE STATE OF KENTUCKY

(PRIVATE FINANCING SCENARIO)



Prepared for



A subsidiary of Canadian Solar



4201 DOMINION BOULEVARD, SUITE 114 GLEN ALLEN, VIRGINIA 23060 804-346-8446

MANGUMECONOMICS.COM

JANUARY 2022

About Mangum Economics, LLC

Mangum Economics, LLC is a Glen Allen, Virginia based firm that specializes in producing objective economic, quantitative, and qualitative analysis in support of strategic decision making. Much of our recent work relates to IT & Telecom Infrastructure (data centers, terrestrial and subsea fiber), Renewable Energy, and Economic Development. Examples of typical studies include:

POLICY ANALYSIS

Identify the intended and, more importantly, unintended consequences of proposed legislation and other policy initiatives.

ECONOMIC IMPACT ASSESSMENTS AND RETURN ON INVESTMENT ANALYSES.

Measure the economic contribution that businesses and other enterprises make to their localities.

WORKFORCE ANALYSIS

Project the demand for, and supply of, qualified workers.

CLUSTER ANALYSIS

Use occupation and industry clusters to illuminate regional workforce and industry strengths and identify connections between the two.

The Project Team

Martina Arel, M.B.A.

Research Director —

Economic Development and Renewable Energy

A. Fletcher Mangum, Ph.D. Founder and CEO



Table of Contents

Executive Summary	2
Introduction	6
The Project	6
Electricity Production in Kentucky	6
Overall Market	6
Sources of Production	7
Impact on the Environment	8
Local Economic Profile	10
Total Employment	10
Employment and Wages by Major Industry Sector	11
Unemployment	13
Economic and Fiscal Impact	15
Method	15
Construction Phase	16
Assumptions	16
Results – Fleming County	16
Results – Kentucky Statewide	17
Ongoing Operations Phase	18
Economic Impact Assumptions	18
Results – Fleming County	18
Results – Kentucky Statewide	18
Fiscal Impact Assumptions	19
Fiscal Impact Results	20
Total Fiscal Impact	27
Current Agricultural Use	29
Economic Impact	29
Fiscal Impact	30



\mathbb{N}

Executive Summary

This report assesses the economic and fiscal contribution that the proposed Hummingbird Solar project would make to Fleming County and to the Commonwealth of Kentucky. The primary findings from that assessment are as follows:

- Hummingbird Solar is a proposed 200-megawatt (MW) alternating current (AC) utility-scale solar photovoltaic power generating facility that would be developed by Recurrent Energy.
 The project would be located on approximately 1,638 acres of leased agricultural land at Millersburg Pike and Ruddles Mill Road in Fleming County, Kentucky.
- The proposed Hummingbird Solar project would make a significant economic contribution to Fleming County and to the Commonwealth of Kentucky during construction of the project:
 - The proposed Hummingbird Solar project would provide an estimated one-time pulse of economic activity to Fleming County during its construction phase supporting approximately:
 - 268 direct, indirect, and induced jobs.
 - \$8.3 million in associated labor income.¹
 - \$30.2 million in economic output.
 - \$1.7 million in state and local tax revenue.
 - The proposed Hummingbird Solar project would provide an estimated one-time pulse of economic activity to the Commonwealth of Kentucky (including Fleming County) during its construction phase supporting approximately:
 - 940 direct, indirect, and induced jobs.
 - \$45.6 million in associated labor income.
 - \$136.8 million in economic output.
 - \$6.8 million in state and local tax revenue.
- The proposed Hummingbird Solar project would make a significant economic contribution to Fleming County and to the Commonwealth of Kentucky during its ongoing operational phase:²
 - The proposed Hummingbird Solar project would provide an estimated annual economic impact to Fleming County during its ongoing operational phase supporting approximately:
 - 4 direct and 4 indirect and induced jobs.
 - \$234,800 in associated labor income.
 - \$915,000 in economic output.

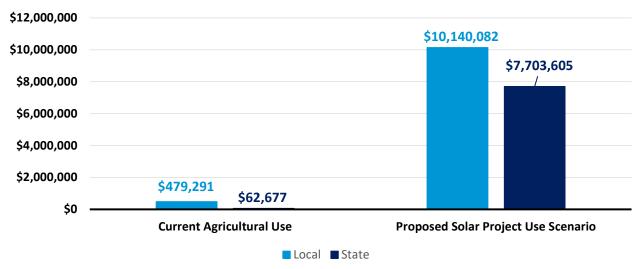
² Please refer to the economic impact section of the report (p. 18f) for additional detail.



 $^{^{\}rm 1}\,\mbox{Labor}$ income includes wages and benefits.

- \mathcal{N}
- The proposed Hummingbird Solar project would provide an estimated annual economic impact to the Commonwealth of Kentucky (including Fleming County) during its ongoing operational phase supporting approximately:
 - 4 direct and 5 indirect and induced jobs.
 - \$276,600 in associated labor income.
 - \$1.1 million in economic output.
- The proposed Hummingbird Solar project would have a significantly greater fiscal impact on Fleming County and the Commonwealth of Kentucky than the property generates in its current agricultural use:³
 - The proposed Hummingbird Solar project would generate approximately \$10.1 million in cumulative local tax revenue⁴ as compared to approximately \$479,291 in cumulative local tax revenue over 40 years in the property's current agricultural use (in 2022 dollars).
 - The proposed Hummingbird Solar project would also generate approximately \$7.7 million in cumulative state tax revenue as compared to approximately \$62,677 in cumulative state tax revenue over 40 years in the property's current agricultural use (in 2022 dollars).

Estimated Cumulative Fleming County and Commonwealth of Kentucky Tax Revenue over 40 Years - Private Financing (2022 dollars)



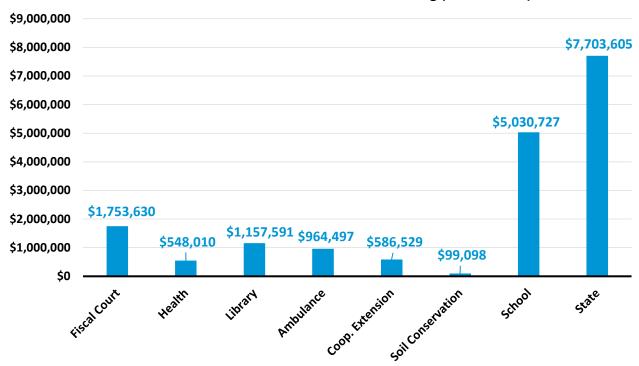
⁴ Refers to the local real and personal property tax revenue for the county fiscal court, health, library, ambulance, extension services, soil conservation, and school district taxing jurisdictions.



³ Please note that the future tax revenue stream for the investments has been calculated based on the cost approach to valuation due to data limitations on the future income streams of the project. Actual revenues generated by Hummingbird Solar may therefore vary from the analysis presented because they do not include the impact on the revenues that are associated with the franchise value of the project. Actual tax revenues are also subject to change based on final design, vendor contracts, and classification of investments.

- Taxation of the proposed Hummingbird Solar project over the facility's anticipated 40year operational life under a private financing scenario would generate approximately:
 - \$1.8 million for the county fiscal court,
 - \$0.5 million for the health jurisdiction,
 - \$1.2 million for the library jurisdiction,
 - o \$1.0 million for the ambulance jurisdiction,
 - \$0.6 million for the extension services jurisdiction,
 - \$0.1 million for soil conservation,
 - \$5.0 million for the school district, and
 - \$7.7 million for the Commonwealth of Kentucky.

Estimated Cumulative Fleming County and Commonwealth of Kentucky Tax Revenue over 40 Years - Private Financing (2022 dollars)







- The proposed Hummingbird Solar project would provide a boost to Fleming County's construction sector:
 - At 149 jobs, construction is Fleming County's 6th largest industry super sector. It also pays average weekly wages (\$1,199/week) that are the highest in the county and 60 percent above the county-wide average (\$750/week).⁵
 - Additionally, the construction sector posted the third largest job gain of any sectors in the county between the 1st Quarter of 2020 and 1st Quarter of 2021 (a gain of 21 jobs).
 - The proposed Hummingbird Solar project could directly support approximately 216 jobs and \$6.5 million in labor income in Fleming County's construction sector.⁶

The estimates provided in this report are based on the best information available and all reasonable care has been taken in assessing that information. However, because these estimates attempt to foresee circumstances that have not yet occurred, it is not possible to provide any assurance that they will be representative of actual events. These estimates are intended to provide a general indication of likely future outcomes and should not be construed to represent a precise measure of those outcomes.

⁶ Please note that although employment within a local construction sector can sometimes quickly expand to take advantage of new opportunities, because of the relatively small size of Fleming County's existing construction sector it is not possible to know with certainty what proportion of these jobs would go to county construction contractors or be filled by county residents. Labor income includes wages and benefits.



⁵ Data Source: Bureau of Labor Statistics, QCEW, Quarter 1, 2021.

Introduction

This report assesses the economic and fiscal contribution that the proposed Hummingbird Solar project would make to Fleming County and to the Commonwealth of Kentucky. This report was commissioned by Recurrent Energy and produced by Mangum Economics.

The Project

Hummingbird Solar is a proposed 200-megawatt (MW) alternating current (AC) utility-scale solar photovoltaic power generating facility that would be developed by Recurrent Energy. The project would be located on approximately 1,638 acres of leased agricultural land at Millersburg Pike and Ruddles Mill Road in Fleming County, Kentucky.

Electricity Production in Kentucky

This section provides a backdrop for the proposed Hummingbird Solar project by profiling Kentucky's electricity production sector and the role that solar energy could play in that sector.

Overall Market

As shown in Figure 1, electricity sales and direct use in Kentucky totaled 72.1 million megawatt hours in 2020. However, net generation only totaled 63.5 million megawatt hours and Kentucky had to import the remaining electricity it consumed from producers in other states. As with all imports, this means that the jobs, wages, and economic output created by that production went to localities in those states, not to localities in Kentucky.

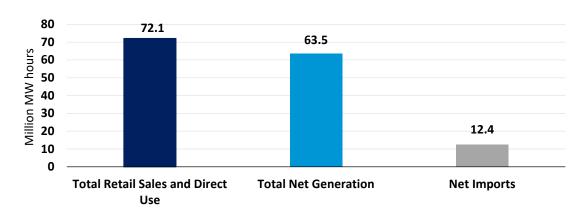


Figure 1: Demand and Supply of Electricity in Kentucky in 2020 (in millions of megawatt-hours)⁷

⁷ Data Source: U.S. Energy Information Administration. In this chart, "Net Imports" does not directly equal the residual of "Total Net Generation" minus "Total Retail Sales and Direct Use" because of losses during transmission.



Sources of Production

Between 2010 and 2020, the total amount of electricity produced in Kentucky decreased from 98.2 to 63.5 million megawatt hours, while retail and direct consumption of electricity only decreased from 94.0 to 72.1 million megawatt hours. Consequently, imports of electricity increased by 10.0 million megawatt hours during this time.⁸

Figure 2 provides a comparison of the energy sources that were used to produce electricity in Kentucky in 2010 and 2020. As these data show, the most significant change between 2010 and 2020 was a decrease in the use of coal and an increase in the use of natural gas. Where coal was the state's largest source of electricity in 2010, accounting for 91.1 million megawatt hours (or 93 percent) of production, by 2020 production had fallen by 47.5 million megawatt hours, keeping coal as the largest source of electricity, but reducing the proportion to 69 percent of total production.

In contrast, the share of electricity produced using cleaner-burning low-emissions energy sources increased over the period. Where natural gas accounted for only 1.8 million megawatt hours (or 2 percent) of Kentucky's electricity production in 2010, by 2020 that proportion had increased to 14.4 million megawatt hours (or 23 percent of production), making natural gas the state's second largest source of electricity. Solar entered the state's electricity production market in 2016 and its share increased to 0.04 million megawatt hours by 2020.

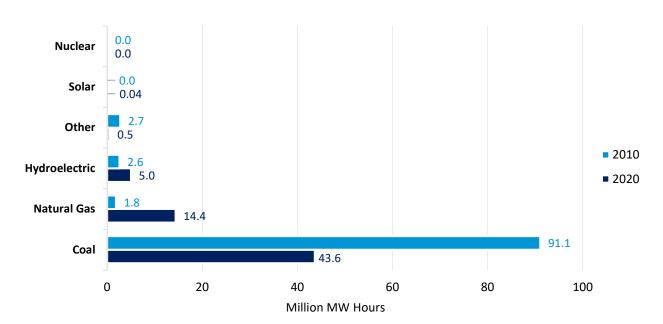


Figure 2: Electricity Generation in Kentucky by Energy Source in 2010 and 2020 (in millions of megawatt-hours) ⁹

⁹ Data Source: U.S. Energy Information Administration. "Other" includes other biomass, other, petroleum, and wood.



⁸ Imports also takes into account losses during transmission. As a result, totals do not equal sum of components.

Figure 3 provides similar data for the U.S. as a whole. A quick comparison of Figures 2 and 3 shows that although the degree of reliance on specific energy sources for electricity production is quite different between the U.S. and Kentucky, the trend toward lower-emissions energy sources is the same. Nationally, between 2010 and 2020 the amount of electricity produced using coal declined by 1,073.9 million megawatt hours from 45 to 19 percent of production, while in contrast the amount of electricity produced using natural gas increased by 636.4 million megawatt hours from 24 to 41 percent of production. Nationwide, as in Kentucky, the reliance on renewable energy sources increased during this time but at a much faster pace than in Kentucky. Between 2010 and 2020, the amount of electricity produced using solar increased by 88.0 million megawatt hours to 2 percent of total electricity production compared to 0.07 percent of total electricity production in Kentucky.



Figure 3: Electricity Generation in the United States by Energy Source in 2010 and 2020 (in millions of megawatt-hours) ¹⁰

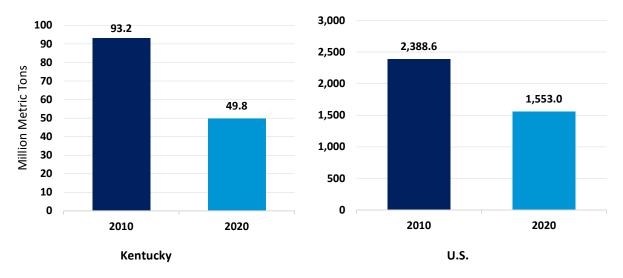
Impact on the Environment

In discussing the impact of these trends on the environment, it is important to realize that electricity production is one of the U.S.'s largest sources of greenhouse gas emissions. Figure 4 depicts carbon dioxide emissions from electricity production in 2010 and 2020 for both Kentucky and the U.S. As these data indicate, between 2010 and 2020, as the share of electricity produced in Kentucky by coal fell from 93 to 69 percent, carbon dioxide emissions from electricity production fell from 93.2 to 49.8 million metric tons. Where at the national level, as the share of electricity produced by coal fell from 45 to 19 percent, carbon dioxide emissions from electricity production fell from 2,388.6 to 1,553.0 million metric tons.

¹⁰ Data Source: U.S. Energy Information Administration. "Other" includes battery, geothermal, other, other biomass, other gas, petroleum, pumped storage, and wood.







¹¹ Data Source: U.S. Energy Information Administration.



Local Economic Profile

The local economic profile offers context for the economic and fiscal impact assessments to follow by profiling the local economy of Fleming County.

Total Employment

Figure 5 depicts the trend in total employment in Fleming County from June 2016 to June 2021. As these data show, aside from seasonal fluctuations employment in Fleming County generally trended upward throughout the period, until April 2020, when total employment declined significantly in response to a decrease in economic activity associated with the COVID-19 pandemic. Total employment partially recovered in the year that followed but has not reached pre-pandemic levels. As of June 2021, total employment stood at 3,081 jobs, which represents an overall increase of 92 jobs or 3.1 percent over the entire five-year period. To put this number in perspective, over this same five-year period, total statewide employment in Kentucky declined by 1.2 percent.¹²



Figure 5: Total Employment in Fleming County – June 2016 to June 2021¹³

To control for seasonality and provide context for the growth numbers given above, Figure 6 compares the year-over-year change in total employment in Fleming County to that of Kentucky as a whole over the same five-year period. Any point above the zero line in this graph indicates an increase in employment, while any point below the zero line indicates a decline in employment. As these data show, Fleming County fluctuated between periods of year-over-year employment increases and declines, outperforming and underperforming the statewide trend in Kentucky. Fleming County was also more adversely impacted than the state as a whole in April 2020 as a result of labor dislocations caused

¹³ Data Source: Bureau of Labor Statistics.



 $^{^{\}rm 12}$ Data Source: Bureau of Labor Statistics.

by the coronavirus pandemic, but the county outperformed the statewide norm during the recovery. As of June 2021, the year-over-year change in total employment in Fleming County was 3.6 percent while the year-over-year change in employment for Kentucky as a whole was 5.6 percent.

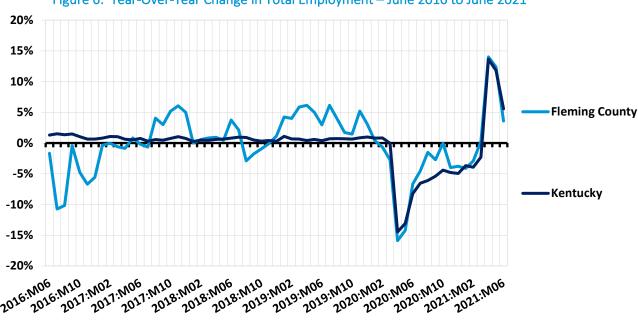


Figure 6: Year-Over-Year Change in Total Employment – June 2016 to June 2021¹⁴

Employment and Wages by Major Industry Sector

To provide a better understanding of the underlying factors motivating the total employment trends depicted in Figures 5 and 6, Figures 7 through 9 provide data on private employment and wages in Fleming County by industry super sector.¹⁵

Figure 7 provides an indication of the distribution of private sector employment across industry super sectors in Fleming County for the first quarter of 2021. As these data indicate, the county's largest industry super sector that quarter was Trade, Transportation and Utilities (679 jobs), followed by Manufacturing (566 jobs), and Education and Health Services (484 jobs).

Figure 8 provides a similar ranking for average private sector weekly wages by industry super sector in Fleming County for the first quarter of 2021. As these data show, the highest paying industry super sectors that quarter were Construction (\$1,199 per week), Financial Activities (\$1,158 per week), and Education and Health Services (\$883 per week). For reference, the average private sector weekly wage across all industry sectors in Fleming County that quarter was \$750 per week.

¹⁵ A "super sector" is the highest level of aggregation in the coding system that the Bureau of Labor Statistics uses to classify industries.



¹⁴ Data Source: Bureau of Labor Statistics.

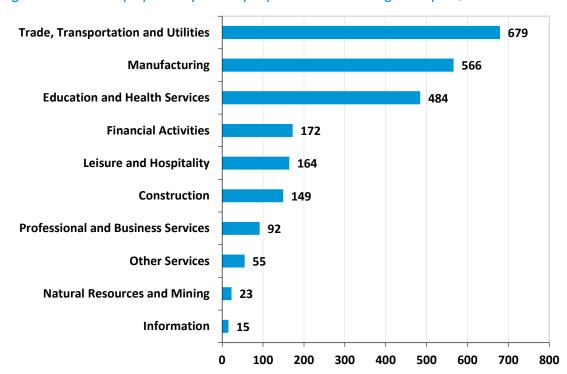
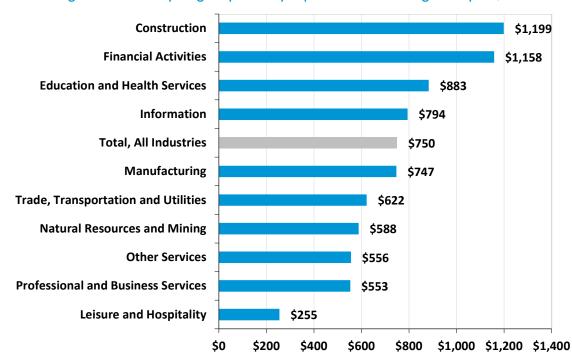


Figure 7: Private Employment by Industry Super Sector in Fleming County – Qu. 1 2021¹⁶

Figure 8: Average Private Weekly Wages by Industry Super Sector in Fleming County – Qu. 1 2021¹⁷



¹⁶ Data Source: Bureau of Labor Statistics.

¹⁷ Data Source: Bureau of Labor Statistics.



Lastly, Figure 9 details the year-over-year change in private sector employment from the first quarter of 2020 to the first quarter of 2021 in Fleming County by industry super sector. The largest employment gains occurred in the Professional and Business Services (up 34 jobs), Trade, Transportation and Utilities (up 23 jobs), and Construction (up 21 jobs) and) sectors. The largest employment losses occurred in the Leisure and Hospitality (down 31 jobs), Financial Activities (down 28 jobs), and Education and Health Services (down 12 jobs) sectors.

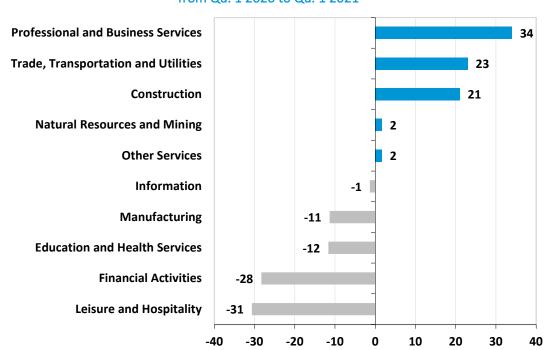


Figure 9: Change in Private Employment by Major Industry in Fleming County from Qu. 1 2020 to Qu. 1 2021¹⁸

Unemployment

Figure 10 illustrates the trend in Fleming County's unemployment rate over the five-year period from October 2016 through October 2021 and benchmarks those data against the statewide trend for Kentucky. As these data show, unemployment rates in Fleming County generally tracked closely with statewide trends but at rates on average 1.1 percentage points above the statewide rate. During the recovery from the pandemic, unemployment rates in Fleming County were much closer to the statewide average, and as of October 2021, unemployment stood at 4.1 percent in Fleming County as compared to 3.7 percent in Kentucky as a whole.

¹⁸ Data Source: Bureau of Labor Statistics.



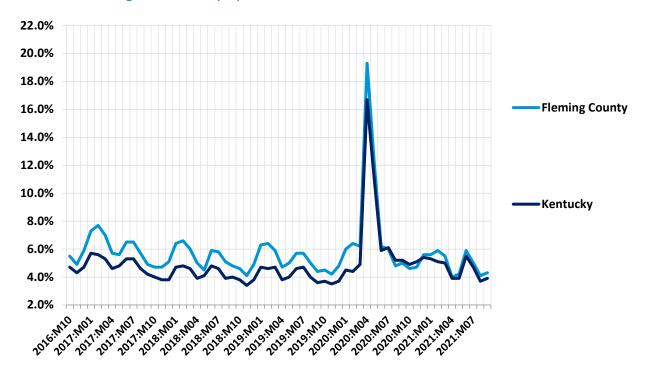


Figure 10: Unemployment Rate – October 2016 to October 2021¹⁹

¹⁹ Data Source: Bureau of Labor Statistics.



M

Economic and Fiscal Impact

The analysis provided in this section quantifies the economic and fiscal contribution that the proposed Hummingbird Solar project would make to Fleming County and to the Commonwealth of Kentucky. The analysis separately evaluates the one-time pulse of economic activity that would occur during the construction phase of the project, as well as the annual economic activity that the project would generate during its ongoing operational phase.

Method

To empirically evaluate the likely local economic impact attributable to the proposed Hummingbird Solar project, the analysis employs a regional economic impact model called IMPLAN.²⁰ The IMPLAN model is one of the most commonly used economic impact simulation models in the U.S. and is commonly employed by universities, state agencies and research institutes. Like all economic impact models, the IMPLAN model uses economic multipliers to quantify economic impact.

Economic multipliers measure the ripple effects that an expenditure generates as it makes its way through the economy. For example, as when the Hummingbird Solar project purchases goods and services — or when employees and contractors hired by the facility use their salaries and wages to make household purchases — thereby generating income for someone else, which is in turn spent, thereby becoming income for yet someone else, and so on, and so on. Through this process, one dollar in expenditures generates multiple dollars of income. The mathematical relationship between the initial expenditure and the total income generated is the economic multiplier.

One of the primary advantages of the IMPLAN model is that it uses regional and national production and trade flow data to construct region-specific and industry-specific economic multipliers, which are then further adjusted to reflect anticipated actual spending patterns within the specific geographic study area that is being evaluated. As a result, the economic impact estimates produced by IMPLAN are not generic. They reflect as precisely as possible the economic realities of the specific industry, and the specific study area, being evaluated.

In the analysis that follows, these impact estimates are divided into three categories. First round direct impact measures the direct economic contribution of the entity being evaluated (e.g., goods and services purchased by the Hummingbird Solar project). Second round indirect and induced impact measures the economic ripple effects of this direct impact in terms of business to business, and household (employee) to business, transactions. Total impact is simply the sum of the preceding two. These categories of impact are then further defined in terms of employment (the jobs that are created), labor income (the wages and benefits associated with those jobs), and economic output (the total amount of economic activity that is created in the economy).

 $^{^{\}rm 20}$ IMPLAN is produced by IMPLAN Group, LLC.



Construction Phase

This portion of the section assesses the economic and fiscal impact that the one-time pulse of activity associated with construction of the proposed Hummingbird Solar project would have on Fleming County.

Assumptions

The analysis is based on the following assumptions:

- Total capitalized investment in the Hummingbird Solar project is estimated to be approximately \$245.4 million.²¹
- Of that total:
 - Architecture, engineering, site preparation, and other development and construction costs are estimated to be approximately \$87.8 million.²² It is estimated that approximately 26 percent of that total could be spent in Fleming County while the remainder would be spent with vendors within the state.²³
 - Capital equipment and other costs are estimated to be approximately \$157.6 million.²⁴
 It is anticipated that no capital equipment would be purchased from vendors in Fleming County or Kentucky.²⁵
- For ease of analysis, all construction expenditures are assumed to take place in a single year.

Results – Fleming County

Applying these assumptions in the IMPLAN model results in the following estimates of one-time economic impact on Fleming County. As shown in Table 1, construction of the proposed Hummingbird Solar project could directly provide a one-time pulse of economic activity supporting approximately: 1) 216 jobs, 2) \$6.5 million in labor income, and 3) \$22.5 million in economic output to Fleming County (in 2022 dollars).²⁶

Taking into account the economic ripple effects that direct investment would generate, the total estimated one-time impact on Fleming County would support approximately: 1) 268 jobs, 2) \$8.3 million in labor income, and 3) \$30.2 million in economic output, and 4) \$1.7 million in state and local tax revenue (in 2022 dollars).

²⁶ Please note that construction sector jobs are not necessarily new jobs, but the investments made can also support a job during the construction of the project.



²¹ Data Source: Recurrent Energy. Investment estimate is subject to change based on final design and vendor contracts

²² Data Source: Recurrent Energy.

²³ Data Source: IMPLAN Group, LLC.

²⁴ Data Source Recurrent Energy.

²⁵ Data Source: IMPLAN Group, LLC.

Table 1: Estimated One-Time Economic and Fiscal Impact on Fleming County from Construction of the Hummingbird Solar Project (2022 Dollars)²⁷

Economic Impact	Employment	Labor Income	Output
1 st Round Direct Economic Activity	216	\$6,523,344	\$22,494,596
2 nd Round Indirect and Induced Economic Activity	52	\$1,758,006	\$7,727,496
Total Economic Activity	268	\$8,281,350	\$30,222,092
Fiscal Impact			
State and Local Tax Revenue			\$1,709,619

^{*}Totals may not sum due to rounding.

Results – Kentucky Statewide

(Includes Fleming County impact)

Applying the above stated assumptions in the IMPLAN model results in the following estimates of one-time economic impact on the Commonwealth of Kentucky. As shown in Table 2, construction of the proposed Hummingbird Solar project would directly provide a one-time pulse of economic activity supporting approximately: 1) 638 jobs, 2) \$31.3 million in labor income, and 3) \$87.8 million in economic output to the Commonwealth of Kentucky as a whole (in 2022 dollars).²⁸

Taking into account the economic ripple effects that direct investment would generate, the total estimated one-time impact on the Commonwealth of Kentucky would support approximately: 1) 940 jobs, 2) \$45.6 million in labor income, and 3) \$136.8 million in economic output, and 4) \$6.8 million in state and local tax revenue (in 2022 dollars).

Table 2: Estimated One-Time Economic and Fiscal Impact on the Commonwealth of Kentucky from Construction of the Hummingbird Solar Project (2022 Dollars)²⁹

Economic Impact	Employment	Labor Income	Output
1 st Round Direct Economic Activity	638	\$31,262,241	\$87,789,756
2 nd Round Indirect and Induced Economic Activity	302	\$14,373,769	\$49,048,764
Total Economic Activity	940	\$45,636,009	\$136,838,520
Fiscal Impact			
State and Local Tax Revenue			\$6,780,053

^{*}Totals may not sum due to rounding.

²⁹ Please note that construction sector jobs are not necessarily new jobs, but the investments made can also support a job during the construction of the project.



²⁷ Please note that construction sector jobs are not necessarily new jobs, but the investments made can also support a job during the construction of the project.

²⁸ Please note that construction sector jobs are not necessarily new jobs, but the investments made can also support a job during the construction of the project.

Ongoing Operations Phase

This portion of the section assesses the annual economic and fiscal impact that the proposed Hummingbird Solar project would have on Fleming County and the Commonwealth of Kentucky during its anticipated 40-year operational life.

Economic Impact Assumptions

The analysis is based on the following assumptions:

- The Hummingbird Solar project would spend approximately \$700,000 each year for vegetative control, maintenance and repair, and other operational expenditures.³⁰
- The Hummingbird Solar project would make confidential lease payments to local landowners.

Results – Fleming County

Applying these assumptions in the IMPLAN model results in the following estimates of annual economic impact on Fleming County. As shown in Table 3, annual operation of the proposed Hummingbird Solar project could directly support approximately: 1) 4 jobs, 2) \$96,496 in labor income, and 3) \$357,943 in economic output to Fleming County (in 2022 dollars).

Taking into account the economic ripple effects that direct impact would generate, the total estimated annually supported impact on Fleming County would be approximately: 1) 8 jobs, 2) \$234,849 in labor income, and 3) \$915,034 in economic output (in 2022 dollars).

Table 3: Estimated Annual Economic Impact on Fleming County from the Ongoing Operation of the Hummingbird Solar Project (2022 Dollars)

Economic Impact	Employment	Labor Income	Output
1 st Round Direct Economic Activity	4	\$96,496	\$357,943
2 nd Round Indirect and Induced Economic Activity	4	\$138,353	\$557,091
Total Economic Activity	8	\$234,849	\$915,034

^{*}Totals may not sum due to rounding.

Results – Kentucky Statewide

(Includes Fleming County impact)

Applying these assumptions in the IMPLAN model results in the following estimates of annual economic impact on the Commonwealth of Kentucky. As shown in Table 4, annual operation of the proposed Hummingbird Solar project would directly support approximately: 1) 4 jobs, 2) \$96,496 in labor income, and 3) \$357,943 in economic output to the Commonwealth of Kentucky (in 2022 dollars).

³⁰ Data Source: Recurrent Energy. Expenditure estimate is subject to change based on final design and vendor contracts.



Taking into account the economic ripple effects that direct impact would generate, the total estimated annually supported impact on the Commonwealth of Kentucky would be approximately: 1) 9 jobs, 2) \$276,582 in labor income, and 3) \$1.1 million in economic output (in 2022 dollars).

Table 4: Estimated Annual Economic Impact on the Commonwealth of Kentucky from the Ongoing Operation of the Hummingbird Solar Project (2022 Dollars)

Economic Impact	Employment	Labor Income	Output
1 st Round Direct Economic Activity	4	\$96,496	\$357,943
2 nd Round Indirect and Induced Economic Activity	5	\$180,086	\$693,667
Total Economic Activity	9	\$276,582	\$1,051,610

^{*}Totals may not sum due to rounding.

Fiscal Impact Assumptions

The analysis provided on the following pages is based on the following assumptions:

- Hummingbird Solar would have a generation capacity of 200 MW AC.³¹
- The total capitalized investment in the Hummingbird Solar project would be categorized as follows.³²
 - Approximately \$192.7 million would be classified as manufacturing machinery.
 - Approximately \$25.4 million would be classified as tangible personal property.
 - Approximately \$4.3 million would be classified as real property improvements.
 - The remainder of the investment in site and general development would increase the value of the land, which would be assessed at a commercial value using the income approach.³³
- The manufacturing machinery and tangible personal property would be depreciated using the Kentucky Department of Revenue depreciation schedule for Class VI.³⁴
- The Hummingbird Solar project would be situated on a 1,638-acre tract of farmland located in Fleming County, that is currently assessed at a farmland value of approximately \$1.3 million.³⁵
- Once operational, the affected 1,638 acres used for solar purposes would be reassessed at a commercial use value of approximately \$12.2 million.³⁶

³⁶ Data Source: Calculated based on an assumed capitalization rate and the value of confidential future lease payments.



³¹ Recurrent Energy.

³² Data Source: Recurrent Energy based on Kentucky Dept. of Revenue's solar farm assessment guidelines. Actual values for each category are subject to change based on final design, vendor contracts, and classification of investments.

³³ Data Source: Based on an informal discussion with the Fleming County PVA Office, land leased for solar farm operations would be assessed at a commercial use value using the income approach.

³⁴ Data Source: Recurrent Energy.

³⁵ Data Source: Derived from site layout provided by Recurrent Energy and from parcel data provided on the Fleming County Property Valuation Administrator (PVA) website. Includes estimated value of structures that would be removed under solar use.

- The remaining, unused acreage of each parcel would continue to be assessed at its current agricultural use farmland value.³⁷
- For taxation purposes, we assume that:
 - The entire capitalized investment would be privately financed.
 - Manufacturing machinery would be taxed at a state rate of 15.0 cents per \$100.³⁸
 - Tangible personal property would be taxed at the state and local levels. Applicable tax rates would be: state 45.0 cents per \$100; County Fiscal Court 16.0 cents per \$100; Health 5.0 cents per \$100; Library 12.78 cents per \$100; Ambulance 8.8 cents per \$100; Extension Services 6.34 cents per \$100; and School District 45.9 cents per \$100.39
 - Real property (land and improvements) would be taxed at the state and local levels. Applicable tax rates would be: state – 11.9 cent per \$100; County Fiscal Court – 16.0 cents per \$100; Health – 5.0 cents per \$100; Library – 9.1 cents per \$100; Ambulance – 8.8 cents per \$100; Extension Services – 4.7 cents per \$100; Soil Conservation 1.5 cents per \$100; and School District – 45.9 cents per \$100.40
 - Tax rates remain constant throughout the analysis.

Fiscal Impact Results

The analysis on the following pages quantifies the direct fiscal contribution that the proposed Hummingbird Solar project would make to Fleming County and to the Commonwealth of Kentucky from taxation of the real property (land) and capital investments. It should be noted at the outset, however, that the analysis that follows likely understates the actual fiscal impact that Hummingbird Solar would have as it only accounts for the direct fiscal impact that Hummingbird Solar would have on Fleming County and the state. It does not take into account any additional tax revenue that would be generated as a result of the indirect economic activity attributable to the ongoing operation of Hummingbird Solar.

Real Estate Tax Revenue – Land and Improvements

Table 5 details the revenue that the proposed Hummingbird Solar project would generate for Fleming County and the Commonwealth of Kentucky over a 40-year period from the increased property assessments associated with assessing the affected acreage at a commercial use value, as well as taxation of the real property improvements to the site.

As the data in Table 5 indicate, the local real estate tax revenue from the project after reassessment is estimated to be approximately \$110,858 per year (in 2022 dollars). The local real estate tax revenue from taxation of the improvements to the site is estimated to be approximately \$39,442 per year, for a

⁴⁰ Data Source: Kentucky Department of Revenue and Fleming County PVA office, 2021 tax rates.



³⁷ Data Source: Assumes each remaining parcel has 11 or more acres in farm use.

³⁸ Data Source: Kentucky Department of Revenue.

 $^{^{39}}$ Data Source: Kentucky Department of Revenue and Fleming County PVA office, 2021 tax rates.

M

combined annual total of approximately \$150,299 (in 2022 dollars). The cumulative total over 40 years is estimated to be approximately \$6.0 million (in 2022 dollars). This consists of approximately: \$1.1 million for the county fiscal court, \$0.3 million for the health jurisdiction, \$0.6 million for the library jurisdiction, \$0.6 million for the ambulance jurisdiction, \$0.3 million for the extension services jurisdiction, \$0.1 million for soil conservation, and \$3.0 million for the school district (in 2022 dollars).

Table 5 also shows the state real estate tax revenue from the project after reassessment, which is estimated to be approximately \$14,497 per year (in 2022 dollars). The state tax revenue from taxation of the improvements to the site is estimated to be approximately \$5,158 per year, for a combined annual total of approximately \$19,654 (in 2022 dollars). The cumulative total over 40 years is estimated to be approximately \$0.8 million (in 2022 dollars).



Table 5: Estimated Tax Revenue Generated by the Proposed Hummingbird Solar Project over 40 Years from Additional Real Property Taxes (2022 Dollars)

	County Fiscal Court	Health	Library	Ambulance	Extension Services	Soil Conser- vation	School District	Total Local Revenue	Total State Revenue
Real Estate Tax Rate per \$100 41	0.16	0.05	0.091	0.088	0.047	0.015	0.459	0.91	0.119
Estimated Commercia	Estimated Commercial Value of Land ⁴² \$12,182,143								
Annual Real Estate Tax Revenue Land	\$19,491	\$6,091	\$11,086	\$10,720	\$5,726	\$1,827	\$55,916	\$110,858	\$14,497
Estimated Value of Im	provements ⁴³								\$4,334,238
Annual Real Estate Tax Revenue – Improvements	\$6,935	\$2,167	\$3,944	\$3,814	\$2,037	\$650	\$19,894	\$39,442	\$5,158
Total Annual Real Estate Revenue	\$26,426	\$8,258	\$15,030	\$14,534	\$7,763	\$2,477	\$75,810	<u>\$150,299</u>	<u>\$19,654</u>
Cumulative Real Estate Tax Revenue over 40 Years	\$1,057,048	\$330,328	\$601,196	\$581,377	\$310,508	\$99,098	\$3,032,408	<u>\$6,011,963</u>	<u>\$786,180</u>

⁴³ Data Source: Recurrent Energy. Estimated value based on cost of construction. Subject to change based on final design, vendor contracts, and classification of investments.



⁴¹ Data Source: Fleming County PVA office, 2021 tax rates. Assumes tax rates remain constant throughout analysis.

⁴² Data Source: Calculated based on an assumed capitalization rate and the value of confidential lease payments.

Manufacturing Machinery and Tangible Personal Property

Tables 6 and 7 detail the revenue that the proposed Hummingbird Solar project would generate over a 40-year period from taxation of the tangible personal property and the manufacturing machinery located on the site. Based on guidance from the Kentucky Department of Revenue, this property would be assessed by the Department based on a cost approach during the initial years of operation, moving to an income approach thereafter. Due to data limitations on the future income streams of the project, the analysis presented on the following pages relies on the cost approach for the duration of the project. Please note that actual revenues generated by Hummingbird Solar may therefore vary from the analysis presented.

Tangible Personal Property Tax Revenue

As the data in Table 6 indicate, the local tax revenue from taxation of the investment in tangible personal property is estimated to be approximately \$233,177 in year 1 of the project with that figure projected to decline to approximately \$24,064 in year 26 of the project and thereafter as the value of the property is further depreciated, for a cumulative total of approximately \$4.1 million over 40 years (in 2022 dollars). This consists of approximately: \$0.7 million for the county fiscal court, \$0.2 million for the health jurisdiction, \$0.6 million for the library jurisdiction, \$0.4 million for the ambulance jurisdiction, \$0.3 million for the extension services jurisdiction, and \$2.0 million for the school district (in 2022 dollars).

The state tax revenue from taxation of the tangible personal property is estimated to be approximately \$110,662 in year 1 of the project with that figure projected to decline to approximately \$11,420 in year 26 of the project and thereafter as the value of the property is further depreciated, for a cumulative total of approximately \$2.0 million over 40 years (in 2022 dollars).



Table 6: Estimated Tax Revenue Generated by the Proposed Hummingbird Solar Project over 40 Years from Additional Tangible Personal Property Taxes (2022 Dollars)

Year	Original Cost ⁴⁴	Depre- ciation ⁴⁵	Net Book / Reported Market Value	County Fiscal Court	Health	Library	Ambulance	Extension Services	School District	Total Local Tax Revenue	Total State Tax Revenue
Tax Ra	te (per \$100)			0.16	0.05	0.1278	0.088	0.0634	0.459	0.9482	0.45
1	\$25,378,246	0.97	\$24,591,521	\$39,346	\$12,296	\$31,428	\$21,641	\$15,591	\$112,875	\$233,177	\$110,662
2	\$25,378,246	0.96	\$24,286,982	\$38,859	\$12,143	\$31,039	\$21,373	\$15,398	\$111,477	\$230,289	\$109,291
3	\$25,378,246	0.94	\$23,957,065	\$38,331	\$11,979	\$30,617	\$21,082	\$15,189	\$109,963	\$227,161	\$107,807
4	\$25,378,246	0.93	\$23,576,391	\$37,722	\$11,788	\$30,131	\$20,747	\$14,947	\$108,216	\$223,551	\$106,094
5	\$25,378,246	0.90	\$22,738,909	\$36,382	\$11,369	\$29,060	\$20,010	\$14,416	\$104,372	\$215,610	\$102,325
6	\$25,378,246	0.85	\$21,495,375	\$34,393	\$10,748	\$27,471	\$18,916	\$13,628	\$98,664	\$203,819	\$96,729
7	\$25,378,246	0.82	\$20,886,297	\$33,418	\$10,443	\$26,693	\$18,380	\$13,242	\$95,868	\$198,044	\$93,988
8	\$25,378,246	0.79	\$20,023,436	\$32,037	\$10,012	\$25,590	\$17,621	\$12,695	\$91,908	\$189,862	\$90,105
9	\$25,378,246	0.76	\$19,160,576	\$30,657	\$9,580	\$24,487	\$16,861	\$12,148	\$87,947	\$181,681	\$86,223
10	\$25,378,246	0.74	\$18,830,659	\$30,129	\$9,415	\$24,066	\$16,571	\$11,939	\$86,433	\$178,552	\$84,738
11	\$25,378,246	0.71	\$18,094,690	\$28,952	\$9,047	\$23,125	\$15,923	\$11,472	\$83,055	\$171,574	\$81,426
12	\$25,378,246	0.65	\$16,495,860	\$26,393	\$8,248	\$21,082	\$14,516	\$10,458	\$75,716	\$156,414	\$74,231
13	\$25,378,246	0.65	\$16,368,969	\$26,190	\$8,184	\$20,920	\$14,405	\$10,378	\$75,134	\$155,211	\$73,660
14	\$25,378,246	0.62	\$15,709,135	\$25,135	\$7,855	\$20,076	\$13,824	\$9,960	\$72,105	\$148,954	\$70,691
15	\$25,378,246	0.61	\$15,404,596	\$24,647	\$7,702	\$19,687	\$13,556	\$9,767	\$70,707	\$146,066	\$69,321
16	\$25,378,246	0.58	\$14,770,139	\$23,632	\$7,385	\$18,876	\$12,998	\$9,364	\$67,795	\$140,050	\$66,466
17	\$25,378,246	0.57	\$14,440,222	\$23,104	\$7,220	\$18,455	\$12,707	\$9,155	\$66,281	\$136,922	\$64,981
18	\$25,378,246	0.52	\$13,222,066	\$21,155	\$6,611	\$16,898	\$11,635	\$8,383	\$60,689	\$125,372	\$59,499
19	\$25,378,246	0.47	\$11,927,776	\$19,084	\$5,964	\$15,244	\$10,496	\$7,562	\$54,748	\$113,099	\$53,675
20	\$25,378,246	0.41	\$10,455,838	\$16,729	\$5,228	\$13,363	\$9,201	\$6,629	\$47,992	\$99,142	\$47,051
21	\$25,378,246	0.36	\$9,136,169	\$14,618	\$4,568	\$11,676	\$8,040	\$5,792	\$41,935	\$86,629	\$41,113
22	\$25,378,246	0.30	\$7,689,609	\$12,303	\$3,845	\$9,827	\$6,767	\$4,875	\$35,295	\$72,913	\$34,603

⁴⁴ Data Source: Recurrent Energy based on Kentucky Dept. of Revenue's solar farm assessment guidelines. Actual value is subject to change based on final design, vendor contracts, and classification of investments.

⁴⁵ Data Source: Kentucky Department of Revenue depreciation schedule for Class VI. Values shown rounded to first digit.



Year	Original Cost ⁴⁴	Depre- ciation ⁴⁵	Net Book / Reported Market Value	County Fiscal Court	Health	Library	Ambulance	Extension Services	School District	Total Local Tax Revenue	Total State Tax Revenue
23	\$25,378,246	0.24	\$6,166,914	\$9,867	\$3,083	\$7,881	\$5,427	\$3,910	\$28,306	\$58,475	\$27,751
24	\$25,378,246	0.19	\$4,694,976	\$7,512	\$2,347	\$6,000	\$4,132	\$2,977	\$21,550	\$44,518	\$21,127
25	\$25,378,246	0.13	\$3,172,281	\$5,076	\$1,586	\$4,054	\$2,792	\$2,011	\$14,561	\$30,080	\$14,275
26	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
27	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
28	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
29	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
30	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
31	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
32	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
33	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
34	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
35	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
36	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
37	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
38	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
39	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
40	\$25,378,246	0.10	\$2,537,825	\$4,061	\$1,269	\$3,243	\$2,233	\$1,609	\$11,649	\$24,064	\$11,420
Cumu	Cumulative Total over 40 years				\$217,682	\$556,395	\$383,120	\$276,021	\$1,998,320	<u>\$4,128,120</u>	\$1,959,137

^{*}Totals may not sum due to rounding



Manufacturing Machinery Property Tax Revenue

Table 7 details the revenue that the proposed Hummingbird Solar project would generate for the Commonwealth of Kentucky over a 40-year period from taxation of the manufacturing machinery located on the site. As stated in the assumptions, manufacturing machinery is taxed at the state level only in Kentucky. The state tax revenue is estimated to be approximately \$280,069 in year 1 of the project with that figure projected to decline to approximately \$28,903 in year 26 of the project and thereafter as the investment is further depreciated, for a cumulative total of approximately \$5.0 million over 40 years (in 2022 dollars).

Table 7: Estimated Tax Revenue Generated by the Proposed Hummingbird Solar Project over 40 Years from Additional Manufacturing Machinery Taxes (2022 Dollars)

Year	Original Cost ⁴⁶	Depreciation ⁴⁷	Net Book Value	Total State Tax Revenue
Tax Rate (per		Depreciation	Net book value	0.15
1	\$192,685,831	0.97	\$186,712,570	\$280,069
2	\$192,685,831	0.96	\$184,400,340	\$276,601
3	\$192,685,831	0.94	\$181,895,424	\$270,861
4	\$192,685,831	0.93	\$179,005,137	\$268,508
5	\$192,685,831	0.90	\$172,646,505	\$258,970
6	\$192,685,831	0.85	\$163,204,899	\$244,807
7	\$192,685,831	0.82	\$158,580,439	\$237,871
8	\$192,685,831	0.79	\$152,029,121	\$228,044
9	\$192,685,831	0.76	\$145,477,802	\$218,217
10	\$192,685,831	0.74	\$142,972,887	\$214,459
11	\$192,685,831	0.71	\$137,384,997	\$206,077
12	\$192,685,831	0.65	\$125,245,790	\$187,869
13	\$192,685,831	0.65	\$124,282,361	\$186,424
14	\$192,685,831	0.62	\$119,272,529	\$178,909
15	\$192,685,831	0.61	\$116,960,299	\$175,440
16	\$192,685,831	0.58	\$112,143,154	\$168,215
17	\$192,685,831	0.57	\$109,638,238	\$164,457
18	\$192,685,831	0.52	\$100,389,318	\$150,584
19	\$192,685,831	0.47	\$90,562,341	\$135,844
20	\$192,685,831	0.41	\$79,386,562	\$119,080
21	\$192,685,831	0.36	\$69,366,899	\$104,050
22	\$192,685,831	0.30	\$58,383,807	\$87,576
23	\$192,685,831	0.24	\$46,822,657	\$70,234
24	\$192,685,831	0.19	\$35,646,879	\$53,470
25	\$192,685,831	0.13	\$24,085,729	\$36,129
26	\$192,685,831	0.10	\$19,268,583	\$28,903
27	\$192,685,831	0.10	\$19,268,583	\$28,903
28	\$192,685,831	0.10	\$19,268,583	\$28,903

⁴⁶ Data Source: Recurrent Energy based on Kentucky Dept. of Revenue's solar farm assessment guidelines. Actual value is subject to change based on final design, vendor contracts, and classification of investments.

⁴⁷ Data Source: Kentucky Department of Revenue depreciation schedule for Class VI. Values shown rounded to first digit.



Year	Original Cost ⁴⁶	Depreciation ⁴⁷	Net Book Value	Total State Tax Revenue
29	\$192,685,831	0.10	\$19,268,583	\$28,903
30	\$192,685,831	0.10	\$19,268,583	\$28,903
31	\$192,685,831	0.10	\$19,268,583	\$28,903
32	\$192,685,831	0.10	\$19,268,583	\$28,903
33	\$192,685,831	0.10	\$19,268,583	\$28,903
34	\$192,685,831	0.10	\$19,268,583	\$28,903
35	\$192,685,831	0.10	\$19,268,583	\$28,903
36	\$192,685,831	0.10	\$19,268,583	\$28,903
37	\$192,685,831	0.10	\$19,268,583	\$28,903
38	\$192,685,831	0.10	\$19,268,583	\$28,903
39	\$192,685,831	0.10	\$19,268,583	\$28,903
40	\$192,685,831	0.10	\$19,268,583	\$28,903
Cumulative T	otal over 40 years	<u>\$4,958,288</u>		

^{*}Totals may not sum due to rounding

Total Fiscal Impact

Table 8 combines the results from the calculations depicted in Tables 5 through 7 to provide an estimate of the cumulative fiscal contribution that the proposed Hummingbird Solar project would make to Fleming County and to the Commonwealth of Kentucky over its anticipated 40-year operational life. As these data indicate, that cumulative total is approximately \$10.1 million in local tax revenue, consisting of approximately: \$1.8 million for the county fiscal court, \$0.5 million for the health jurisdiction, \$1.2 million for the library jurisdiction, \$1.0 million for the ambulance jurisdiction, \$0.6 million for the extension services jurisdiction, \$0.1 million for soil conservation, and \$5.0 million for the school district (in 2022 dollars). The state tax revenue is estimated at approximately \$7.7 million over 40 years (in 2022 dollars).



Table 8: Estimated Cumulative Tax Revenue from the Proposed Hummingbird Solar Project over 40 Years (2022 dollars)

Tax Revenue by Type	County Fiscal Court	Health	Library	Ambulance	Extension Services	Soil Conser- vation	School District	Total Local Tax Revenue	Total State Tax Revenue
Real Property Tax Revenue – Land	\$779,657	\$243,643	\$443,430	\$428,811	\$229,024	\$73,093	\$2,236,641	\$4,434,300	\$579,870
Real Property Tax Revenue – Improvements	\$277,391	\$86,685	\$157,766	\$152,565	\$81,484	\$26,005	\$795,766	\$1,577,663	\$206,310
Manufacturing Machinery Tax Revenue	-	-	-	-	-	-	-	-	\$4,958,288
Personal Property Tax Revenue	\$696,582	\$217,682	\$556,395	\$383,120	\$276,021	-	\$1,998,320	\$4,128,120	\$1,959,137
TOTAL Cumulative Revenue over 40 years ⁴⁸	\$1,753,630	\$548,010	\$1,157,591	\$964,497	\$586,529	\$99,098	\$5,030,727	\$10,140,082	<u>\$7,703,605</u>

^{*}Totals may not sum due to rounding

⁴⁸ Please note that the future tax revenue stream for the investments has been calculated based on the cost approach to valuation due to data limitations on the future income streams of the project. Actual revenues generated by Hummingbird Solar may therefore vary from the analysis presented because they do not include the impact on the revenues that are associated with the franchise value of the project. Actual tax revenues are also subject to change based on final design, vendor contracts, and classification of investments.



Current Agricultural Use

This section provides a benchmark for the previous estimates of the economic contribution that the proposed Hummingbird Solar project would make to Fleming County by estimating the economic and fiscal contribution that the site would make to the county in an active agricultural use. The analysis is based on the following assumptions:

- The proposed Hummingbird Solar would be situated on an approximate 1,638-acre tract of land, which is currently used to produce corn, soybeans, hay, and as rangeland for cattle.
- The average annual revenue per acre for Fleming County farmland is approximately \$300.50
- The 1,638-acre tract of farmland is currently assessed at a farmland value of approximately \$1.3 million.⁵¹

Economic Impact

Applying these assumptions in the IMPLAN model results in the following estimates of annual economic impact. As shown in Table 9, in its current agricultural use, the proposed Hummingbird Solar project site directly supports approximately: 1) 10 jobs, 2) -\$32,866 in labor income⁵², and 3) \$491,695 in economic output to Fleming County.

Taking into account the economic ripple effects that direct impact generates, the total annually supported impact on Fleming County would be approximately: 1) 12 jobs, 2) \$7,696 in labor income, 3) \$699,106 in economic output.

Table 9: Total Annual Economic Impact of the Hummingbird Solar Project Site on Fleming County – Current Agricultural Use (2022 Dollars)

Economic Impact	Employment	Labor Income	Output
1st Round Direct Economic Activity	10	-\$32,866	\$491,695
2 nd Round Indirect and Induced Economic Activity	2	\$40,562	\$207,411
Total Economic Activity	12	\$7,696	\$699,106

⁵² Labor income is the sum of employee compensation and proprietor income. If proprietor income is negative, overall labor income can be negative, even when total employee wages are positive. Please note that this does not mean that the proprietors went out of business, but they could be borrowing money or using savings to maintain cash flow.



⁴⁹ Data Source: Recurrent Energy.

⁵⁰ Data Source: Estimated based on data from the U.S. Department of Agriculture 2017 Census in Fleming County. Calculated as the weighted average revenue per acre for corn, soy, hay, and rangeland for cattle, based on the respective acreage for each category.

⁵¹ Data Source: Derived from site layout provided by Recurrent Energy and from parcel data provided on the Fleming County PVA website. Includes estimated value of structures that would be removed under solar use.

Fiscal Impact

Table 10 details the estimated current real property tax revenue generated from taxation of the project site and affected structures assessed at an agricultural use farmland value. The total local real property tax revenue from the site is estimated to be approximately \$11,982 per year, for a cumulative total of approximately \$479,291 (consisting of approximately \$84,271 for the county fiscal court, \$26,335 for the health jurisdiction, \$47,929 for the library jurisdiction, \$46,349 for the ambulance jurisdiction, \$24,755 for the extension services jurisdiction, \$7,900 for soil conservation, and \$241,752 for the school district) over the project's anticipated 40-year operational life (in 2022 dollars).

The total current state real property tax revenue from the site is estimated to be approximately \$1,567 per year for a cumulative total of approximately \$62,677 over the project's anticipated 40-year operational life (in 2022 dollars).



Table 10: Estimated Tax Revenue Generated by the Land under an Agricultural Use over 40 Years (2022 Dollars)

	County Fiscal Court	Health	Library	Ambu- lance	Extension Services	Soil Conser- vation	School District	Total Local Revenue	State Revenue
Real Estate Tax Rate per \$100 ⁵³	0.16	0.05	0.091	0.088	0.047	0.015	0.459	0.91	0.119
Estimated Current Agricultural Farmland Value of Land and Affected Structures ⁵⁴									\$1,316,733
Annual Real Estate Tax Revenue Land	\$2,107	\$658	\$1,198	\$1,159	\$619	\$198	\$6,044	\$11,982	\$1,567
Cumulative Real Estate Tax Revenue over 40 Years	\$84,271	\$26,335	\$47,929	\$46,349	\$24,755	\$7,900	\$241,752	<u>\$479,291</u>	<u>\$62,677</u>

^{*}Totals may not sum due to rounding.

The estimates provided in this report are based on the best information available and all reasonable care has been taken in assessing that information. However, because these estimates attempt to foresee circumstances that have not yet occurred, it is not possible to provide any assurance that they will be representative of actual events. These estimates are intended to provide a general indication of likely future outcomes and should not be construed to represent a precise measure of those outcomes.

⁵⁴ Data Source: Derived from the site layout provided by Recurrent Energy and from parcel data provided on the Fleming County PVA website. Includes estimated value of structures that would be removed under solar use.



⁵³ Data Source: Fleming County PVA office, 2021 tax rates. Assumes tax rates remain constant throughout analysis.

Exhibit G



Richard C. Kirkland, Jr., MAI 9408 Northfield Court Raleigh, North Carolina 27603 Phone (919) 414-8142 rkirkland2@gmail.com www.kirklandappraisals.com

March 15, 2022

Chad Martin Cardno 76 San Marcos Street Austin, TX 78702

RE: Hummingbird Solar Project, Fleming County, KY

Mr. Martin,

At your request, I have considered the impact of a 200 MW solar farm proposed to be constructed on a portion of a 3,115-acre assemblage of land off Poplar Grove Road, located near Flemingsburg, Fleming County, Kentucky. Specifically, I have been asked to give my professional opinion on whether the proposed solar farm will have any impact on adjoining property value and whether "the location and character of the use, if developed according to the plan as submitted and approved, will be in harmony with the area in which it is to be located."

To form an opinion on these issues, I have researched and visited existing and proposed solar farms in Kentucky as well as other states, researched articles through the Appraisal Institute and other studies, and discussed the likely impact with other real estate professionals. I have not been asked to assign any value to any specific property.

This letter is a limited report of a real property appraisal consulting assignment and subject to the limiting conditions attached to this letter. My client is Cardno represented to me by Chad Martin. My findings support the Kentucky Siting Board Application. The effective date of this consultation is March 15, 2021.

While based in NC, I am also a Kentucky State Certified General Appraiser #5522.

Conclusion

The adjoining properties are well set back from the proposed solar panels and supplemental vegetation is proposed to enhance the areas where the existing trees do not currently provide a proper screen. The closest home will be 500 feet from the nearest panel and the average distance will be 963 feet.

The matched pair analysis shows no impact on home values due to abutting or adjoining a solar farm as well as no impact to abutting or adjacent vacant residential or agricultural land where the solar farm is properly screened and buffered. The criteria that typically correlates with downward adjustments on property values such as noise, odor, and traffic all indicate that a solar farm is a compatible use for rural/residential transition areas and that it would function in a harmonious manner with this area.

Data from the university studies, broker commentary, and other appraisal studies support a finding of no impact on property value adjoining a solar farm with proper setbacks and landscaped buffers.

Very similar solar farms in very similar areas have been found by hundreds of towns and counties not to have a substantial negative effect to abutting or adjoining properties, and many of those findings of no impact have been upheld by appellate courts. Similar solar farms have been approved with adjoining agricultural uses, schools, churches, and residential developments.

Based on the data and analysis in this report, it is my professional opinion that the solar farm proposed at the subject property will have no impact on the value of adjoining or abutting properties and that the proposed use is in harmony with the area in which it is located. I note that some of the positive implications of a solar farm that have been expressed by people living next to solar farms include protection from future development of residential developments or other more intrusive uses, reduced dust, odor and chemicals from former farming operations, protection from light pollution at night, it's quiet, and there is minimal traffic.

If you have any questions please contact me.

Sincerely,

Richard C. Kirkland, Jr., MAI

Kentucky Certified General Appraiser #5522

It Childfe

Table of Contents

Con	clusion	1
I.	Proposed Project and Adjoining Uses	4
II.	Demographics	13
III.	Methodology and Discussion of Issues	17
IV.	Research on Solar Farms	19
A.	Appraisal Market Studies	19
В.	Articles	21
C.	Broker Commentary	22
V.	University Studies	23
A.	University of Texas at Austin, May 2018	23
В.	University of Rhode Island, September 2020	24
C.	Master's Thesis: ECU by Zachary Dickerson July 2018	25
D.	Ernest Orlando Lawrence Berkeley National Laboratory, December, 2019	26
VI.	Assessor Surveys	26
VII.	Summary of Solar Projects in Kentucky	29
61	3: Crittenden Solar, Crittenden, KY	33
65	9: Cooperative Shelby Solar, Simpsonville, KY	34
66	0: E.W. Brown Solar, Harrodsburg, KY	35
VIII.	Market Analysis of the Impact on Value from Solar Farms	36
A.	Kentucky and Adjoining States Data	37
В.	Southeastern USA Data – Over 5 MW	63
C.	Summary of National Data on Solar Farms	118
D.	Larger Solar Farms	120
IX.	Distance Between Homes and Panels	124
X.	Topography	124
XI.	Potential Impacts During Construction	124
XII.	Scope of Research	125
XIII.	Specific Factors Related To Impacts on Value	126
XIV.	Conclusion	129

I. Proposed Project and Adjoining Uses

Proposed Use Description

This 200 MW solar farm is proposed to be constructed on a portion of a 3,115-acre assemblage of land located off Poplar Grove Road, Flemingsburg, Fleming County, Kentucky. Adjoining land is a mix of residential and agricultural uses, which is very typical of solar farm sites.

Adjoining Properties

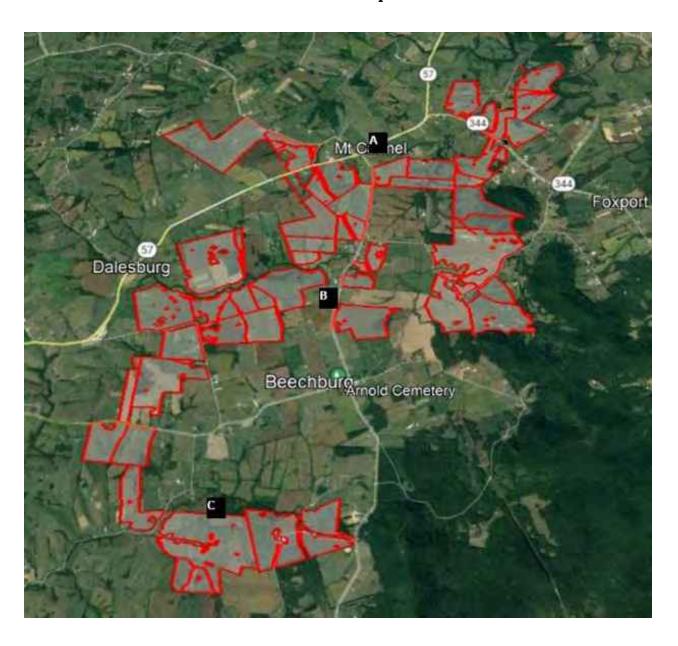
I have considered adjoining uses and included a map to identify each parcel's location. Based on the current site plan the closest adjoining home will be 500 feet from the closest solar panel and the average distance to adjoining homes will be 963 feet to the nearest solar panel. These setbacks are much larger than what is typically found and will go beyond what is needed to protect adjoining

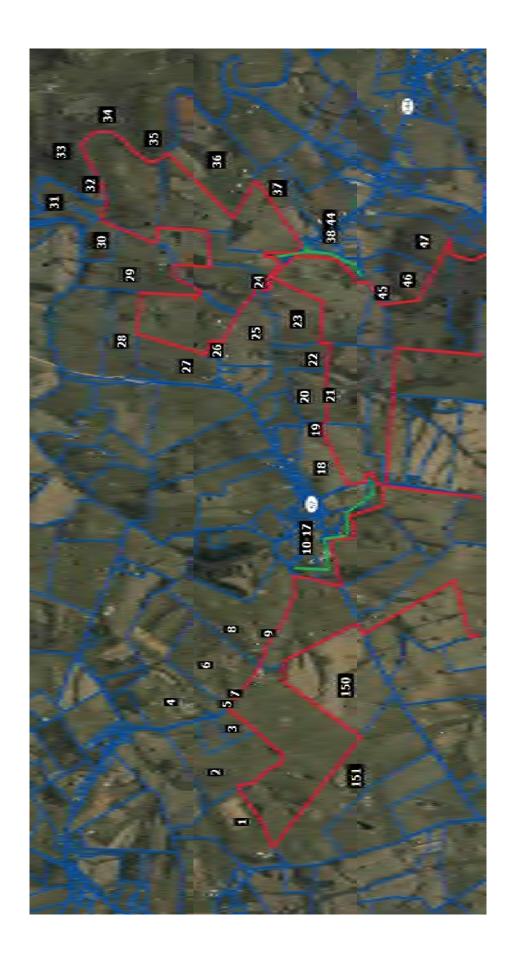
The breakdown of those uses by acreage and number of parcels is summarized below.

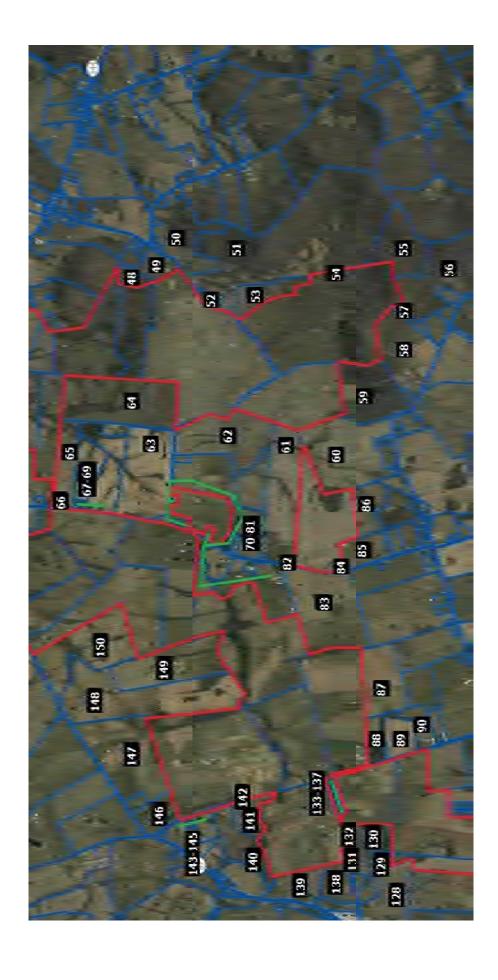
Adjoining Use Breakdown

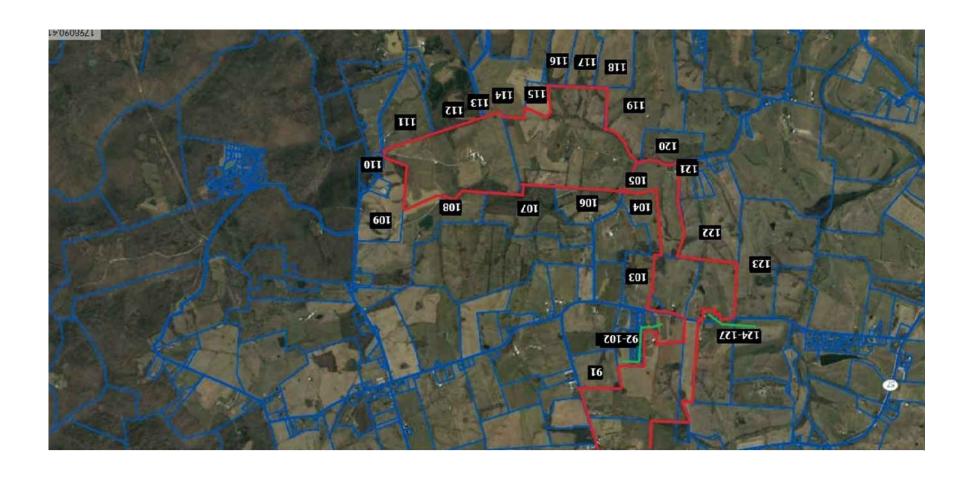
	Acreage	Parcels
Residential	4.64%	46.71%
Agricultural	37.40%	25.00%
Agri/Res	57.94%	27.63%
Cemetery	0.02%	0.66%
Total	100.00%	100.00%

Tax Parcel Map









Surrounding Uses

	g		GIS Data		Adjoin	Distance (ft)	LF
#	MAP ID	Owner	Acres	Present Use	Acres	Home/Panel	Adjacency
1	057-00-00-037.00	Schwartz	86.13	Agri/Res	1.23%	500	2,175
2	057-00-00-007.00	Eicher	95.83	Agricultural	1.37%	N/A	2875
3	057-00-00-007.02	Lengacher	15.11	Residential	0.22%	N/A	1130
4	057-00-00-006.00	Triple A Farm	141.88	Agri/Res	2.03%	2,015	1
5	057-00-00-008.00	Reid	0.50	Residential	0.01%	1,620	155
6	057-00-00-008.00	Reid	87.90	Agri/Res	1.26%	1,130	1,250
7	057-00-00-008.01	Reid	0.59	Residential	0.01%	1,180	140
8	069-00-00-019.00	Humphries	174.00	Agri/Res	2.49%	500	2750
9	069-00-00-018.00	Kearns	1.50	Residential	0.02%	500	220
10	069-00-00-021.01	Graber	13.66	Residential	0.20%	650	775
11	069-00-00-021.00	Lengacher	25.06	Agri/Res	0.36%	500	2,140
12	069-00-00-020.00	Mers	0.58	Residential	0.01%	500	50
13	069-00-00-025.00	Mers	5.41	Residential	0.08%	500	1,570
14	069-00-00-027.0	Meadows	9.11	Residential	0.13%	565	695
15	069-00-00-028.00	Crump	20.20	Agri/Res	0.29%	885	200
16	069-00-00-028.01	Rucker	7.21	Residential	0.10%	765	1050
17	069-00-00-029.00	Utterback	1.88	Residential	0.03%	N/A	Easement
18	069-00-00-029.01	Utterback	46.82	Agricultural	0.67%	N/A	Easement
19	069-40-00-054.00	Utterback	1.33	Residential	0.02%	2,750	Easement
20	069-00-00-007.00	Mineer	41.08	Agricultural	0.59%	N/A	Easement
21	069-00-00-011.00	Mineer	0.98	Residential	0.01%	1,770	Easement
22	069-00-00-007.03	Suarez	45.03	Agricultural	0.64%	N/A	Easement
23	069-00-00-001.00	Miller	60.00	Agricultural	0.86%	N/A	3000
24	080-00-00-011.00	Applegate	1.00	Residential	0.01%	N/A	590
25	069-00-00-004.00	Applegate	56.75	Agri/Res	0.81%	1,140	1910
26	069-00-00-003.00	Ratliff	4.95	Residential	0.07%	860	855
27	069-00-00-005.00	Foxworthy	150.00	Agri/Res	2.15%	1,165	2110
28	068-00-00-013.00	White	65.50	Agri/Res	0.94%	1,510	1275
29	080-00-00-004.00	Meadows	128.19	Agri/Res	1.84%	650	4880
30	080-00-00-004.01	Hughes	25.31	Agricultural	0.36%	N/A	645
31	080-00-00-002.00	Applegate	49.50	Agri/Res	0.71%	1,220	555
32	104647	Applegate	10.40	Residential	0.15%	N/A	1315
33	012-00-00-048.00	Unknown	209.30	Agricultural	3.00%	N/A	1040
34	105270	Applegate	69.80	Agricultural	1.00%	N/A	1525
35	104208	Burberry	113.80	Agricultural	1.63%	N/A	1790
36	080-00-00-009.00	Schwartz	121.00	Agri/Res	1.73%	500	4210
37	081-00-00-010.00	Schwartz	38.03	Agricultural	0.54%	N/A	2230
38	081-00-00-002.00	Beckett	0.50	Residential	0.01%	500	215
39	081-00-00-004.02	Skaggs	6.06	Residential	0.09%	N/A	1255
40	080-00-00-012.00	Skaggs	0.87	Residential	0.01%	N/A	610
41	080-00-00-006.00	May	2.29	Residential	0.03%	500	635
42	081-00-00-001.02		0.77	Residential	0.01%	500	295
43	081-00-00-001.01		3.52	Residential	0.05%	530	490
44	081-00-00-006.00	Mers	2.85	Residential	0.04%	500	490

			GIS Data	ı	Adjoin	Distance (ft)	LF
#	MAP ID	Owner	Acres	Present Use	Acres	Home/Panel	Adjacency
45	081-00-00-009.00	Spann	2.59	Residential	0.04%	500	25
46	081-00-00-008.00	Schwartz	43.23	Agricultural	0.62%	N/A	315
47	081-00-00-012.00	Graber	69.93	Agricultural	1.00%	N/A	Easement
48	081-00-00-045.00	Graber	10.00	Residential	0.14%	N/A	1680
49	081-00-00-039.00	Smith	30.00	Agri/Res	0.43%	500	825
50	081-00-00-040.00	Doyle	72.92	Agricultural	1.04%	N/A	250
51	081-00-00-041.00	Garrett	335.55	Agri/Res	4.80%	845	2640
52	081-00-00-041.01	Steele	5.54	Residential	0.08%	N/A	920
53	070-00-00-002.01	Graber	30.70	Agricultural	0.44%	N/A	3000
54	070-00-00-003.00	Rolph Family	1.38	Cemetery	0.02%	N/A	215
55	082-00-00-005.00	New Direction	70.12	Agricultural	1.00%	N/A	1265
56	082-00-00-032.00	Taylor Trust	285.25	Agri/Res	4.08%	5,110	775
57	070-00-00-028.02	Holt	7.59	Residential	0.11%	N/A	340
58	070-00-00-028.05	Schwartz	81.43	Agri/Res	1.17%	1,785	1855
59	070-00-00-026.00	Marshall	66.41	Agri/Res	0.95%	1,215	2970
60	070-00-00-023.00	Marshall	110.96	Agricultural	1.59%	1,110	3970
61	070-00-00-009.00	Marshall	96.68	Agricultural	1.38%	N/A	705
62	069-00-00-039.00	Caudill	85.38	Agricultural	1.22%	N/A	3220
63	069-00-00-037.00	Williams	95.06	Agri/Res	1.36%	500	980
64	069-00-00-048.00	Turner	107.21	Agricultural	1.53%	N/A	3155
65	069-00-00-033.00	Lewis	35.62	Agricultural	0.51%	1,085	Easement
66	069-00-00-031.00	Swim	1.11	Residential	0.02%	1,055	Easement
67	069-00-00-034.01	Ripato	0.93	Residential	0.01%	1,210	Easement
68	069-00-00-034.02	Ripato	1.83	Residential	0.03%	1,330	Easement
69	069-00-00-036.00	Williams	52.31	Agri/Res	0.75%	1,080	Easement
70	069-00-00-042.00	Esh	1.94	Residential	0.03%	500	755
71	069-00-00-041.00	Kegley	2.81	Residential	0.04%	500	650
72	069-00-00-040.00	Kegley	0.86	Residential	0.01%	500	605
73	069-00-00-047.02	Kegley	52.48	Agricultural	0.75%	N/A	1865
74	069-00-00-045.00	Caudill	29.36	Agricultural	0.42%	N/A	895
75	069-00-00-044.00	Mik	4.75	Residential	0.07%	500	575
76	070-00-00-006.01	Esh	14.95	Residential	0.21%	515	1
77	070-00-00-004.00	McKisson	5.00	Residential	0.07%	625	430
78	069-00-00-047.01	Hickerson	1.90	Residential	0.03%	500	950
79	070-00-00-005.00	Helmuth	12.66	Residential	0.18%	500	1705
80	070-00-00-006.02	Norton	16.81	Residential	0.24%	665	1580
81	070-00-00-010.00	Peachey	36.07	Agri/Res	0.52%	880	2165
82	070-00-00-011.00	Marshall	1.21	Residential	0.02%	500	175
83	070-00-00-014.00	Marshall	110.00	Agricultural	1.57%	N/A	4325
84	070-00-00-013.00	Gardner	1.30	Residential	0.02%	500	485
85	070-00-00-015.00	Marshall	70.86	Agricultural	1.01%	N/A	1145
86	070-00-00-016.00	Caudill	38.46	Agricultural	0.55%	N/A	1525
87	070-00-00-016.00	Marshall	57.75	Agricultural	0.83%	N/A	2205
88	058-00-00-034.00	Holland	17.00	Residential	0.24%	795	1455

			GIS Data		Adjoin	Distance (ft)	LF
#	MAP ID	Owner	Acres	Present Use	Acres	Home/Panel	Adjacency
89	058-00-00-034.01	Peachey	26.69	Agricultural	0.38%	N/A	720
90	058-00-00-036.00	Coblentz	19.00	Residential	0.27%	500	315
91	058-00-00-037.00	Prater	39.75	Agricultural	0.57%	N/A	2120
92	058-00-00-040.00	Fearin	13.55	Residential	0.19%	N/A	405
93	058-00-00-040.28	Harmon	0.70	Residential	0.01%	500	175
94	058-00-00-040.26	Conn	1.21	Residential	0.02%	500	490
95	058-00-00-040.22	Soule	1.10	Residential	0.02%	500	220
96	058-00-00-040.20	Ballard	0.55	Residential	0.01%	500	110
97	058-00-00-040.18	Ballard	0.55	Residential	0.01%	N/A	125
98	058-00-00-040.14	Stacy	1.33	Residential	0.02%	500	295
99	058-00-00-040.12	Williams	0.57	Residential	0.01%	500	120
100	058-00-00-040.10	McCleese	0.57	Residential	0.01%	500	1
101	058-00-00-041.03	Utterback	5.00	Residential	0.07%	500	405
102	058-00-00-041.00	Brewer	21.03	Agri/Res	0.30%	695	1280
103	059-00-00-005.01	Harvey	38.15	Agricultural	0.55%	N/A	Easement
104	059-00-00-009.02	Lunsford	34.47	Agricultural	0.49%	500	2730
105	059-00-00-012.01	Williams	1.72	Residential	0.02%	500	1215
106	059-00-00-009.01	Mazelin	45.00	Agri/Res	0.64%	835	2250
107	059-00-00-008.00	Wills	100.30	Agricultural	1.44%	N/A	2770
108	070-00-00-039.00	Fearin	127.44	Agri/Res	1.82%	500	3060
109	071-00-00-003.00	Williams	80.07	Agri/Res	1.15%	1,425	2240
110	071-00-00-003.01	Williams	9.13	Residential	0.13%	525	150
111	071-00-00-005.00	Salyers	119.60	Agri/Res	1.71%	500	1810
112	071-00-00-010.01	Lengacher	130.47	Agri/Res	1.87%	2,635	1760
113	059-00-00-028.01	Jones	0.86	Residential	0.01%	N/A	20
114	059-00-00-028.00	Jones	112.25	Agri/Res	1.61%	2,975	1710
115	059-00-00-027.00	Jones	18.28	Residential	0.26%	N/A	1880
116	059-00-00-026.00	Strausbaugh	45.65	Agri/Res	0.65%	2,835	620
117	059-00-00-023.00	Borders	50.00	Agri/Res	0.72%	2,140	940
118	059-00-00-022.00	Gooding	68.00	Agri/Res	0.97%	2,180	460
119	059-00-00-021.00	Himes	169.00	Agri/Res	2.42%	2,705	3090
120	059-00-00-011.00	Bedore	40.00	Agri/Res	0.57%	500	1315
121	059-00-00-014.00	Mitchell	3.33	Residential	0.05%	500	270
122	059-00-00-013.00	Doyle	125.32	Agri/Res	1.79%	850	4785
123	059-00-00-001.00	Kaenzig	170.60	Agri/Res	2.44%	2,825	2830
124	058-00-00-043.00	Colgan	87.05	Agricultural	1.25%	N/A	Easement
125	058-00-00-042.00	Colgan	76.75	Agri/Res	1.10%	880	Easement
126	059-00-00-003.00	Colgan	0.34	Residential	0.00%	1,450	Easement
127	059-00-00-004.00	Galbreath	4.39	Residential	0.06%	1,225	Easement
128	058-00-00-019.00	Morris	100.00	Agri/Res	1.43%	2,015	Easement
129	058-00-00-022.00	Lindberg	5.43	Residential	0.08%	500	Easement
130	058-00-00-023.02	Hill	35.57	Agricultural	0.51%	N/A	1450
131	058-00-00-023.00	Lamar	0.24	Residential	0.00%	500	100
132	058-00-00-023.01	Spencer	3.26	Residential	0.05%	670	545

			GIS Data		Adjoin	Distance (ft)	LF
#	MAP ID	Owner	Acres	Present Use	Acres	Home/Panel	Adjacency
133	058-00-00-025.00	Cox	1.27	Residential	0.02%	500	390
134	058-00-00-026.00	Earls	0.77	Residential	0.01%	500	335
135	058-00-00-028.00	Spencer	0.32	Residential	0.00%	500	120
136	058-00-00-029.00	Schwartz	0.34	Residential	0.00%	500	100
137	058-00-00-030.00	Arthur	0.61	Residential	0.01%	500	345
138	058-00-00-020.00	Graham	26.37	Agricultural	0.38%	N/A	645
139	058-00-00-020.01	Strode	32.42	Agri/Res	0.46%	875	1575
140	058-00-00-017.00	Gilliam	41.93	Agri/Res	0.60%	500	1935
141	058-00-00-018.00	Dillon	24.50	Agri/Res	0.35%	500	2725
142	058-00-00-016.00	Utterback	0.70	Residential	0.01%	500	3060
143	058-00-00-012.03	Caskey	12.48	Residential	0.18%	N/A	575
144	058-00-00-012.05	Hawkins	2.00	Residential	0.03%	575	260
145	058-00-00-012.00	Gilkerson	12.47	Residential	0.18%	N/A	140
146	058-00-00-014.00	Utterback	25.83	Agricultural	0.37%	N/A	960
147	057-00-00-016.00	Conrad	110.00	Agri/Res	1.57%	1,690	2400
148	057-00-00-013.00	Reeder	149.97	Agricultural	2.15%	N/A	4220
149	057-00-00-013.00	Reeder	80.03	Agricultural	1.15%	N/A	4240
150	057-00-00-011.00	Johnson	93.33	Agri/Res	1.34%	1,120	4965
151	057-00-00-012.00	Reeder	141.78	Agricultural	2.03%	N/A	5870
152	057-00-00-015.00	Humphries	175.93	Agri/Res	2.52%	940	4265
		Total	6985.389		100.00%	963	

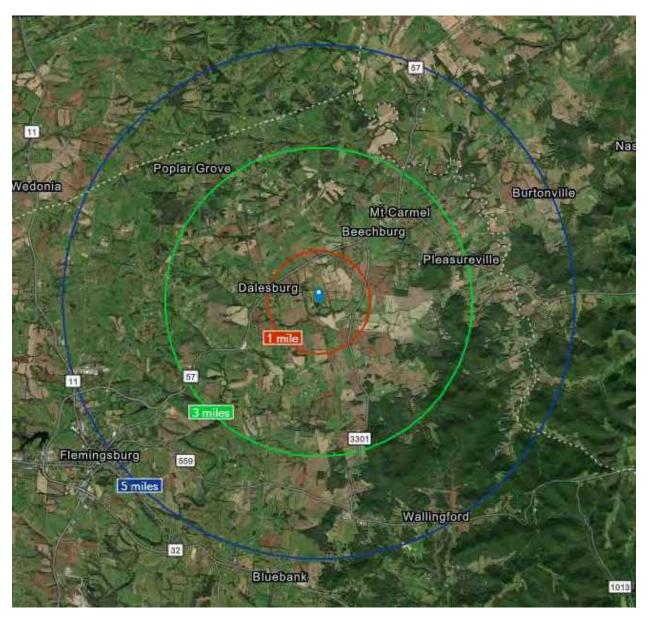
N/A indicates that there is no adjoining home to which to measure.

Linear feet of adjacency listed in red means that the property is across a right of way from the subject property.

Linear feet of adjacency of 1 foot is assigned where properties meet at a corner.

II. <u>Demographics</u>

I have pulled the following demographics for a 1-mile, 3-mile and 5-mile radius around the proposed solar farm project.





Housing Profile

41041, Flemingsburg, Kentucky 2 41041, Flemingsburg, Kentucky Ring: 1 mile radius Prepared by Esri

Long/tude: -83,65443

Population		Households	
2010 Total Population	118	2021 Median Household Income	\$59,840
2021 Total Population	110	2026 Median Household Income	\$59,840
2026 Total Population	109	2021-2026 Annual Rate	0.00%
2021-2026 Annual Pate	-0.18%		

	Census 2010		2021		2026	
Housing Units by Occupancy Status and Tenure	Number	Percent	Number	Percent	Number	Percent
Total Housing Units	40	100.0%	38	100.0%	38	100.0%
Occupied	34	85.0%	32	84.2%	32	84.2%
Owner	28	70.0%	25	65.8%	25	65.8%
Renter	6	15.0%	7	18.4%	7	18.4%
Vacant	6	15.0%	6	15.8%	6	15.8%

	20	21	20	26
Owner Occupied Housing Units by Value	Number	Percent	Number	Percen
Total	25	100.0%	24	100.09
<\$50,000	3	12.0%	2	8.3
\$50,000-\$99,999	5	20.0%	4	16.79
\$100,000-\$149,999	5	20.0%	4	16.7
\$150,000-\$199,999	3	12.0%	3	12.5
\$200,000-\$249,999	0	0.0%	0	0.0
\$250,000-\$299,999	1	4.0%	1	4.2
\$300,000-\$399,999	5	20.0%	6	25.0
\$400,000-\$499,999	0	0.0%	0	0.0
\$500,000-\$749,999	2	8.0%	3	12.5
\$750,000-\$999,999	1	4.0%	1	4.2
\$1,000,000-\$1,499,999	0	0.0%	0	0.0
\$1,500,000-\$1,999,999	0	0.0%	0	0.0
\$2,000,000+	0	0.0%	0	0.0
Median Value	\$145,000		\$183,333	
Average Value	\$230,000		\$270,833	

Census 2010 Housing Units	Number	Percent
Total	40	100.0%
In Urbanized Areas	0	0.0%
In Urban Clusters	1	2.5%
Rural Housing Units	39	97.5%



Housing Profile

41041, Flemingsburg, Kentucky 2 41041, Flemingsburg, Kentucky Ring: 3 mile radius Prepared by Esri

Langitude: 38,45500 Langitude: -83,65443

Population		Households	
2010 Total Population	1,078	2021 Median Household Income	\$54,492
2021 Total Population	1,088	2026 Median Household Income	\$56,791
2026 Total Population	1,077	2021-2026 Annual Rate	0.83%
2021-2026 Appual Pate	-D 20%		

	Census 2010		2021		2026	
Housing Units by Occupancy Status and Tenure	Number	Percent	Number	Percent	Number	Percent
Total Housing Units	421	100.0%	428	100.0%	433	100.0%
Occupied	382	90.7%	388	90.7%	386	89.1%
Owner	319	75.8%	303	70.8%	303	70.0%
Renter	63	15.0%	85	19.9%	83	19.2%
Vacant	39	9.3%	40	9.3%	47	10.9%

	20	2026		
Owner Occupied Housing Units by Value	Number	Percent	Number	Percent
Total	304	100.0%	302	100.0%
<\$50,000	36	11.8%	26	8.6%
\$50,000-\$99,999	69	22.7%	53	17.5%
\$100,000-\$149,999	54	17.8%	48	15.9%
\$150,000-\$199,999	43	14.1%	44	14.6%
\$200,000-\$249,999	17	5.6%	19	6.3%
\$250,000-\$299,999	10	3.3%	11	3.6%
\$300,000-\$399,999	36	11.8%	47	15.6%
\$400,000-\$499,999	0	0.0%	0	0.0%
\$500,000-\$749,999	19	6.2%	27	8.9%
\$750,000-\$999,999	17	5.6%	24	7.9%
\$1,000,000-\$1,499,999	3	1.0%	3	1.0%
\$1,500,000-\$1,999,999	0	0.0%	0	0.0%
\$2,000,000+	0	0.0%	0	0.0%
Median Value	\$143,519		\$177,273	
Average Value	\$230,345		\$277,152	

Census 2010 Housing Units	Number	Percent
Total	421	100.0%
In Urbanized Areas	0	0.0%
In Urban Clusters	98	23.3%
Rural Housing Units	323	76.7%



Housing Profile

41041, Flemingsburg, Kentucky 2 41041, Flemingsburg, Kentucky Ring: 5 mile radius Prepared by Esri

Long/tude: -83.65443

Population		Households	
2010 Total Population	4,142	2021 Median Household Income	\$48,754
2021 Total Population	4,181	2026 Median Household Income	\$51,387
2026 Total Population	4,152	2021-2026 Annual Rate	1.06%
2021-2026 Appual Pate	-D 149/s		

	Census 2010		2021		2026	
Housing Units by Occupancy Status and Tenure	Number	Percent	Number	Percent	Number	Percent
Total Housing Units	1,803	100.0%	1,825	100.0%	1,846	100.0%
Occupied	1,607	89.1%	1,631	89.4%	1,624	88.0%
Owner	1,233	68.4%	1,159	63.5%	1,161	62.9%
Renter	374	20.7%	472	25.9%	463	25.1%
Vacant	196	10.9%	194	10.6%	222	12.0%

	20	21	20	26
Owner Occupied Housing Units by Value	Number	Percent	Number	Percen
Total	1,159	100.0%	1,161	100.09
<\$50,000	156	13.5%	120	10.39
\$50,000-\$99,999	318	27.4%	269	23.2
\$100,000-\$149,999	176	15.2%	160	13.89
\$150,000-\$199,999	161	13.9%	167	14.49
\$200,000-\$249,999	84	7.2%	94	8.19
\$250,000-\$299,999	44	3.8%	49	4.29
\$300,000-\$399,999	107	9.2%	143	12.39
\$400,000-\$499,999	2	0.2%	3	0.39
\$500,000-\$749,999	51	4.4%	74	6.49
\$750,000-\$999,999	51	4.4%	71	6.19
\$1,000,000-\$1,499,999	8	0.7%	10	0.99
\$1,500,000-\$1,999,999	1	0.1%	1	0.19
\$2,000,000+	0	0.0%	0	0.09
Median Value	\$129,972		\$159,431	
Average Value	\$203,214		\$242,076	

Census 2010 Housing Units	Number	Percent
Total	1,803	100.0%
In Urbanized Areas	0	0.0%
In Urban Clusters	594	32.9%
Rural Housing Units	1,209	67.1%

III. Methodology and Discussion of Issues

Standards and Methodology

I conducted this analysis using the standards and practices established by the Appraisal Institute and that conform to the Uniform Standards of Professional Appraisal Practice. The analyses and methodologies contained in this report are accepted by all major lending institutions, and they are used in Kentucky and across the country as the industry standard by certified appraisers conducting appraisals, market analyses, or impact studies and are considered adequate to form an opinion of the impact of a land use on neighboring properties. These standards and practices have also been accepted by the courts at the trial and appellate levels and by federal courts throughout the country as adequate to reach conclusions about the likely impact a use will have on adjoining or abutting properties.

The aforementioned standards compare property uses in the same market and generally within the same calendar year so that fluctuating markets do not alter study results. Although these standards do not require a linear study that examines adjoining property values before and after a new use (e.g. a solar farm) is developed, some of these studies do in fact employ this type of analysis. Comparative studies, as used in this report, are considered an industry standard.

The type of analysis employed is a Matched Pair Analysis or Paired Sales Analysis. This methodology is outlined in **The Appraisal of Real Estate**, Twelfth Edition by the Appraisal Institute pages 438-439. It is further detailed in **Real Estate Damages**, Third Edition, pages 33-36 by Randall Bell PhD, MAI. Paired sales analysis is used to support adjustments in appraisal work for factors ranging from the impact of having a garage, golf course view, or additional bedrooms. It is an appropriate methodology for addressing the question of impact of an adjoining solar farm. The paired sales analysis is based on the theory that when two properties are in all other respects equivalent, a single difference can be measured to indicate the difference in price between them. Dr. Bell describes it as comparing a test area to control areas. In the example provided by Dr. Bell he shows five paired sales in the test area compared to 1 to 3 sales in the control areas to determine a difference. I have used 3 sales in the control areas in my analysis for each sale developed into a matched pair.

Determining what is an External Obsolescence

An external obsolescence is a use of property that, because of its characteristics, might have a negative impact on the value of adjacent or nearby properties because of identifiable impacts. Determining whether a use would be considered an external obsolescence requires a study that isolates that use, eliminates any other causing factors, and then studies the sales of nearby versus distant comparable properties. The presence of one or a combination of key factors does not mean the use will be an external obsolescence, but a combination of these factors tend to be present when market data reflects that a use is an external obsolescence.

External obsolescence is evaluated by appraisers based on several factors. These factors include but are not limited to:

- 1) Traffic. Solar Farms are not traffic generators.
- 2) Odor. Solar farms do not produce odor.
- 3) Noise. Solar farms generate no noise concerns and are silent at night.

- 4) Environmental. Solar farms do not produce toxic or hazardous waste. Grass is maintained underneath the panels so there is minimal impervious surface area.
- 5) Appearance/Viewshed. This is the one area that potentially applies to solar farms. However, solar farms are generally required to provide significant setbacks and landscaping buffers to address that concern. Furthermore, any consideration of appearance of viewshed impacts has to be considered in comparison with currently allowed uses on that site. For example if a residential subdivision is already an allowed use, the question becomes in what way does the appearance impact adjoining property owners above and beyond the appearance of that allowed subdivision or other similar allowed uses.
- 6) Other factors. I have observed and studied many solar farms and have never observed any characteristic about such facilities that prevents or impedes neighbors from fully using their homes or farms or businesses for the use intended.

Relative Solar Farm Sizes

Solar farms have been increasing in size in recent years. Much of the data collected is from existing, older solar farms of smaller size, but there are numerous examples of sales adjoining 75 to 80 MW facilities that show a similar trend as the smaller solar farms. This is understandable given that the primary concern relative to a solar farm is the appearance or view of the solar farm, which is typically addressed through setbacks and landscaping buffers. The relevance of data from smaller solar farms to larger solar farms is due to the primary question being one of appearance. If the solar farm is properly screened, then little of the solar farm would be seen from adjoining property regardless of how many acres are involved.

Larger solar farms are often set up in sections where any adjoining owner would only be able to see a small section of the project even if there were no landscaping screen. Once a landscaping screen is in place, the primary view is effectively the same whether you are adjoining a 5 MW, 20 MW or 100 MW facility.

I have split out the data for the matched pairs adjoining larger solar farms only to illustrate the similarities later in this report. I note that I have matched pairs adjoining solar farms up to 620 MWs in size showing no impact on property value.

Steps Involved in the Analysis

The paired sales analysis employed in this report follows the following process:

- 1. Identify sales of property adjoining existing solar farms.
- 2. Compare those sales to similar property that does not adjoin an existing solar farm.
- 3. Confirmation of sales are noted in the analysis write ups.
- 4. Distances from the homes to panels are included as a measure of the setbacks.
- 5. Topographic differences across the solar farms themselves are likewise noted along with demographic data for comparing similar areas.

There are a number of Sale/Resale comparables included in the write ups, but most of the data shown is for sales of homes after a solar farm has been announced (where noted) or after a solar farm has been constructed.

IV. Research on Solar Farms

A. Appraisal Market Studies

I have also considered a number of impact studies completed by other appraisers as detailed below.

CohnReznick - Property Value Impact Study: Adjacent Property Values Solar Impact Study: A Study of Eight Existing Solar Facilities

Patricia McGarr, MAI, CRE, FRICS, CRA and Andrew R. Lines, MAI with CohnReznick completed an impact study for a proposed solar farm in Cheboygan County, Michigan completed on June 10, 2020. I am familiar with this study as well as a number of similar such studies completed by CohnReznick. I have not included all of these studies but I submit this one as representative of those studies.

This study addresses impacts on value from eight different solar farms in Michigan, Minnesota, Indiana, Illinois, Virginia and North Carolina. These solar farms are 19.6 MW, 100 MW, 11.9 MW, 23 MW, 71 MW, 61 MW, 40 MW, and 19 MW for a range from 11.9 MW to 100 MW with an average of 31 MW and a median of 31.5 MW. They analyzed a total of 24 adjoining property sales in the Test Area and 81 comparable sales in the Control Area over a five-year period.

The conclusion of this study is that there is no evidence of any negative impact on adjoining property values based on sales prices, conditions of sales, overall marketability, potential for new development or rate of appreciation.

Christian P. Kaila & Associates - Property Impact Analysis - Proposed Solar Power Plant Guthrie Road, Stuarts Draft, Augusta County, Virginia

Christian P. Kaila, MAI, SRA and George J. Finley, MAI developed an impact study as referenced above dated June 16, 2020. This was for a proposed 83 MW facility on 886 acres.

Mr. Kaila interviewed appraisers who had conducted studies and reviewed university studies and discussed the comparable impacts of other development that was allowed in the area for a comparative analysis of other impacts that could impact viewshed based on existing allowed uses for the site. He also discussed in detail the various other impacts that could cause a negative impact and how solar farms do not have such characteristics.

Mr. Kaila also interviewed County Planners and Real Estate Assessor's in eight different Virginia counties with none of the assessor's identifying any negative impacts observed for existing solar projects.

Mr. Kaila concludes on a finding of no impact on property values adjoining the indicated solar farm.

Fred Beck, MAI, CCIM - Impact Analysis in Lincoln County 2013

Mr. Fred Beck, MAI, CCIM completed an impact analysis in 2013 for a proposed solar farm that concluded on a negative impact on value. That report relied on a single cancelled contract for an adjoining parcel where the contracted buyers indicated that the solar farm was the reason for the cancellation. It also relied on the activities of an assessment impact that was applied in a nearby county.

Mr. Beck was interviewed as part of the Christian Kalia study noted above. From that I quote "Mr. Beck concluded on no effect on moderate priced homes, and only a 5% change in his limited research of higher priced homes. His one sale that fell through is hardly a reliable sample. It also was misleading on Mr. Beck's part to report the lower re-assessments since the primary cause of the

re-assesments were based on the County Official, who lived adjacent to the solar farm, appeal to the assessor for reductions with his own home." In that Clay County Case study the noted lack of lot sales after announcement of the solar farm also coincided with the recession in 2008/2009 and lack of lot sales effectively defined that area during that time. I contacted the Clay County Assessor who indicated that there is no set downward adjustment for properties adjoining solar farms in the county at this time.

I further note, that I was present at the hearing where Mr. Beck presented these findings and the predominance of his argument before the Lincoln County Board of Commissioner's was based on the one cancelled sale as well as a matched pair analysis of high-end homes adjoining a four-story call center. He hypothesized that a similar impact from that example could be compared to being adjacent solar farm without explaining the significant difference in view, setbacks, landscaping, traffic, light, and noise. Furthermore, Mr. Beck did have matched pairs adjoining a solar farm in his study that he put in the back of his report and then ignored as they showed no impact on property value.

Also noted in the Christian Kalia interview notes is a response from Mr. Beck indicating that in his opinion "the homes were higher priced homes and had full view of the solar farm." Based on a description of screening so that "the solar farm would not be in full view to adjoining property owners. Mr. Beck said in that case, he would not see any drop in property value."

NorthStar Appraisal Company - Impact Analysis for Nichomus Run Solar, Pilesgrove, NJ, September 16, 2020

Mr. William J. Sapio, MAI with NorthStar Appraisal Company considered a matched pair analysis for the potential impact on adjoining property values to this proposed 150 MW solar farm. Mr. Sapio considered sales activity in a subdivision known as Point of Woods in South Brunswick Township and identified two recent new homes that were constructed and sold adjoining a 13 MW solar farm and compared them to similar homes in that subdivision that did not adjoin the solar farm. These homes sold in the \$1,290,450 to \$1,336,613 price range and these homes were roughly 200 feet from the closest solar panel.

Based on this analysis, he concluded that the adjoining solar farm had no impact on adjoining property value.

Mary McClinton Clay, MAI - McCracken County Solar Project Value Impact Report, July 10, 2021

Ms. Mary Clay, MAI reviewed a report by Kirkland Appraisals in this case and also provided a differing opinion of impact. She cites a number of other appraisal studies and interestingly finds fault with heavily researched opinions, while praising the results of poorly researched studies that found the opposing view.

Her analysis includes details from solar farms that show no impact on value, but she dismisses those.

She cites the University of Texas study noted later in this report, but she cites only isolated portions of that study to conclude the opposite of what that study specifically concludes.

She cites the University of Rhode Island study noted alter in this report, but specifically excludes the conclusion of that study that in rural areas they found no impact on property value.

She cites lot sales near Spotsylvania Solar without confirming the purchase prices with brokers as indicative of market impact and has made no attempt to compare lot prices that are contemporaneous. In her 5 lot sales that she identifies, all of the lot prices decline with time from 2015 through 2019. This includes the 3 lot sales prior to the approval of the solar farm. The lot sales she cites showing a drop are all related to the original developer of that subdivision 20+ years

ago liquidating all of their lots in that time period and shows significant drops on all of the lots due to it being a liquidation value. More recent lot sales show lot prices over \$100,000 with the most recent land sale adjoining the solar farm having sold in December of 2021 for \$140,000. I spoke with Chris Kalia, MAI out of VA about these lot sales and he confirmed along with two other appraisers in that market that he connected me with that the lot sales Ms. Clay identified were all related to that liquidation and not related to the solar farm. All three appraisers agreed that they had seen no negative impacts from Spotsylvania Solar and that lot prices among builders and home owners were going up and home prices in the neighborhood were likewise going up.

She considers data at McBride Place Solar Farm and does a sale/resale analysis based on Zillow Home Value Index, which is not a reliable indication for appreciation in the market. She then adjusted her initial sales prior to the solar farm over 7 years to determine what she believes the home should have appreciated by and then compares that to an actual sale. She has run no tests or any analysis to show that the appreciation rates she is using are consistent with the market but more importantly she has not attempted to confirm any of these sales with market participants. I have spoken with brokers active in the sales that she cites and they have all indicated that the solar farm was not a negative factor in marketing or selling those homes.

She has considered lot sales at Sunshine Farms in Grandy, NC. She indicates that the lots next to the solar farm are selling for less than lots not near the solar farm, but she is actually using lot sales next to the solar farm prior to the solar farm being approved. She also ignores recent home sales adjoining this solar farm after it was built that show no impact on property value.

She also notes a couple of situations where solar developers have purchased adjoining homes and resold them or where a neighbor agreement was paid as proof of a negative impact on property value. Given that there are over 2,500 solar farms in the USA as of 2018 according to the U.S. Energy Information Administration and there are only a handful of such examples, this is clearly not an industry standard but a business decision. Furthermore, solar developers are not in the business of flipping homes and are in a position very similar to a bank that acquires a home as OREO (Other Real Estate Owned), where homes are frequently sold at discounted prices, not because of any drop in value, but because they are not a typically motivated seller. Market value requires an analysis of a typically motivated buyer and seller. So these are not good indicators of market value impacts.

The comments throughout this study are heavy in adjectives, avoids stating facts contrary to the conclusion and shows a strong selection bias.

Conclusion of Impact Studies

Of the fives studies noted two included actual sales data to derive an opinion of no impact on value. The two studies to conclude on a negative impact includes the Fred Beck study based on no actual sales data, and he has since indicated that with landscaping screens he would not conclude on a negative impact. The other study by Mary Clay shows improper adjustments for time, a lack of confirmation of sales comparables, and exclusion of data that does not support her position.

I have relied on these studies as additional support for the findings in this impact analysis.

B. Articles

I have also considered a number of articles on this subject as well as conclusions and analysis as noted below.

Farm Journal Guest Editor, March 22, 2021 - Solar's Impact on Rural Property Values

Andy Ames, ASFMRA (American Society of Farm Managers and Rural Appraisers) published this article that includes a discussion of his survey of appraisers and studies on the question of property

value related to solar farms. He discusses the university studies that I have cited as well as Patricia McGarr, MAI.

He also discusses the findings of Donald A. Fisher, ARA, who served six years at the Chair of the ASFMRA's National Appraisal Review Committee. He is also the Executive Vice President of the CNY Pomeroy Appraiser and has conducted several market studies on solar farms and property impact. He is quoted in the article as saying, "Most of the locations were in either suburban or rural areas, and all of those studies found either a neutral impact, or ironically, a positive impact, where values on properties after installation of solar farms went up higher than time trends."

Howard Halderman, AFM, President and CEO of Halderman Real Estate and Farm Management attended the ASFMRA solar talk hosted by the Indiana Chapter of the ASFMRA and he concludes that other rural properties would likely see no impact and farmers and landowners shown even consider possible benefits. "In some cases, farmers who rent land to a solar company will insure the viability of their farming operation for a longer time period. This makes them better long-term tenants or land buyers so one can argue that higher rents and land values will follow due to the positive impact the solar leases offer."

National Renewable Energy Laboratory - Top Five Large-Scale Solar Myths, February 3, 2016

Megan Day reports form NREL regarding a number of concerns neighbors often express. Myth #4 regarding property value impacts addresses specifically the numerous studies on wind farms that show no impact on property value and that solar farms have a significantly reduced visual impact from wind farms. She highlights that the appearance can be addressed through mitigation measures to reduce visual impacts of solar farms through vegetative screening. Such mitigations are not available to wind farms given the height of the windmills and again, those studies show no impact on value adjoining wind farms.

North Carolina State University: NC Clean Energy Technology Center White Paper: Balancing Agricultural Productivity with Ground-Based Solar Photovoltaic (PV) Development (Version 2), May 2019

Tommy Cleveland and David Sarkisian wrote a white paper for NCSU NC Clean Energy Technology Center regarding the potential impacts to agricultural productivity from a solar farm use. I have interviewed Tommy Cleveland on numerous occasions and I have also heard him speak on these issues at length as well. He addresses many of the common questions regarding how solar farms work and a detailed explanation of how solar farms do not cause significant impacts on the soils, erosion and other such concerns. This is a heavily researched paper with the references included.

North Carolina State University: NC Clean Energy Technology Center White Paper: Health and Safety Impacts of Solar Photovoltaics, May 2017

Tommy Cleveland wrote a white paper for NCSU NC Clean Energy Technology Center regarding the health and safety impacts to address common questions and concerns related to solar farms. This is a heavily researched white paper addressing questions ranging from EMFs, fire safety, as well as vegetation control and the breakdown of how a solar farm works.

C. Broker Commentary

In the process of working up the matched pairs used later in this report, I have collected comments from brokers who have actually sold homes adjoining solar farms indicating that the solar farm had no impact on the marketing, timing, or sales price for the adjoining homes. I have comments from brokers noted within the solar farm write ups of this report including brokers from Kentucky, Virginia, Tennessee, and North Carolina. I have additional commentary from other states including New Jersey and Michigan that provide the same conclusion.

V. University Studies

I have also considered the following studies completed by four different universities related to solar farms and impacts on property values.

A. University of Texas at Austin, May 2018 An Exploration of Property-Value Impacts Near Utility-Scale Solar Installations

This study considers solar farms from two angles. First it looks at where solar farms are being located and concludes that they are being located primarily in low density residential areas where there are fewer homes than in urban or suburban areas.

The second part is more applicable in that they conducted a survey of appraisers/assessors on their opinions of the possible impacts of proximity to a solar farm. They consider the question in terms of size of the adjoining solar farm and how close the adjoining home is to the solar farm. I am very familiar with this part of the study as I was interviewed by the researchers multiple times as they were developing this. One very important question that they ask within the survey is very illustrative. They asked if the appraiser being surveyed had ever appraised a property next to a solar farm. There is a very noticeable divide in the answers provided by appraisers who have experience appraising property next to a solar farm versus appraisers who self-identify as having no experience or knowledge related to that use.

On Page 16 of that study they have a chart showing the responses from appraisers related to proximity to a facility and size of the facility, but they separate the answers as shown below with appraisers with experience in appraising properties next to a solar farm shown in blue and those inexperienced shown in brown. Even within 100 feet of a 102 MW facility the response from experienced appraisers were -5% at most on impact. While inexperienced appraisers came up with significantly higher impacts. This chart clearly shows that an uninformed response widely diverges from the sales data available on this subject.

Chart B.2 - Estimates of Property Value Impacts (%) by Size of Facility,
Distance, & Respondent Type

5 0 -5 -10 -15 Yes-1.5MW Yes-20MW -Yes-102MW No-1.5MW No-20MW No-102MW -20 3 miles 100 feet 500 feet 1000 feet 1/2 mile 1 mile

Have you assessed a home near a utility-scale solar installation?

Furthermore, the question cited above does not consider any mitigating factors such as landscaping buffers or screens which would presumably reduce the minor impacts noted by experienced appraisers on this subject.

The conclusion of the researchers is shown on Page 23 indicated that "Results from our survey of residential home assessors show that the majority of respondents believe that proximity to a solar installation has either no impact or a positive impact on home values."

This analysis supports the conclusion of this report that the data supports no impact on adjoining property values. The only impact suggested by this study is -5% if a home was within 100 feet of a 100 MW solar farm with little to no landscaping screening. The proposed project has a landscaping screening, is much further setback than 100 feet from adjoining homes, and is less than 100 MW.

B. University of Rhode Island, September 2020

Property Value Impacts of Commercial-Scale Solar Energy in Massachusetts and Rhode Island

The University of Rhode Island published a study entitled **Property Value Impacts of Commercial-Scale Solar Energy in Massachusetts and Rhode Island** on September 29, 2020 with lead researchers being Vasundhara Gaur and Corey Lang. I have read that study and interviewed Mr. Corey Lang related to that study. This study is often cited by opponents of solar farms but the findings of that study have some very specific caveats according to the report itself as well as Mr. Lang from the interview.

While that study does state in the Abstract that they found depreciation of homes within 1-mile of a solar farm, that impact is limited to non-rural locations. On Pages 16-18 of that study under Section 5.3 Heterogeneity in treatment effect they indicate that the impact that they found was limited to non-rural locations with the impact in rural locations effectively being zero. For the study they defined "rural" as a municipality/township with less than 850 population per square mile.

They further tested the robustness of that finding and even in areas up to 2,000 population per square mile they found no statistically significant data to suggest a negative impact. They have not specifically defined a point at which they found negative impacts to begin, as the sensitivity study stopped checking at the 2,000-population per square mile.

Where they did find negative impacts was in high population density areas that was largely a factor of running the study in Massachusetts and Rhode Island which the study specifically cites as being the 2nd and 3rd most population dense states in the USA. Mr. Lang in conversation as well as in recorded presentations has indicated that the impact in these heavily populated areas may reflect a loss in value due to the scarce greenery in those areas and not specifically related to the solar farm itself. In other words, any development of that site might have a similar impact on property value.

Based on this study I have checked the population for the Flemingsburg CCD of Fleming County, which has a population of 7,522 population for 2021 based on HomeTownLocator using Census Data and a total area of 112.27 square miles. This indicates a population density of 67 people per square mile which puts this well below the threshold indicated by the Rhode Island Study.

I therefore conclude that the Rhode Island Study supports the indication of no impact on adjoining properties for the proposed solar farm project.

C. Master's Thesis: ECU by Zachary Dickerson July 2018

A Solar Farm in My Backyard? Resident Perspectives of Utility-Scale Solar in Eastern North Carolina

This study was completed as part of a Master of Science in Geography Master's Thesis by Zachary Dickerson in July 2018. This study sets out to address three questions:

- 1. Are there different aspects that affect resident satisfaction regarding solar farms?
- 2. Are there variations in satisfaction for residents among different geographic settings, e.g. neighborhoods adjacent to the solar farms or distances from the solar farms?
- 3. How can insight from both the utility and planning sectors, combined with knowledge gained from residents, fill gaps in communication and policy writing in regard to solar farms?

This was done through survey and interview with adjacent and nearby neighbors of existing solar farms. The positive to neutral comments regarding the solar farms were significantly higher than negative. The researcher specifically indicates on Page 46 "The results show that respondents generally do not believe the solar farms pose a threat to their property values."

The most negative comments regarding the solar farms were about the lack of information about the approval process and the solar farm project prior to construction.

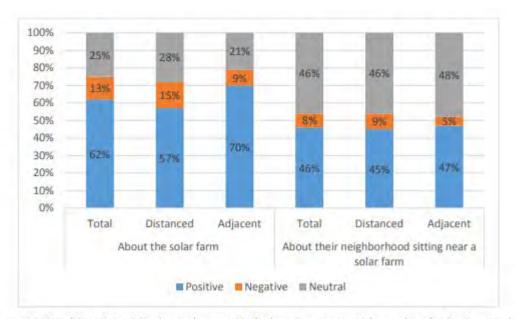


Figure 11: Residents' positive/negative word choices by geographic setting for both questions

D. Ernest Orlando Lawrence Berkeley National Laboratory, December, 2019

The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis

This study addresses wind farms and not solar farms but it is a reasonable consideration. The activity on a wind farm is significantly different in terms of the mechanics and more particularly on the appearance or viewshed as wind farms cannot be screened from adjoining property owners. This study was commissioned by the Department of Energy and not by any developer. This study examined 7,500 home sales between 1996 and 2007 in order to track sales prices both before and after a wind energy facility was announced or built. This study specifically looked into possible stigma, nuisance, and scenic vista.

On page 17 of that study they conclude "Although the analysis cannot dismiss the possibility that individual homes or small numbers of homes have been or could be negatively impacted, it finds that if these impacts do exist, they are either too small and/or too infrequent to result in any widespread, statistically observable impact."

Given that solar farms are a similar use, but with a lower profile and therefore a lower viewshed than the wind farms, it is reasonable to translate these findings of no impact to solar farms.

VI. Assessor Surveys

I have attempted to contact all of the assessor departments in North Carolina to determine how local assessors are handling solar farms and adjoining property values. I have spoken personally with a number of assessors, but much of this data was obtained via email. I have 39 counties in NC that have both responded to these questions on property value and also have solar farms in that county. I have excluded responses from assessors from counties where there are no current solar farms.

As can be seen in the chart below, of the 39 responses all of the responses have indicated that they make no adjustment to properties adjoining solar farms. Several assessors indicated that it would require an adjoining property owner to appeal their property value with data showing a negative impact before they would make any adjustment and to date they have not had that happen.

I also point out specifically Clay County. I spoke with the assessor there specifically about adjustments that were applied to some properties near a solar farm back in 2008/2011. She was unaware of the details of that event as she was not in this position at that time. As discussed earlier in this report the lower re-assessments at that solar farm were based on a County Official, who owned property adjacent to the solar farm, who made an appeal to the assessor for reductions for his own property. The noted lack of lot sales after announcement of the solar farm however coincided with the recession in 2009 and lack of lot sales effectively defined that area during that time, but without relying on any data the assessor made that change in that time frame based on conversations with the assessor. Since then, Clay County has confirmed that they do not currently make any changes to adjoining property values and the current county assessor was not even aware that they had in the past done so.

NC Assessor Survey on Solar Farm Property Value Impacts

County	Assessor's Name	Number of Farms	Change in Adjacent Property Value
Alexander	Doug Fox	3	No
Buncombe	Lisa Kirbo	1	No
Burke	Daniel Isenhour	3, 2 on 1 parcel, 1 on 3 parcels	No
Cabarrus	Justin	less than 10, more in the works	No
Caldwell	Monty Woods	3 small	No, but will look at data in 2025
Catawba	Lori Ray	14	No
Chatham	Jenny Williams	13	No
Cherokee	Kathy Killian	9	No
Chowan	Melissa Radke	3, I almost operational	No
Clay	Bonnie L. Lyvers	-	No
Davidson	Libby	1	No
Duplin	Gary Rose	34, 2 more in planning	No
Franklin	Marion Cascone	11	No
Gaston	Traci Hovis	3	No
Gates	Chris Hill	3	No
Granville	Jenny Griffin	8	No
Halifax	C. Shane Lynch	Multiple	No
Hoke	Mandi Davis	4	No
Hyde	Donnie Shumate	1 to supplement egg processing plant	No
Iredell	Wes Long	2, 3 others approved	No
Lee	Lisa Faulkner	8	No
Lincoln	Susan Sain	2	No
Moore	Michael Howery	10	No
New Hanover	Rhonda Garner	35	No
Orange	Chad Phillip	2 or 7 depending on breakdown	No
Pender	Kayla Bolick Futrell	6	No
Person	Russell Jones	9	No
Pitt	Russell D. Hill	8, 1 in planning	No
Randolph	Mark Frick	19	No
Rockingham	Mark C McClintock	6	No
Rutherford	Kim Aldridge	20	No
Sampson	Jim Johnson	9, 1 in construction	No
Scotland	James Brown	15, 1 in process	No
Stokes	Richard Brim	2	No
Surry	Penny Harrison	4, 2 more in process	No
Union	Robin E. Merry	6	No
Vance	Cathy E. Renn	13	No
Warren	John Preston	7	No
Wayne	Alan Lumpkin	32	No
Wilson	William (Witt) Putney	~16	No, mass appraisal standards applied
	,		, TT

Responses: 39

Negative Impact on Adjoining Value = Yes: 0 Negative Impact on Adjoining Value = No: 39

I have also been working on a survey of Virginia Assessors regarding property values related to solar farms and whether or not the local assessors have found any data to support any changes to value on property adjoining solar farms. In this process I have contacted every assessor's office by email and I have received responses by email and by phone from a number of these counties. Many of the counties in Virginia rely on outside firms to assist in gathering data for the assessments and where that is the case we have contacted the outside firms regarding the question of whether or not the assessors are currently making any adjustments to properties adjoining solar farms.

I currently have response from 16 counties that have solar farms in them and of those 16 responses none of the assessors are currently applying a negative impact on property value. One response suggested that adjoining values may go up.

I did speak with Randy Willis with Pearson Assessors. His company assists in the assessments in many of the counties south of Richmond. He indicated that they had found no data to suggest a negative impact on property value and they have looked as they were concerned about that issue. He indicated that they would make no negative impact adjustments and that he recognizes that

there are a number of agricultural adjoining uses that have a greater impact on adjoining properties in terms of noise, dust and odor than a solar farm would have. He did indicate that there could be situations where an individual home might have a greater visual impact and those should be looked at on a case-by-case basis, but he also agreed that many allowed agricultural uses could have similar visual impacts on such properties as well.

VIRGINIA Commissioner of the Revenue

County	Assessor Name	Number of Farms in Operation	Change in adjacent property value
Appomattox	Sara Henderson	1, plus one in process	No
Augusta	W. Jean Shrewsbury	no operational	No
Buckingham	Stephanie D. Love	1	No
Charlotte	Naisha Pridgen Carter	1, several others in the works	No
Clarke	Donna Peake	1	No
Frederick	Seth T. Thatcher	none, 2 appoved for 2022	No, assuming compatible with rural area
Goochland	Mary Ann Davis		No
Hanover	Ed Burnett	1	No
Louisa	Stacey C. Fletcher	2 operational by end of year	No, only if supported by market data
Mecklenburg	Joseph E. "Ed" Taylor		No
Nottoway	Randy Willis with Pear	son Assessors	No
Powhatan	Charles Everest	2 approved, 1 built	Likely increase in value
Rockingham	Dan Cullers	no operational	Likely no
Southampton	Amy B. Carr	1	Not normally
Surry	Jonathan F. Judkins	1	None at this time
Westmoreland	William K. Hoover	4	No

Responses: 16

Negative Impact on Adjoining Value = Yes: 0 Negative Impact on Adjoining Value = No: 16

VII. Summary of Solar Projects in Kentucky

I have researched the solar projects in Kentucky. I identified the solar farms through the Solar Energy Industries Association (SEIA) Major Projects List and then excluded the roof mounted facilities. This leaves only six solar farms in Kentucky for analysis at this time.

One of these six solar farms has limited analysis potential: E.W. Brown near Harrodsburg in Mercer County. The E. W. Brown 10 MW solar farm was built in 2014 and adjoins three coal-fired units. Given that research studies that I have read regarding fossil fuel power plants including "The Effect of Power Plants on Local Housing Values and Rents" by Lucas W. Davis and published May 2010, it would not be appropriate to use any data from this solar farm due to the influence of the coal-fired power plant that could have an impact on up to a one-mile radius. I note that the closest home to a solar panel at this site is 565 feet and the average distance is 1,026 feet. The homes are primarily clustered at the Herrington Lake frontage. Recent sales in this area range from \$164,000 to \$212,000 for these waterfront homes. Again, no usable data can be derived from this solar farm due to the adjoining coal fired plant.

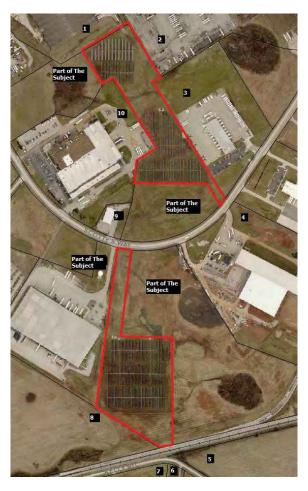
Furthermore, the Cooperative solar farm in Shelby County is a 0.5 MW facility on 35 acres built in 2020 that is proposed to eventually be 4 MW. This project is too new and there have been no home sales adjoining this facility. I also cannot determine how close the nearby homes are to the adjoining solar panels as the aerial imagery does not yet show these panels.

I have provided a summary of projects below and additional detailed information on the projects on the following pages. I specifically note the similarity in most of the sites in Kentucky in terms of mix of adjoining uses, topography, and distances to adjoining homes.

The number of solar farms currently in Kentucky is low compared to a number of other states and North Carolina in particular. I have looked at solar farms in Kentucky for sales activity, but the small number of sites coupled with the relatively short period of time these solar farms have been in place has not provided as many examples of sales adjoining a solar farm as I am able to pull from other places. I have therefore also considered sales in other states, but I have shown in the summary how the demographics around the solar farms in other locations relate to the demographics around the proposed solar farm to show that generally similar locations are being considered. The similarity of the sites in terms of adjoining uses and surrounding demographics makes it reasonable to compare the lack of significant impacts in other areas would translate into a similar lack of significant impacts at the subject site.

						Total	Used	Avg. Dist	Closest	Adjoin	ing Use	by Acre			Adjoinin	g Use by	y Numb	er
Parcel i	State	County	City	Name	Output (MW)	Acres	Acres	to home	Home	Res	Agri	Agri/Res	Com		ResiderA	griculC	Comm/I	nd %
61	.0 KY	Warren	Bowling Green	Bowling Green	2	17.36	17.36	720	720	1%	64%	0%	36%	100%	10%	30%	60%	100%
61	1 KY	Clark	Winchester	Cooperative Solar I	8.5	181.47	63	2,110	2,040	0%	96%	3%	0%	100%	22%	78%	0%	100%
61	2 KY	Kenton	Walton	Walton 2	2	58.03	58.03	891	120	21%	0%	60%	19%	100%	65%	0%	35%	100%
61	3 KY	Grant	Crittenden	Crittenden	2.7	181.7	34.1	1,035	345	22%	27%	51%	0%	100%	96%	4%	0%	100%
61	7 KY	Metcalfe	Summer Shade	Glover Creek		968.2	322.4	1,731	375	6%	25%	69%	0%	100%	83%	17%	0%	100%
61	8 KY	Garrard	Lancaster	Turkey Creek		752.8	297.1	976	240	8%	36%	51%	5%	100%	73%	12%	15%	100%
		Total Num	ber of Solar Farms		6													
				Average	3.80	359.9	132.0	1244	640	9%	41%	39%	10%		58%	24%	18%	
				Median	2.35	181.6	60.5	1006	360	7%	32%	51%	3%		69%	14%	7%	
				High	8.50	968.2	322.4	2110	2040	22%	96%	69%	36%		96%	78%	60%	
				Low	2.00	17.4	17.4	720	120	0%	0%	0%	0%		3%	0%	0%	





This project was built in 2011 and located on 17.36 acres for a 2 MW project on Scotty's Way with the adjoining uses being primarily industrial. The closest dwelling is 720 feet from the nearest panel.

	Acreage	Parcels
Residential	0.58%	10.00%
Agricultural	63.89%	30.00%
Industrial	35.53%	60.00%
Total	100.00%	100.00%





This project was built in 2017 on 63 acres of a 181.47-acre parent tract for an 8.5 MW project with the closest home at 2,040 feet from the closest solar panel.

	Acreage	Parcels
Residential	0.15%	11.11%
Agricultural	96.46%	77.78%
Agri/Res	3.38%	11.11%
Total	100.00%	100.00%

612: Walton 2 Solar, Walton, KY



This project was built in 2017 on 58.03 acres for a 2 MW project with the closest home 120 feet from the closest panel.

	Acreage	Parcels
Residential	20.84%	47.06%
Agri/Res	59.92%	17.65%
Commercial	19.25%	35.29%
Total	100.00%	100.00%





This project was built in late 2017 on 34.10 acres out of a 181.70-acre tract for a 2.7 MW project where the closest home is 345 feet from the closest panel.

	Acreage	Parcels
Residential	1.65%	32.08%
Agricultural	73.39%	39.62%
Agri/Res	23.05%	11.32%
Commercial	0.64%	9.43%
Industrial	0.19%	3.77%
Airport	0.93%	1.89%
Substation	0.15%	1.89%
Total	100.00%	100.00%

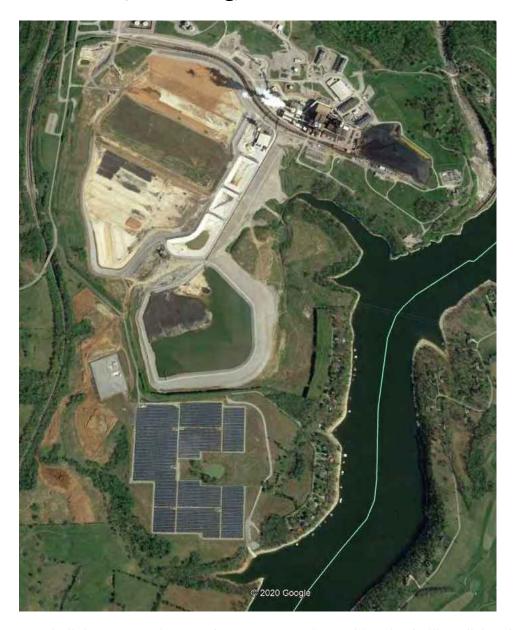




This project was built in 2020 on 35 acres for a 0.5 MW project that is approved for expansion up to 4 MW.

	Acreage	Parcels
Residential	6.04%	44.44%
Agricultural	10.64%	11.11%
Agri/Res	31.69%	33.33%
Institutional	51.62%	11.11%
Total	100.00%	100.00%

660: E.W. Brown Solar, Harrodsburg, KY



This project was built in 2016 on 50 acres for a 10 MW project. This solar facility adjoins three coal-fired units, which makes analysis of these nearby home sales problematic as it is impossible to extract the impact of the coal plant on the nearby homes especially given the lake frontage of the homes shown.

	Acreage	Parcels
Residential	2.77%	77.27%
Agricultural	43.92%	9.09%
Agri/Res	28.56%	9.09%
Industrial	24.75%	4.55%
Total	100.00%	100.00%

VIII. Market Analysis of the Impact on Value from Solar Farms

I have researched hundreds of solar farms in numerous states to determine the impact of these facilities on the value of adjoining properties. This research has primarily been in North Carolina, but I have also conducted market impact analyses in Virginia, South Carolina, Tennessee, Texas, Oregon, Mississippi, Maryland, New York, California, Missouri, Florida, Montana, Georgia, Kentucky, and New Jersey.

I have derived a breakdown of the adjoining uses to show where solar farms are located. A summary showing the results of compiling that data over hundreds of solar farms is shown later in the Scope of Research section of this report.

I also consider whether the properties adjoining a solar farm in one location have characteristics similar to the properties abutting or adjoining the proposed site so that I can make an assessment of market impact on each proposed site. Notably, in most cases solar farms are placed in areas very similar to the site in question, which is surrounded by low density residential and agricultural uses. In my over 700 studies, I have found a striking repetition of that same typical adjoining property use mix in over 90% of the solar farms I have looked at. Matched pair results in multiple states are strikingly similar, and all indicate that solar farms – which generate very little traffic, and do not generate noise, dust or have other harmful effects – do not negatively impact the value of adjoining or abutting properties.

I have previously been asked by the Kentucky Siting Board about how the solar farms and the matched pair sets were chosen. This is the total of all the usable home sales adjoining the 900+ solar farms that I have looked at over the last 10 years. Most of the solar farms that I have looked at are only a few years old and have not been in place long enough for home or land sales to occur next to them for me to analyze. There is nothing unusual about this given the relatively rural locations of most of the solar farms where home and land sales occur much less frequently than they do in urban and suburban areas and the number of adjoining homes is relatively small.

I review the solar farms that I have looked at periodically to see if there are any new sales. If there is a sale I have to be sure it is not an inhouse sale or to a related family member. A great many of the rural sales that I find are from one family member to another, which makes analysis impossible given that these are not "arm's length" transactions. There are also numerous examples of sales that are "arm's length" but are still not usable due to other factors such as adjoining significant negative factors such as a coal fired plant or at a landfill or prison. I have looked at homes that require a driveway crossing a railroad spur, homes in close proximity to large industrial uses, as well as homes adjoining large state parks, or homes that are over 100 years old with multiple renovations. Such sales are not usable as they have multiple factors impacting the value that are tangled together. You can't isolate the impact of the coal fired plant, the industrial building, or the railroad unless you are comparing that sale to a similar property with similar impacts. Matched pair analysis requires that you isolate properties that only have one differential to test for, which is why the type of sales noted above is not appropriate for analysis.

After my review of all sales and elimination of the family transactions and those sales with multiple differentials, I am left with the matched pairs shown in this report to analyze. I do have additional matched pair data in other areas of the United States that were not included in this report due to being states less comparable to Kentucky than those shown. The only other sales that I have eliminated from the analysis are home sales under \$100,000, which there haven't been many such examples, but at that price range it is difficult to identify any impacts through matched pair analysis. I have not cherry picked the data to include just the sales that support one direction in value, but I have included all of them both positive and negative with a preponderance of the evidence supporting no impact to mild positive impacts.

A. Kentucky and Adjoining States Data

Matched Pair - Crittenden Solar, Crittenden, KY



This solar farm was built in December 2017 on a 181.70-acre tract but utilizing only 34.10 acres. This is a 2.7 MW facility with residential subdivisions to the north and south.

I have identified five home sales to the north of this solar farm on Clairborne Drive and one home sale to the south on Eagle Ridge Drive since the completion of this solar farm. The home sale on Eagle Drive is for a \$75,000 home and all of the homes along that street are similar in size and price range. According to local broker Steve Glacken with Cutler Real Estate these are the lowest price range/style home in the market. I have not analyzed that sale as it would unlikely provide significant data to other homes in the area.

Mr. Glacken is currently selling lots at the west end of Clairborne for new home construction. He indicated that the solar farm near the entrance of the development has been a complete non-factor and none of the home sales are showing any concern over the solar farm. Most of the homes are in the \$250,000 to \$280,000 price range. The vacant residential lots are being marketed for \$28,000 to \$29,000. The landscaping buffer is considered light, but the rolling terrain allows for distant views of the panels from the adjoining homes along Clairborne Drive.

The first home considered is a bit of an anomaly for this subdivision in that it is the only manufactured home that was allowed in the community. It sold on January 3, 2019. I compared that sale to three other manufactured home sales in the area making minor adjustments as shown on the next page to account for the differences. After all other factors are considered the adjustments show a -1% to +13% impact due to the adjacency of the solar farm. The best indicator is 1250 Cason, which shows a 3% impact. A 3% impact is within the normal static of real estate transactions and therefore not considered indicative of a positive impact on the property, but it strongly supports an indication of no negative impact.

Adjoin	Adjoining Residential Sales After Solar Farm Approved											
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
	Adjoins	250 Claiborne	0.96	1/3/2019	\$120,000	2000	2,016	\$59.52	3/2	Drive	Manuf	
	Not	1250 Cason	1.40	4/18/2018	\$95,000	1994	1,500	\$63.33	3/2	2-Det	Manuf	Carport
	Not	410 Reeves	1.02	11/27/2018	\$80,000	2000	1,456	\$54.95	3/2	Drive	Manuf	
	Not	315 N Fork	1.09	5/4/2019	\$107,000	1992	1 702	\$50.71	3/2	Drive	Manuf	

Adjustm	ents									Avg		
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
Adjoins	250 Claiborne								\$120,000			373
Not	1250 Cason	\$2,081		\$2,850	\$26,144		-\$5,000	-\$5,000	\$116,075	3%		
Not	410 Reeves	\$249		\$0	\$24,615				\$104,865	13%		
Not	315 N Fork	-\$1,091		\$4,280	\$10,700				\$120,889	-1%		
											5%	

I also looked at three other home sales on this street as shown below. These are stick-built homes and show a higher price range.

Adjoini	ng Reside	ential S	Sales After	Solar Fa	arm Approv	red								
Parcel	Solar	Ad	dress	Acres	Date Sold	Sales	Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
	Adjoins	300 C	laiborne	1.08	9/20/2018	3 \$21	2,720	2003	1,568	\$135.66	3/3	2-Car	Ranch	Brick
	Not	460 C	laiborne	0.31	1/3/2019	\$22	9,000	2007	1,446	\$158.37	3/2	2-Car	Ranch	Brick
	Not	2160	Sherman	1.46	6/1/2019	\$26	5,000	2005	1,735	\$152.74	3/3	2-Car	Ranch	Brick
	Not	215 L	exington	1.00	7/27/2018	3 \$23	1,200	2000	1,590	\$145.41	5/4	2-Car	Ranch	Brick
Adjustn	nents												Avg	
Solar Adjoins	Addre 300 Clai		Time	Site	YB	GLA	BR/BA	Park	Otl		tal % 3,000	% Diff	% Diff	Distance 488

 Solar
 Address
 Time
 Site
 YB
 GLA
 BR/BA
 Park
 Other
 Total
 % Diff
 % Diff
 Distance

 Adjoins
 300 Claiborne
 -\$2,026
 -\$4,580
 \$15,457
 \$5,000
 \$242,850
 -14%

 Not
 2160 Sherman
 -\$5,672
 -\$2,650
 -\$20,406
 \$236,272
 -11%

 Not
 215 Lexington
 \$1,072
 \$3,468
 -\$2,559
 -\$5,000
 \$228,180
 -7%

This set of matched pairs shows a minor negative impact for this property. I was unable to confirm the sales price or conditions of this sale. The best indication of value is based on 215 Lexington, which required the least adjusting and supports a -7% impact.

Adjoin	Adjoining Residential Sales After Solar Farm Approved												
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	
	Adjoins	350 Claiborne	1.00	7/20/2018	\$245,000	2002	1,688	\$145.14	3/3	2-Car	Ranch	Brick	
	Not	460 Claiborne	0.31	1/3/2019	\$229,000	2007	1,446	\$158.37	3/2	2-Car	Ranch	Brick	
	Not	2160 Sherman	1.46	6/1/2019	\$265,000	2005	1,735	\$152.74	3/3	2-Car	R/FBsmt	Brick	
	Not	215 Lexington	1.00	7/27/2018	\$231,200	2000	1,590	\$145.41	5/4	2-Car	Ranch	Brick	

Adjustm	ents										Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
Adjoins	350 Claiborne								\$245,000			720
Not	460 Claiborne	-\$3,223		-\$5,725	\$30,660	\$5,000			\$255,712	-4%		
Not	2160 Sherman	-\$7,057		-\$3,975	-\$5,743				\$248,225	-1%		
Not	215 Lexington	-\$136		\$2,312	\$11,400	-\$5,000			\$239,776	2%		
											-1%	

The following photograph shows the light landscaping buffer and the distant view of panels that was included as part of the marketing package for this property. The panels are visible somewhat on the left and somewhat through the trees in the center of the photograph. The first photograph is from the home, with the second photograph showing the view near the rear of the lot.





This set of matched pairs shows a no negative impact for this property. The range of adjusted impacts is -4% to +2%. The best indication is -1%, which as described above is within the typical market static and supports no impact on adjoining property value.

Adjoining	Residential	Sales After	Solar	Farm /	Annrowed
Aujoining	Vezinentiai	Sales Milei	SULAL	raim 2	approved

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
	Adjoins	370 Claiborne	1.06	8/22/2019	\$273,000	2005	1,570	\$173.89	4/3	2-Car	2-Story	Brick
	Not	2160 Sherman	1.46	6/1/2019	\$265,000	2005	1,735	\$152.74	3/3	2-Car	R/FBsmt	Brick
	Not	2290 Dry	1.53	5/2/2019	\$239,400	1988	1,400	\$171.00	3/2.5	2-Car	R/FBsmt	Brick
	Not	125 Lexington	1.20	4/17/2018	\$240,000	2001	1.569	\$152.96	3/3	2-Car	Split	Brick

Adjustm	ients										Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
Adjoins	370 Claiborne								\$273,000			930
Not	2160 Sherman	\$1,831		\$0	-\$20,161				\$246,670	10%		
Not	2290 Dry	\$2,260		\$20,349	\$23,256	\$2,500			\$287,765	-5%		
Not	125 Lexington	\$9,951		\$4,800					\$254,751	7%		
											4%	

This set of matched pairs shows a general positive impact for this property. The range of adjusted impacts is -5% to +10%. The best indication is +7%. I typically consider measurements of +/-5% to be within the typical variation in real estate transactions. This indication is higher than that and suggests a positive relationship.

The photograph from the listing shows panels visible between the home and the trampoline shown in the picture.



Α	Adjoining Residential Sales After Solar Farm Approved												
	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	
	Adjoins	330 Claiborne	1.00	12/10/2019	\$282,500	2003	1,768	\$159.79	3/3	2-Car	Ranch	Brick/pool	
	Not	895 Osborne	1.70	9/16/2019	\$249,900	2002	1,705	\$146.57	3/2	2-Car	Ranch	Brick/pool	
	Not	2160 Sherman	1.46	6/1/2019	\$265,000	2005	1,735	\$152.74	3/3	2-Car	R/FBsmt	Brick	
	Not	215 Lexington	1.00	7/27/2018	\$231,200	2000	1.590	\$145.41	5/4	2-Car	Ranch	Brick	

											Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
Adjoins	330 Claiborne								\$282,500			665
Not	895 Osborne	\$1,790		\$1,250	\$7,387	\$5,000		\$0	\$265,327	6%		
Not	2160 Sherman	\$4,288		-\$2,650	\$4,032			\$20,000	\$290,670	-3%		
Not	215 Lexington	\$9,761		\$3,468	\$20,706	-\$5,000		\$20,000	\$280,135	1%		
											1%	

This set of matched pairs shows a general positive impact for this property. The range of adjusted impacts is -3% to +6%. The best indication is +6%. I typically consider measurements of +/-5% to be within the typical variation in real estate transactions. This indication is higher than that and suggests a positive relationship. The landscaping buffer on these is considered light with a fair visibility of the panels from most of these comparables and only thin landscaping buffers separating the homes from the solar panels.

The five matched pairs considered in this analysis includes two that show no impact on value, one that shows a negative impact on value, and two that show a positive impact. The negative indication supported by one matched pair is -7% and the positive impacts are +6% and +7%. The two neutral indications show impacts of -1% and +3%. The average indicated impact is +0% when all five of these indicators are blended.

Furthermore, the comments of the local real estate broker strongly support the data that shows no negative impact on value due to the proximity to the solar farm. This is further supported by the national data that is shown on the following pages.

2. Matched Pair - Mulberry, Selmer, TN



This 16 MW solar farm was built in 2014 on 208.89 acres with the closest home being 480 feet.

This solar farm adjoins two subdivisions with Central Hills having a mix of existing and new construction homes. Lots in this development have been marketed for \$15,000 each with discounts offered for multiple lots being used for a single home site. I spoke with the agent with Rhonda Wheeler and Becky Hearnsberger with United County Farm & Home Realty who noted that they have seen no impact on lot or home sales due to the solar farm in this community.

I have included a map below as well as data on recent sales activity on lots that adjoin the solar farm or are near the solar farm in this subdivision both before and after the announced plan for this solar farm facility. I note that using the same method I used to breakdown the adjoining uses at the subject property I show that the predominant adjoining uses are residential and agricultural, which is consistent with the location of most solar farms.

Adjoining Use Breakdown

	Acreage	Parcels
Commercial	3.40%	0.034
Residential	12.84%	79.31%
Agri/Res	10.39%	3.45%
Agricultural	73.37%	13.79%
Total	100.00%	100.00%

I have run a number of direct matched comparisons on the sales adjoining this solar farm as shown below. These direct matched pairs include some of those shown above as well as additional more recent sales in this community. In each of these I have compared the one sale adjoining the solar farm to multiple similar homes nearby that do not adjoin a solar farm to look for any potential impact from the solar farm.

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
3	Adjoins	491 Dusty	6.86	10/28/2016	\$176,000	2009	1,801	\$97.72	3/2	2-Gar	Ranch	
	Not	820 Lake Trail	1.00	6/8/2018	\$168,000	2013	1,869	\$89.89	4/2	2-Gar	Ranch	
	Not	262 Country	1.00	1/17/2018	\$145,000	2000	1,860	\$77.96	3/2	2-Gar	Ranch	
	Not	35 April	1.15	8/16/2016	\$185,000	2016	1,980	\$93.43	3/2	2-Gar	Ranch	

			Adjoining Sales Adjusted								
Parcel	Solar	Address	Time	Site	YB	GLA	Park	Other	Total	% Diff	Distance
3	Adjoins	491 Dusty							\$176,000		480
	Not	820 Lake Trail	-\$8,324	\$12,000	-\$3,360	-\$4,890			\$163,426	7%	
	Not	262 Country	-\$5,450	\$12,000	\$6,525	-\$3,680			\$154,396	12%	
	Not	35 April	\$1,138	\$12,000	-\$6,475	-\$13,380			\$178,283	-1%	
									Average	6%	

The best matched pair is 35 April Loop, which required the least adjustment and indicates a -1% increase in value due to the solar farm adjacency.

Adjoining Residential Sales After Solar Farm Built

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
12	Adjoins	57 Cooper	1.20	2/26/2019	\$163,000	2011	1,586	\$102.77	3/2	2-Gar	1.5 Story	Pool
	Not	191 Amelia	1.00	8/3/2018	\$132,000	2005	1,534	\$86.05	3/2	Drive	Ranch	
	Not	75 April	0.85	3/17/2017	\$134,000	2012	1,588	\$84.38	3/2	2-Crprt	Ranch	
	Not	345 Woodland	1.15	12/29/2016	\$131,000	2002	1,410	\$92.91	3/2	1-Gar	Ranch	

Adjoining Sales Adjusted												
Parcel	Solar	Address	Sales Price	Time	Site	YB	GLA	Park	Other	Total	% Diff	Distance
12	Adjoins	57 Cooper	\$163,000							\$163,000		685
	Not	191 Amelia	\$132,000	\$2,303		\$3,960	\$2,685	\$10,000	\$5,000	\$155,947	4%	
	Not	75 April	\$134,000	\$8,029	\$4,000	-\$670	-\$135	\$5,000	\$5,000	\$155,224	5%	
	Not	345 Woodland	\$131,000	\$8,710		\$5,895	\$9,811		\$5,000	\$160,416	2%	
										Average	4%	

The best matched pair is 191 Amelia, which was most similar in time frame of sale and indicates a +4% increase in value due to the solar farm adjacency.

Adjoining Residential Sales After Solar Farm Built												
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA \$	/GBA	BR/BA	Park	Style	e Other
15	Adjoins	297 Count	ry 1.00	9/30/2016	\$150,000	2002	1,596 \$	93.98	3/2	4-Gar	Ranc	h
	Not	185 Dust	y 1.85	8/17/2015	\$126,040	2009	1,463 \$	86.15	3/2	2-Gar	Ranc	h
	Not	53 Glen	1.13	3/9/2017	\$126,000	1999	1,475 \$	85.42	3/2	2-Gar	Ranc	h Brick
				Adjoining S	ales Adjusted	1						
Parcel	Solar	Address	Sales Price	Time	Site YB	GLA	Park	Otl	ner Tota	a1 9	% Diff	Distance
15	Adjoins	297 Country	\$150,000						\$150,0	000		650
	Not	185 Dusty	\$126,040	\$4,355	-\$4,41	1 \$9,167	7 \$10,00	0	\$145,	150	3%	
	Not	53 Glen	\$126,000	-\$1,699	\$1,89	38,269	9 \$10,00	0	\$144,4	160	4%	
									Avera	ıoe	3%	

The best matched pair is 53 Glen, which was most similar in time frame of sale and required less adjustment. It indicates a +4% increase in value due to the solar farm adjacency.

The average indicated impact from these three sets of matched pairs is +4%, which suggests a mild positive relationship due to adjacency to the solar farm. The landscaping buffer for this project is mostly natural tree growth that was retained as part of the development but much of the trees separating the panels from homes are actually on the lots for the homes themselves. I therefore consider the landscaping buffer to be thin to moderate for these adjoining homes.

I have also looked at several lot sales in this subdivision as shown below.

These are all lots within the same community and the highest prices paid are for lots one parcel off from the existing solar farm. These prices are fairly inconsistent, though they do suggest about a \$3,000 loss in the lots adjoining the solar farm. This is an atypical finding and additional details suggest there is more going on in these sales than the data crunching shows. First of all Parcel 4 was purchased by the owner of the adjoining home and therefore an atypical buyer seeking to expand a lot and the site is not being purchased for home development. Moreover, using the SiteToDoBusiness demographic tools, I found that the 1-mile radius around this development is expecting a total population increase over the next 5 years of 3 people. This lack of growing demand for lots is largely explained in that context. Furthermore, the fact that finished home sales as shown above are showing no sign of a negative impact on property value makes this data unreliable and inconsistent with the data shown in sales to an end user. I therefore place little weight on this outlier data.

						4/18/2019		4/18/2019
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Adj for Time	\$/AC	Adj for Time
4	Adjoins	Shelter	2.05	10/25/2017	\$16,000	\$16,728	\$7,805	\$8,160
10	Adjoins	Carter	1.70	8/2/2018	\$14,000	\$14,306	\$8,235	\$8,415
11	Adjoins	Cooper	1.28	9/17/2018	\$12,000	\$12,215	\$9,375	\$9,543
	Not	75 Dusty	1.67	4/18/2019	\$20,000	\$20,000	\$11,976	\$11,976
	Not	Lake Trl	1.47	11/7/2018	\$13,000	\$13,177	\$8,844	\$8,964
	Not	Lake Trl	1.67	4/18/2019	\$20,000	\$20,000	\$11,976	\$11,976
		Adjoins	Per Acre	Not Adjoins	Per Acre	% DIF/Lot	% DIF/AC	
	Average	\$14,416	\$8,706	\$17,726	\$10,972	19%	21%	
	Median	\$14,306	\$8,415	\$20,000	\$11,976	28%	30%	
	High	\$16,728	\$9,543	\$20,000	\$11,976	16%	20%	
	Low	\$12,215	\$8,160	\$13,177	\$8,964	7%	9%	

3. Matched Pair - Grand Ridge Solar, Streator, IL



This solar farm has a 20 MW output and is located on a 160-acre tract. The project was built in 2012.

I have considered the recent sale of Parcel 13 shown above, which sold in October 2016 after the solar farm was built. I have compared that sale to a number of nearby residential sales not in proximity to the solar farm as shown below. Parcel 13 is 480 feet from the closest solar panel. The landscaping buffer is considered light.

Adjoining Residential Sales After Solar Farm Completed								
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	
13	34-21-237-000	2	Oct-16	\$186,000	1997	2,328	\$79.90	
Not Adjoining Resident	ial Sales After So	olar Farm C	ompleted					
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	
712 Columbus Rd	32-39-134-005	1.26	Jun-16	\$166,000	1950	2,100	\$79.05	
504 N 2782 Rd	18-13-115-000	2.68	Oct-12	\$154,000	1980	2,800	\$55.00	
7720 S Dwight Rd	11-09-300-004	1.14	Nov-16	\$191,000	1919	2,772	\$68.90	
701 N 2050th Rd	26-20-105-000	1.97	Aug-13	\$200,000	2000	2,200	\$90.91	
9955 E 1600th St	04-13-200-007	1.98	May-13	\$181,858	1991	2,600	\$69.95	

		Adjustments					
TAX ID	Date Sold	Time	Total	\$/Sf			
34-21-237-000	Oct-16		\$186,000	\$79.90			
32-39-134-005	Jun-16		\$166,000	\$79.05			
18-13-115-000	Oct-12	\$12,320	\$166,320	\$59.40			
11-09-300-004	Nov-16		\$191,000	\$68.90			
26-20-105-000	Aug-13	\$12,000	\$212,000	\$96.36			
04-13-200-007	May-13	\$10,911	\$192,769	\$74.14			

	Adjoins S	olar Farm	Not Adjoin Solar Farm			
	Average	Median	Average	Median		
Sales Price/SF	\$79.90	\$79.90	\$75.57	\$74.14		
GBA	2.328	2.328	2,494	2,600		

Based on the matched pairs I find no indication of negative impact due to proximity to the solar farm.

The most similar comparable is the home on Columbus that sold for \$79.05 per square foot. This is higher than the median rate for all of the comparables. Applying that price per square foot to the subject property square footage indicates a value of \$184,000.

There is minimal landscaping separating this solar farm from nearby properties and is therefore considered light.

4. Matched Pair - Portage Solar, Portage, IN



This solar farm has a 2 MW output and is located on a portion of a 56-acre tract. The project was built in 2012.

I have considered the recent sale of Parcels 5 and 12. Parcel 5 is an undeveloped tract, while Parcel 12 is a residential home. I have compared each to a set of comparable sales to determine if there was any impact due to the adjoining solar farm. This home is 1,320 feet from the closest solar panel. The landscaping buffer is considered light.

Adjoining Residential Sal	les After Solar Farm Compl	eted					
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA
12	64-06-19-326-007.000-015	1.00	Sep-13	\$149,800	1964	1,776	\$84.35
Nearby Residential Sales	After Solar Farm Completed	i					
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA
2501 Architect Dr	64-04-32-202-004.000-021	1.31	Nov-15	\$191,500	1959	2,064	\$92.78
336 E 1050 N	64-07-09-326-003.000-005	1.07	Jan-13	\$155,000	1980	1,908	\$81.24
2572 Pryor Rd	64-05-14-204-006.000-016	1.00	Jan-16	\$216,000	1960	2,348	\$91.99
Adjoining Land Sales Afte	er Solar Farm Completed						
#	TAX ID	Acres	Date Sold	Sales Price	\$/AC		
5	64-06-19-200-003.000-015	18.70	Feb-14	\$149,600	\$8,000		
Nearby Land Sales After S	Solar Farm Completed						
#	TAX ID	Acres	Date Sold	Sales Price	\$/AC		
	64-07-22-401-001.000-005	74.35	Jun-17	\$520,450	\$7,000		
	64-15-08-200-010.000-001	15.02	Jan-17	\$115,000	\$7,658		

Residential Sale Adjustment Chart

TAX ID	Date Sold	Time	Total	\$/Sf
64-06-19-326-007.000-015	Sep-13	\$8,988	\$158,788	\$89.41
64-04-32-202-004.000-021	Nov-15	\$3,830	\$195,330	\$94.64
64-07-09-326-003.000-005	Jan-13	\$9,300	\$164,300	\$86.11
64-05-14-204-006.000-016	Jan-16		\$216,000	\$91.99

2% adjustment/year Adjusted to 2017

	Adjoins Solar Fa	arm	Not	Not Adjoin Solar Farm				
	Average	Median		Average	Median			
Sales Price/SF	\$89.41	\$89.41		\$90.91	\$91.99			
GBA	1,776	1,776		2,107	2,064			

After adjusting the price per square foot is 2.88% less for the home adjoining the solar farm versus those not adjoining the solar farm. This is within the typical range of variation to be anticipated in any real estate transaction and indicates no impact on property value.

Applying the price per square foot for the 336 E 1050 N sale, which is the most similar to the Parcel 12 sale, the adjusted price at \$81.24 per square foot applied to the Parcel 12 square footage yields a value of \$144,282.

The landscaping separating this solar farm from the homes is considered light.

Land Sale Adjustment Chart

		Adjustments		
TAX ID	Date Sold	Time	Total	\$/Acre
64-06-19-200-003.000-015	Feb-14	\$8,976	\$158,576	\$8,480
64-07-22-401-001.000-005	Jun-17		\$520,450	\$7,000
64-15-08-200-010.000-001	Jan-17		\$115,000	\$7,658

2% adjustment/year Adjusted to 2017

	Adjoins Solar Fa	arm	Not Adjoin Solar F	arm
	Average	Median	Average	Median
Sales Price/Ac	\$8,480	\$8,480	\$7,329	\$7,329
Acres	18.70	18.70	44.68	44.68

After adjusting the price per acre is higher for the property adjoining the solar farm, but the average and median size considered is higher which suggests a slight discount. This set of matched pair supports no indication of negative impact due to the adjoining solar farm.

Alternatively, adjusting the 2017 sales back to 2014 I derive an indicated price per acre for the comparables at \$6,580 per acre to \$7,198 per acre, which I compare to the unadjusted subject property sale at \$8,000 per acre.

5. Matched Pair - Dominion Indy III, Indianapolis, IN



This solar farm has an 8.6 MW output and is located on a portion of a 134-acre tract. The project was built in 2013.

There are a number of homes on small lots located along the northern boundary and I have considered several sales of these homes. I have compared those homes to a set of nearby not adjoining home sales as shown below. The adjoining homes that sold range from 380 to 420 feet from the nearest solar panel, with an average of 400 feet. The landscaping buffer is considered light.

Adjoining Residential	Sales After So	lar Farm Cor	npleted				
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA
2	2013249	0.38	12/9/2015	\$140,000	2006	2,412	\$58.04
4	2013251	0.23	9/6/2017	\$160,000	2006	2,412	\$66.33
5	2013252	0.23	5/10/2017	\$147,000	2009	2,028	\$72.49
11	2013258	0.23	12/9/2015	\$131,750	2011	2,190	\$60.16
13	2013260	0.23	3/4/2015	\$127,000	2005	2,080	\$61.06
14	2013261	0.23	2/3/2014	\$120,000	2010	2,136	\$56.18
Nearby Not Adjoining I	Residential Sa	les After Sola	ar Farm Comp	leted			
#	TAX ID	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA
5836 Sable Dr	2013277	0.14	Jun-16	\$141,000	2005	2,280	\$61.84
5928 Mosaic Pl	2013845	0.17	Sep-15	\$145,000	2007	2,280	\$63.60
5904 Minden Dr	2012912	0.16	May-16	\$130,000	2004	2,252	\$57.73
5910 Mosaic Pl	2000178	0.15	Aug-16	\$146,000	2009	2,360	\$61.86
5723 Minden Dr	2012866	0.26	Nov-16	\$139,900	2005	2,492	\$56.14

				Adjus	tments	
TAX ID	Date Sold		Time	T	otal	\$/Sf
2013249	12/9/2015		\$5,600	<u> </u>	45,600	\$60.36
2013251	9/6/2017			\$16	50,000	\$66.33
2013252	5/10/2017			\$14	17,000	\$72.49
2013258	12/9/2015		\$5,270	\$13	37,020	\$62.57
2013260	3/4/2015		\$5,080	\$13	32,080	\$63.50
2013261	2/3/2014		\$7,200	\$12	27,200	\$59.55
2013277	6/1/2016		\$2,820	\$14	13,820	\$63.08
2013845	9/1/2015	7	\$5,800	\$15	50,800	\$66.14
2012912	5/1/2016		\$2,600	\$13	32,600	\$58.88
2000178	8/1/2016		\$2,920	\$14	18,920	\$63.10
2012866	11/1/2016		\$2,798	\$14	12,698	\$57.26

2% adjustment/year Adjusted to 2017

	Adjoins S	olar Farm	Not Adjoin Sc	lar Farm
	Average	Median	Average	Median
Sales Price/SF	\$64.13	\$63.03	\$61.69	\$63.08
GRA	2.210	2.163	2.333	2.280

This set of homes provides very strong indication of no impact due to the adjacency to the solar farm and includes a large selection of homes both adjoining and not adjoining in the analysis.

The landscaping screen is considered light in relation to the homes considered above.

6. Matched Pair - Clarke County Solar, Clarke County, VA



This project is a 20 MW facility located on a 234-acre tract that was built in 2017.

I have considered a recent sale or Parcel 3. The home on this parcel is 1,230 feet from the closest panel as measured in the second map from Google Earth, which shows the solar farm under construction.

I've compared this home sale to a number of similar rural homes on similar parcels as shown below. I have used multiple sales that bracket the subject property in terms of sale date, year built, gross living area, bedrooms and bathrooms. Bracketing the parameters insures that all factors are well balanced out in the adjustments. The trend for these sales shows a positive value for the adjacency to the solar farm.

\$180,000

6/7/2018

1.00

Not

400 Sugar Hill

Adjoining Residential Sales After Solar Farm Approved											
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	833 Nations Spr	5.13	1/9/2017	\$295,000	1979	1,392	\$211.93	3/2	Det Gar	Ranch	Unfin bsmt
Not	85 Ashby	5.09	9/11/2017	\$315,000	1982	2,333	\$135.02	3/2	2 Gar	Ranch	
Not	541 Old Kitchen	5.07	9/9/2018	\$370,000	1986	3,157	\$117.20	4/4	2 Gar	2 story	
Not	4174 Rockland	5.06	1/2/2017	\$300,000	1990	1.688	\$177.73	3/2	3 Gar	2 story	

1975

1,008

\$178.57

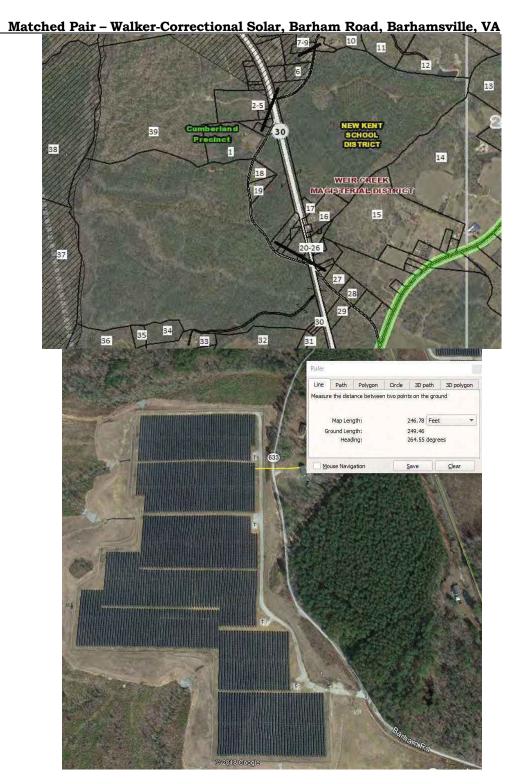
3/1

Drive

Ranch

Adjoining	Residential Sales A	ed	Adjoining	Sales Ad	justed								
Solar	Address	Acres	Date Sold	Sales Price	Time	Acres	YB	GLA	BR/BA	Park	Other	Total	% Diff
Adjoins	833 Nations Spr	5.13	1/9/2017	\$295,000								\$295,000	
Not	85 Ashby	5.09	9/11/2017	\$315,000	-\$6,300		-\$6,615	-\$38,116		-\$7,000	\$15,000	\$271,969	8%
Not	541 Old Kitchen	5.07	9/9/2018	\$370,000	-\$18,500		-\$18,130	-\$62,057		-\$7,000	\$15,000	\$279,313	5%
Not	4174 Rockland	5.06	1/2/2017	\$300,000			-\$23,100	-\$15,782		-\$12,000	\$15,000	\$264,118	10%
Not	400 Sugar Hill	1.00	6/7/2018	\$180,000	-\$9,000	\$43,000	\$5,040	\$20,571	\$10,000	\$3,000	\$15,000	\$267,611	9%
												Average	8%

The landscaping screen is primarily a newly planted buffer with a row of existing trees being maintained near the northern boundary and considered light.



This project was built in 2017 and located on 484.65 acres for a 20 MW with the closest home at 110 feet from the closest solar panel with an average distance of 500 feet.

I considered the recent sale identified on the map above as Parcel 19, which is directly across the street and based on the map shown on the following page is 250 feet from the closest panel. A limited buffering remains along the road with natural growth being encouraged, but currently the panels are visible from the road. Alex Uminski, SRA with MGMiller Valuations in Richmond VA

confirmed this sale with the buying and selling broker. The selling broker indicated that the solar farm was not a negative influence on this sale and in fact the buyer noticed the solar farm and then discovered the listing. The privacy being afforded by the solar farm was considered a benefit by the buyer. I used a matched pair analysis with a similar sale nearby as shown below and found no negative impact on the sales price. Property actually closed for more than the asking price. The landscaping buffer is considered light.

Adjoining Residential Sales After Solar Farm Approved

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	5241 Barham	2.65	10/18/2018	\$264,000	2007	1,660	\$159.04	3/2	Drive	Ranch	Modular
Not	17950 New Kent	5.00	9/5/2018	\$290,000	1987	1,756	\$165.15	3/2.5	3 Gar	Ranch	
Not	9252 Ordinary	4.00	6/13/2019	\$277,000	2001	1,610	\$172.05	3/2	1.5-Gar	Ranch	
Not	2416 W Miller	1.04	9/24/2018	\$299,000	1999	1,864	\$160.41	3/2.5	Gar	Ranch	

Adjoining Sales Adjusted

Solar	Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist
Adjoins	5241 Barham								\$264,000		250
Not	17950 New Kent		-\$8,000	\$29,000	-\$4,756	-\$5,000	-\$20,000	-\$15,000	\$266,244	-1%	
Not	9252 Ordinary	-\$8,310	-\$8,000	\$8,310	\$2,581		-\$10,000	-\$15,000	\$246,581	7%	
Not	2416 W Miller		\$8,000	\$11,960	-\$9,817	-\$5,000	-\$10,000	-\$15,000	\$279,143	-6%	

Average Diff 0%

I also spoke with Patrick W. McCrerey of Virginia Estates who was marketing a property that sold at 5300 Barham Road adjoining the Walker-Correctional Solar Farm. He indicated that this property was unique with a home built in 1882 and heavily renovated and updated on 16.02 acres. The solar farm was through the woods and couldn't be seen by this property and it had no impact on marketing this property. This home sold on April 26, 2017 for \$358,000. I did not set up any matched pairs for this property as it was such a unique property that any such comparison would be difficult to rely on. The broker's comments do support the assertion that the adjoining solar farm had no impact on value. The home in this case was 510 feet from the closest panel.

8. Matched Pair - Sappony Solar, Sussex County, VA

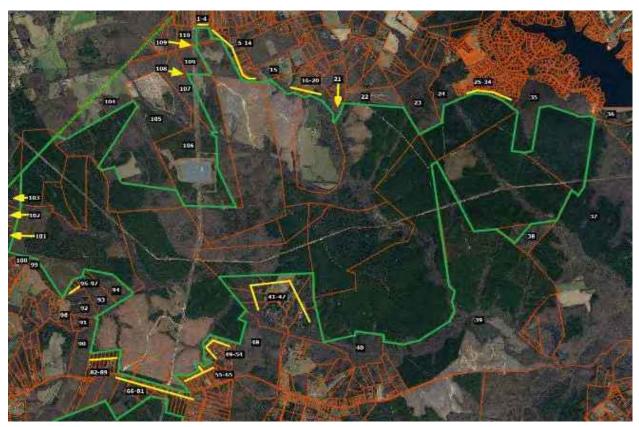


This project is a 30 MW facility located on a 322.68-acre tract that was built in the fourth quarter of 2017.

I have considered the 2018 sale of Parcel 17 as shown below. From Parcel 17 the retained trees and setbacks are a light to medium landscaped buffer.

Adjoin	Adjoining Residential Sales After Solar Farm Approved												
Parcel	Solar	Ad	dress	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
	Adjoins	12511	Palestine	6.00	7/31/2018	\$128,400	2013	1,900	\$67.58	4/2.5	Open	Manuf	•
	Not	15698	Concord	3.92	7/31/2018	\$150,000	2010	2,310	\$64.94	4/2	Open	Manuf	Fence
	Not	23209	9 Sussex	1.03	7/7/2020	\$95,000	2005	1,675	\$56.72	3/2	Det Crpt	Manuf	•
	Not	6494	Rocky Br	4.07	11/8/2018	\$100,000	2004	1,405	\$71.17	3/2	Open	Manuf	•
Adjoi	ning Sa	les Ad	justed								Av	g	
Tin	ie i	Site	YB	GLA	BR/BA	A Park	Othe	r 1	l'otal	% Diff	f % D	iff I	Distance
								\$1	28,400				1425
\$0)		\$2,250	-\$21,29	99 \$5,000)		\$1	35,951	-6%			
-\$5,6	560 \$1	3,000	\$3,800	\$10,20	9 \$5,000	\$1,500		\$1	22,849	4%			
-\$84	13		\$4,500	\$28,18	35			\$1	31,842	-3%			
											-19	%	

9. Matched Pair - Spotsylvania Solar, Paytes, VA





This solar farm is being built in four phases with the area known as Site C having completed construction in November 2020 after the entire project was approved in April 2019. Site C, also known as Pleinmont 1 Solar, includes 99.6 MW located in the southeast corner of the project and shown on the maps above with adjoining parcels 111 through 144. The entire Spotsylvania project totals 617 MW on 3500 acres out of a parent tract assemblage of 6,412 acres.

I have identified three adjoining home sales that occurred during construction and development of the site in 2020.

The first is located on the north side of Site A on Orange Plank Road. The second is located on Nottoway Lane just north of Caparthin Road on the south side of Site A and east of Site C. The third is located on Post Oak Road for a home that backs up to Site C that sold in September 2020 near the completion of construction for Site C.

Spotsylvania Solar Farm

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	12901 Orng Plnk	5.20	8/27/2020	\$319,900	1984	1,714	\$186.64	3/2	Drive	1.5	Un Bsmt
Not	8353 Gold Dale	3.00	1/27/2021	\$415,000	2004	2,064	\$201.07	3/2	3 Gar	Ranch	
Not	6488 Southfork	7.26	9/9/2020	\$375,000	2017	1,680	\$223.21	3/2	2 Gar	1.5	Barn/Patio
Not	12717 Flintlock	0.47	12/2/2020	\$290,000	1990	1,592	\$182.16	3/2.5	Det Gar	Ranch	

Adjoining Sales Adjusted												
Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist		
12901 Orng Plnk								\$319,900		1270		
8353 Gold Dale	-\$5,219	\$20,000	-\$41,500	-\$56,298		-\$20,000		\$311,983	2%			
6488 Southfork	-\$401	-\$20,000	-\$61,875	\$6,071		-\$15,000		\$283,796	11%			
12717 Flintlock	-\$2,312	\$40,000	-\$8,700	\$17,779	-\$5,000	-\$5,000		\$326,767	-2%			

I contacted Keith Snider to confirm this sale. This is considered to have a medium landscaping screen.

Average Diff

Average Diff

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	9641 Nottoway	11.00	5/12/2020	\$449,900	2004	3,186	\$141.21	4/2.5	Garage	2-Story	Un Bsmt
Not	26123 Lafayette	1.00	8/3/2020	\$390,000	2006	3,142	\$124.12	3/3.5	Gar/DtG	2-Story	
Not	11626 Forest	5.00	8/10/2020	\$489,900	2017	3,350	\$146.24	4/3.5	2 Gar	2-Story	
Not	10304 Pny Brnch	6.00	7/27/2020	\$485,000	1998	3,076	\$157.67	4/4	2Gar/Dt2	Ranch	Fn Bsmt

F	Adjoining Sales A	djusted									
	Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist
	9641 Nottoway								\$449,900		1950
	26123 Lafayette	-\$2,661	\$45,000	-\$3,900	\$4,369	-\$10,000	-\$5,000		\$417,809	7%	
	11626 Forest	-\$3,624		-\$31,844	-\$19,187		-\$5,000		\$430,246	4%	
-	10304 Pny Brnch	-\$3,030		\$14,550	\$13,875	-\$15,000	-\$15,000	-\$10,000	\$470,396	-5%	

I contacted Annette Roberts with ReMax about this transaction. This is considered to have a medium landscaping screen.

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	13353 Post Oak	5.20	9/21/2020	\$300,000	1992	2,400	\$125.00	4/3	Drive	2-Story	Fn Bsmt
Not	9609 Logan Hgt	5.86	7/4/2019	\$330,000	2004	2,352	\$140.31	3/2	2Gar	2-Story	
Not	12810 Catharpian	6.18	1/30/2020	\$280,000	2008	2,240	\$125.00	4/2.5	Drive	2-Story B	smt/Nd Pnt
Not	10725 Rbrt Lee	5.01	10/26/2020	\$295,000	1995	2,166	\$136.20	4/3	Gar	2-Story	Fn Bsmt

Adjoining Sales Adjusted

	.,										
Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist	
13353 Post Oak								\$300,000		1171	
9609 Logan Hgt	\$12,070		-\$19,800	\$5,388		-\$15,000	\$15,000	\$327,658	-9%		
12810 Catharpian	\$5,408		-\$22,400	\$16,000	\$5,000		\$15,000	\$299,008	0%		
10725 Rbrt Lee	-\$849		-\$4,425	\$25,496		-\$10,000		\$305,222	-2%		

Average Diff -4%

I contacted Joy Pearson with CTI Real Estate about this transaction. This is considered to have a heavy landscaping screen.

All three of these homes are well set back from the solar panels at distances over 1,000 feet and are well screened from the project. All three show no indication of any impact on property value.

Conclusion

The solar farm matched pairs shown above have similar characteristics to each other in terms of population, but with several outliers showing solar farms in far more urban areas. The median income for the population within 1 mile of a solar farm among this subset of matched pairs is \$65,695 with a median housing unit value of \$186,463. Most of the comparables are under \$300,000 in the home price, with \$483,333 being the high end of the set, though I have matched pairs in other states over \$1,000,000 in price adjoining large solar farms. The predominate adjoining uses are residential and agricultural. These figures are in line with the larger set of solar farms that I have looked at with the predominant adjoining uses being residential and agricultural and similar to the solar farm breakdown shown for Kentucky and adjoining states as well as the proposed subject property.

Based on the similarity of adjoining uses and demographic data between these sites and the subject property, I consider it reasonable to compare these sites to the subject property.

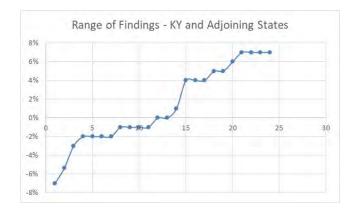
Mat	Matched Pair Summary					Adj. Uses By Acreage				1 mile Radius (2010-2020 Data)				
						Торо						Med.	Avg. Housing	
	Name	City	State	Acres	$\mathbf{M}\mathbf{W}$	Shift	Res	Ag	Ag/Res	Com/Ind	Popl.	Income	Unit	Veg. Buffer
1	Crittenden	Crittenden	KY	34	2.70	40	22%	51%	27%	0%	1,419	\$60,198	\$178,643	Light
2	Mulberry	Selmer	TN	160	5.00	60	13%	73%	10%	3%	467	\$40,936	\$171,746	Lt to Med
3	Grand Ridge	Streator	IL	160	20.00	1	8%	87%	5%	0%	96	\$70,158	\$187,037	Light
4	Portage	Portage	IN	56	2.00	0	19%	81%	0%	0%	6,642	\$65,695	\$186,463	Light
5	Dominion	Indianapolis	IN	134	8.60	20	3%	97%	0%	0%	3,774	\$61,115	\$167,515	Light
6	Walker	Barhamsville	VA	485	20.00	N/A	12%	68%	20%	0%	203	\$80,773	\$320,076	Light
7	Clarke Cnty	White Post	VA	234	20.00	70	14%	39%	46%	1%	578	\$81,022	\$374,453	Light
8	Sappony	Stony Crk	VA	322	20.00	N/A	2%	98%	0%	0%	74	\$51,410	\$155,208	Medium
9	Spotyslvania	Paytes	VA	3,500	617.00	160	37%	52%	11%	0%	74	\$120,861	\$483,333	Med to Hvy
	Average			565	79.48	50	14%	72%	13%	0%	1,481	\$70,241	\$247,164	
	Median			160	20.00	40	13%	73%	10%	0%	467	\$65,695	\$186,463	
	High			3,500	617.00	160	37%	98%	46%	3%	6,642	\$120,861	\$483,333	
	Low			34	2.00	0	2%	39%	0%	0%	74	\$40,936	\$155,208	

Proposed Solar Farm at a 1-mile radius has 110 people with an average income of \$59,840 and an average home price of \$230,000.

Proposed Solar Farm at a 3-mile radius has 1,088 people with an average income of \$54,492 and an average home price of \$230,345.

These are very similar to the demographics shown around these comparable solar farms.

On the following page is a summary of the matched pairs for all of the solar farms noted above. They show a pattern of results from -7% to +7%. As can be seen in the chart of those results below, most of the data points are between -2% and +5%. This variability is common with real estate and consistent with market "static." I therefore conclude that these results strongly support an indication of no impact on property value due to the adjacent solar farm.



Residential Dwelling Matched Pairs Adjoining Solar Farms

Residential Dwelling Matched Pairs Adjoining Solar Farms												
Pair Solar Farm	City	State	мw	Approx	Tax ID/Address	Date	Sale Price	Adj. Sale	9/ D: FF	Veg. Buffer		
1 Crittenden	Crittenden	KY	2.7	373	250 Claiborne	Jan-19	\$120,000	File	/0 D III	Light		
1 Critteriden	Critteriaen	KI	2.7	3/3				¢120.000	10/	Ligit		
2 Crittondon	Crittondon	I/V	2.7	400	315 N Fork	May-19	\$107,000	\$120,889	-1%	Limbs		
2 Crittenden	Crittenden	KY	2.7	488	300 Claiborne	Sep-18	\$213,000	6330.400	70/	Light		
				=	1795 Bay Valley	Dec-17	\$231,200		-7%			
3 Crittenden	Crittenden	KY	2.7	720	350 Claiborne	Jul-18	\$245,000			Light		
					2160 Sherman	Jun-19	\$265,000	\$248,225	-1%			
4 Crittenden	Crittenden	KY	2.7	930	370 Claiborne	Aug-19	\$273,000			Light		
					125 Lexington	Apr-18	\$240,000	\$254,751	7%			
5 Mulberry	Selmer	TN	5	400	0900A011	Jul-14	\$130,000			Light		
					099CA043	Feb-15	\$148,900	\$136,988	-5%			
6 Mulberry	Selmer	TN	5	400	099CA002	Jul-15	\$130,000	****		Light		
			_		0990NA040	Mar-15	\$120,000	\$121,200	7%			
7 Mulberry	Selmer	TN	5	480	491 Dusty	Oct-16	\$176,000	#170 000	10/	Light		
					35 April	Aug-16	\$185,000	\$178,283	-1%			
8 Mulberry	Selmer	TN	5	650	297 Country	Sep-16	\$150,000			Medium		
					53 Glen	Mar-17	\$126,000	\$144,460	4%			
9 Mulberry	Selmer	TN	5	685	57 Cooper	Feb-19	\$163,000	*		Medium		
	_				191 Amelia	Aug-18	\$132,000	\$155,947	4%			
10 Grand Ridge	Streator	IL	20	480	1497 E 21st	Oct-16	\$186,000			Light		
					712 Columbus	Jun-16	\$166,000	\$184,000	1%			
11 Dominion	Indianapolis	IN	8.6	400	2013249 (Tax ID)	Dec-15	\$140,000			Light		
					5723 Minden	Nov-16	\$139,900	\$132,700	5%			
12 Dominion	Indianapolis	IN	8.6	400	2013251 (Tax ID)	Sep-17	\$160,000			Light		
					5910 Mosaic	Aug-16	\$146,000	\$152,190	5%			
13 Dominion	Indianapolis	IN	8.6	400	2013252 (Tax ID)	May-17	\$147,000			Light		
					5836 Sable	Jun-16	\$141,000	\$136,165	7%			
14 Dominion	Indianapolis	IN	8.6	400	2013258 (Tax ID)	Dec-15	\$131,750			Light		
					5904 Minden	May-16	\$130,000	\$134,068	-2%			
15 Dominion	Indianapolis	IN	8.6	400	2013260 (Tax ID)	Mar-15	\$127,000	****		Light		
					5904 Minden	May-16	\$130,000	\$128,957	-2%			
16 Dominion	Indianapolis	IN	8.6	400	2013261 (Tax ID)	Feb-14	\$120,000	****		Light		
17.01 1 0	****		20	1000	5904 Minden	May-16	\$130,000	\$121,930	-2%			
17 Clarke Cnty	White Post	VA	20	1230	833 Nations Spr	Jan-17	\$295,000	****		Light		
10 *** **	5 1 111		20	250	6801 Middle	Dec-17	\$249,999	\$296,157	0%			
18 Walker	Barhamsville	VA	20	250	5241 Barham	Oct-18	\$264,000	****		Light		
					9252 Ordinary	Jun-19	\$277,000	\$246,581	7%			
19 Clarke Cnty	White Post	VA	20	1230	833 Nations Spr	Aug-19	\$385,000			Light		
22.2	a. a 1		20		2393 Old Chapel	Aug-20	\$330,000	\$389,286	-1%			
20 Sappony	Stony Creek	VA	20	1425	12511 Palestine	Jul-18	\$128,400	4101010	201	Medium		
010 . 1	.			1070	6494 Rocky Branch	Nov-18	\$100,000	\$131,842	-3%			
21 Spotsylvania	Paytes	VA	617	1270	12901 Orange Plnk	Aug-20	\$319,900	4006 767	201	Medium		
22.2 . 1 .	D	7.7.4	617	1050	12717 Flintlock	Dec-20	\$290,000	\$326,767	-2%	3.6 11		
22 Spotsylvania	Paytes	VA	617	1950	9641 Nottoway	May-20	\$449,900	\$420.045	407	Medium		
02.0 1	Desertes	374	617	1171	11626 Forest	Aug-20	\$489,900	\$430,246	4%	TT		
23 Spotsylvania	Paytes	VA	617	1171	13353 Post Oak	Sep-20	\$300,000	\$000 000		Heavy		
					12810 Catharpin	Jan-20	\$280,000	\$299,008	0%			

	Avg.
$\mathbf{M}\mathbf{W}$	Distance
106.72	738
8.60	480
617.00	1,950
5.00	250

	Indicated
	Impact
Average	1%
Median	0%
High	7%
Low	-5%

I have further broken down these results based on the MWs, Landscaping, and distance from panel to show the following range of findings for these different categories.

This breakdown shows no homes between 100-200 homes. Solar farms up to 75 MW show homes between 201 and 500 feet with no impact on value. Most of the findings are for homes between 201 and 500 feet.

Light landscaping screens are showing no impact on value at any distances, though solar farms over 75.1 MW only show Medium and Heavy landscaping screens in the 3 examples identified. Light landscaping is 20-foot wide or less landscaping and is often a planted mix by the solar farm developer. Medium landscaping is 20 to 100 feet of landscaped buffer and is generally a retained existing wooded area. Heavy landscaping is over 100 feet of wooded buffer.

MW Range 4.4 to 10									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	11	2	0	0	2	0	0	0
Average	N/A	1%	N/A	N/A	N/A	4%	N/A	N/A	N/A
Median	N/A	-1%	N/A	N/A	N/A	4%	N/A	N/A	N/A
High	N/A	7%	N/A	N/A	N/A	4%	N/A	N/A	N/A
Low	N/A	-5%	N/A	N/A	N/A	4%	N/A	N/A	N/A
10.1 to 30									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	2	2	0	0	1	0	0	0
Average	N/A	4%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
Median	N/A	4%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
High	N/A	7%	0%	N/A	N/A	-3%	N/A	N/A	N/A
Low	N/A	1%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
30.1 to 75									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	0	0	0	0	0	0	0	0
Average	N/A	1%	0%	N/A	N/A	0%	N/A	N/A	N/A
Median	N/A	1%	0%	N/A	N/A	0%	N/A	N/A	N/A
High	N/A	2%	2%	N/A	N/A	9%	N/A	N/A	N/A
Low	N/A	1%	-2%	N/A	N/A	-7%	N/A	N/A	N/A
75.1+									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	0	0	0	0	2	0	0	1
Average	N/A	N/A	N/A	N/A	N/A	1%	N/A	N/A	0%
Median	N/A	N/A	N/A	N/A	N/A	1%	N/A	N/A	0%
High	N/A	N/A	N/A	N/A	N/A	4%	N/A	N/A	0%
Low	N/A	N/A	N/A	N/A	N/A	-2%	N/A	N/A	0%

B. Southeastern USA Data - Over 5 MW

1. Matched Pair - AM Best Solar Farm, Goldsboro, NC

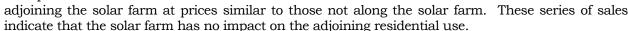
This 5 MW solar farm adjoins Spring Garden Subdivision which had new homes and lots available for new construction during the approval and construction of the solar farm. The recent home sales have ranged from \$200,000 to \$250,000. This subdivision sold out the last homes in late 2014.

The solar farm is clearly visible particularly along the north end of this street where there is only a thin line of trees separating the solar farm from the single-family homes.

Homes backing up to the solar farm are selling at the same price for the same floor plan as the homes that do not back up to the solar farm in this subdivision. According to the builder, the solar farm has been a complete non-factor. Not only do the sales show no difference in the price paid for the various homes adjoining the solar farm versus not adjoining the solar farm, but there are actually more recent sales along the solar farm than not. There is no impact on the sellout rate, or time to sell for the homes adjoining the solar farm.

I spoke with a number of owners who adjoin the solar farm and none of them expressed any concern over the solar farm impacting their property value.

The data presented on the following page shows multiple homes that have sold in 2013 and 2014



The homes that were marketed at Spring Garden are shown below.



The homes adjoining the solar farm are considered to have a light landscaping screen as it is a narrow row of existing pine trees supplemented with evergreen plantings.



Matched Pairs

Matched Pairs								
As of Date:	9/3/20	14						
Adjoining Sales	After Solar F	arm Comple	ted					
TAX ID	Owner	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	Style
3600195570	Helm	0.76	Sep-13	\$250,000	2013	3,292	\$75.94	2 Story
3600195361	Leak	1.49	Sep-13	\$260,000	2013	3,652	\$71.19	2 Story
3600199891	McBrayer	2.24	Jul-14	\$250,000	2014	3,292	\$75.94	2 Story
3600198632	Foresman	1.13	Aug-14	\$253,000	2014	3,400	\$74.41	2 Story
3600196656	Hinson	0.75	Dec-13	\$255,000	2013	3,453	\$73.85	2 Story
	Average	1.27		\$253,600	2013.4	3,418	\$74.27	
	Median	1.13		\$253,000	2013	3,400	\$74.41	
A 11: 1:: 1:: :: : : : : : : : : : : : :	46' C-1 T							
Adjoining Sales TAX ID	Owner		Date Sold	Sales Price	Built	GBA	¢/CDA	C41 a
0	Feddersen	Acres 1.56	Feb-13	\$247,000	2012	3,427	\$/GBA \$72.07	Ranch
0	Gentry	1.42	Apr-13	\$245,000	2012	3,400		2 Story
O	dentify	1.72	Apr-15	φ2+3,000	2013	3,400	Ψ12.00	2 Story
	Average	1.49		\$246,000	2012.5	3,414	\$72.07	
	Median	1.49		\$246,000	2012.5	3,414	\$72.07	
	Wedian	1.15		\$210,000	2012.0	0,111	φ.2.01	
Adjoining Sales	Before Solar	Farm Annou	ınced					
TAX ID	Owner	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	Style
3600183905	Carter	1.57	Dec-12	\$240,000	2012	3,347	\$71.71	1.5 Story
3600193097	Kelly	1.61	Sep-12	\$198,000	2012	2,532		2 Story
3600194189	Hadwan	1.55	Nov-12	\$240,000	2012	3,433	\$69.91	1.5 Story
	Average	1.59		\$219,000	2012	2,940	\$74.95	
	Median	1.59		\$219,000	2012	2,940	\$74.95	
Nearby Sales Aft	on Solon Form	Completed						
TAX ID	Owner	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	Style
3600193710		1.12	Oct-13	\$248,000	2013	3,400		2 Story
3601105180	Nackley	0.95	Dec-13	\$253,000	2013	3,400	\$74.41	2 Story
3600192528	Mattheis	1.12	Oct-13	\$238,000	2013	3,194		2 Story
3600198928		0.93	Mar-14	\$250,000	2014	3,292		2 Story
3600196965		0.81	Jun-14	\$224,000	2014	2,434	\$92.03	2 Story
3600193914	U	0.67	Jun-14	\$242,000	2014	2,825		2 Story
3600194813		0.91	Apr-14	\$258,000	2014	3,511		2 Story
3601104147	Shaffer	0.73	Apr-14	\$255,000	2014	3,453	\$73.85	2 Story
	Average	0.91		\$246,000	2013.625	3,189	\$77.85	
	Median	0.92		\$249,000	2014	3,346	\$74.46	
Nearby Sales Bef								
TAX ID	Owner	Acres	Date Sold	Sales Price	Built	GBA		•
3600191437	Thomas	1.12	Sep-12	\$225,000	2012	3,276		2 Story
3600087968	Lilley	1.15	Jan-13	\$238,000	2012	3,421		1.5 Story
3600087654	Burke	1.26	Sep-12	\$240,000	2012	3,543		2 Story
3600088796	Hobbs	0.73	Sep-12	\$228,000	2012	3,254	\$70.07	2 Story

Average 1.07 Median 1.14

\$232,750

\$233,000

3,374 \$69.01

3,349 \$69.13

2012

2012

Matched Pair Summary

	Adjoins Solaı	r Farm	Nearby Solar Farm				
	Average	Median	Average	Median			
Sales Price	\$253,600	\$253,000	\$246,000	\$249,000			
Year Built	2013	2013	2014	2014			
Size	3,418	3,400	3,189	3,346			
Price/SF	\$74.27	\$74.41	\$77.85	\$74.46			

Percentage Differences

Median Price	-2%
Median Size	-2%
Median Price/SF	0%

I note that 2308 Granville Drive sold again in November 2015 for \$267,500, or \$7,500 more than when it was purchased new from the builder two years earlier (Tax ID 3600195361, Owner: Leak). The neighborhood is clearly showing appreciation for homes adjoining the solar farm.

The Median Price is the best indicator to follow in any analysis as it avoids outlying samples that would otherwise skew the results. The median sizes and median prices are all consistent throughout the sales both before and after the solar farm whether you look at sites adjoining or nearby to the solar farm. The average size for the homes nearby the solar farm shows a smaller building size and a higher price per square foot. This reflects a common occurrence in real estate where the price per square foot goes up as the size goes down. So even comparing averages the indication is for no impact, but I rely on the median rates as the most reliable indication for any such analysis.

I have also considered four more recent resales of homes in this community as shown on the following page. These comparable sales adjoin the solar farm at distances ranging from 315 to 400 feet. The matched pairs show a range from -9% to +6%. The range of the average difference is -2% to +1% with an average of 0% and a median of +0.5%. These comparable sales support a finding of no impact on property value.

Parcel	_	Address	Acres	rm Approve	Sales Price	Built	GBA	\$/GRA	BR/BA	Park	Style	Other	Distance
raicei	Adjoins	103 Granville Pl	1.42	7/27/2018	\$265,000	2013	3,292	\$80.50	4/3.5	2-Car	2-Story	Other	385
	Not	2219 Granville	1.15	1/8/2018	\$260,000	2013	3,292	\$78.98	4/3.5	2-Car	2-Story		303
	Not	634 Friendly	0.96	7/31/2019	\$267,000	2012	3,053	\$87.45	4/4.5	2-Car	2-Story		
	Not	2403 Granville	0.69	4/23/2019	\$265,000	2014	2,816	\$94.11	5/3.5	2-Car	2-Story		
	NOU	2+05 Granvinc	0.09	4/25/2019	Ψ205,000	2017	2,010	ψ54.11	3/3.3	2-Cai	2-5t01y	A == #	
	Solar	A d d	Ti	Cito	VD	CIA	DD/DA	Doul-	Other	T-4-1	0/ D:66	Avg % Diff	
	Adjoins	Address 103 Granville Pl	Time	Site	YB	GLA	BR/BA	Park	Other	Total \$265,000	% Diff	-2%	
	Not	2219 Granville	\$4,382		\$1,300	\$0				\$265,682	0%	-2/0	
	Not	634 Friendly	-\$8,303		-\$6,675		-\$10,000			\$258,744	2%		
	Not	2403 Granville	-\$6,029		-\$0,073	\$31,356	-φ10,000			\$289,001	-9%		
	NOU	2403 Granvine	-ψ0,029		-φ1,525	φ31,330				Ψ209,001	-970		
				_	_								
-	_	ential Sales Afte											
Parcel	Solar	Address	Acres		Sales Price	Built	GBA		BR/BA		Style	Other	Distance
	Adjoins	104 Erin	2.24	6/19/2017	\$280,000	2014	3,549	\$78.90	5/3.5	2-Car	2-Story		315
	Not	2219 Granville	1.15	1/8/2018	\$260,000	2012	3,292	\$78.98	4/3.5	2-Car	2-Story		
	Not	634 Friendly	0.96	7/31/2019	\$267,000	2018	3,053	\$87.45	4/4.5	2-Car	2-Story		
	Not	2403 Granville	0.69	4/23/2019	\$265,000	2014	2,816	\$94.11	5/3.5	2-Car	2-Story		
												Avg	
	Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	
	Adjoins	104 Erin								\$280,000		0%	
	Not	2219 Granville	-\$4,448		\$2,600	\$16,238				\$274,390	2%		
	Not	634 Friendly	-\$17,370		-\$5,340	\$34,702	-\$10,000			\$268,992	4%		
	Not	2403 Granville	-\$15,029		\$0	\$48,285				\$298,256	-7%		
•	•	ential Sales Afte											
Parcel	Solar	Address	Acres		Sales Price	Built	GBA		BR/BA	Park	Style	Other	Distance 400
	Adjoins	2312 Granville	0.75	5/1/2018									
	DT /		1 15		\$284,900	2013	3,453	\$82.51	5/3.5	2-Car	2-Story		100
	Not	2219 Granville	1.15	1/8/2018	\$260,000	2012	3,292	\$78.98	4/3.5	2-Car	2-Story		100
	Not	2219 Granville 634 Friendly	0.96	1/8/2018 7/31/2019	\$260,000 \$267,000	2012 2018	3,292 3,053	\$78.98 \$87.45	4/3.5 4/4.5	2-Car 2-Car	2-Story 2-Story		100
		2219 Granville		1/8/2018	\$260,000	2012	3,292	\$78.98	4/3.5	2-Car	2-Story		100
	Not Not	2219 Granville 634 Friendly 2403 Granville	0.96 0.69	1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000	2012 2018 2014	3,292 3,053 2,816	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car	2-Story 2-Story 2-Story	Avg	100
	Not Not Solar	2219 Granville 634 Friendly 2403 Granville Address	0.96	1/8/2018 7/31/2019	\$260,000 \$267,000	2012 2018	3,292 3,053	\$78.98 \$87.45	4/3.5 4/4.5	2-Car 2-Car 2-Car	2-Story 2-Story	% Diff	100
	Not Not Solar Adjoins	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville	0.96 0.69 Time	1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB	2012 2018 2014 GLA	3,292 3,053 2,816	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car Total \$284,900	2-Story 2-Story 2-Story	_	100
	Not Not Solar Adjoins Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville	0.96 0.69 Time \$2,476	1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300	2012 2018 2014 GLA \$10,173	3,292 3,053 2,816 BR/BA	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948	2-Story 2-Story 2-Story % Diff 4%	% Diff	100
	Not Not Solar Adjoins Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly	0.96 0.69 Time \$2,476 -\$10,260	1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675	2012 2018 2014 GLA \$10,173 \$27,986	3,292 3,053 2,816	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051	2-Story 2-Story 2-Story % Diff 4% 6%	% Diff	100
	Not Not Solar Adjoins Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville	0.96 0.69 Time \$2,476	1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300	2012 2018 2014 GLA \$10,173	3,292 3,053 2,816 BR/BA	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948	2-Story 2-Story 2-Story % Diff 4%	% Diff	100
	Not Not Solar Adjoins Not Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972	1/8/2018 7/31/2019 4/23/2019 Site	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325	2012 2018 2014 GLA \$10,173 \$27,986	3,292 3,053 2,816 BR/BA	\$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051	2-Story 2-Story 2-Story % Diff 4% 6%	% Diff	100
-	Not Not Solar Adjoins Not Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972	1/8/2018 7/31/2019 4/23/2019 Site	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956	3,292 3,053 2,816 BR/BA -\$10,000	\$78.98 \$87.45 \$94.11 Park	4/3.5 4/4.5 5/3.5 Other	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659	2-Story 2-Story 2-Story % Diff 4% 6% -7%	% Diff 1%	
Adjoin: Parcel	Not Not Solar Adjoins Not Not Not Solar Solar	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres	1/8/2018 7/31/2019 4/23/2019 Site	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956	3,292 3,053 2,816 BR/BA -\$10,000	\$78.98 \$87.45 \$94.11 Park	4/3.5 4/4.5 5/3.5 Other	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659	2-Story 2-Story 2-Story % Diff 4% 6% -7%	% Diff 1%	Distance
-	Not Not Solar Adjoins Not Not Not Solar Adjoins Adjoins	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76	1/8/2018 7/31/2019 4/23/2019 Site rm Approve Date Sold 5/14/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013	3,292 3,053 2,816 BR/BA -\$10,000	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story	% Diff 1%	
-	Not Not Solar Adjoins Not Not Not Solar Adjoins Adjoins Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 2219 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15	1/8/2018 7/31/2019 4/23/2019 Site rm Approve Date Sold 5/14/2019 1/8/2018	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story	% Diff 1%	Distance
_	Not Not Solar Adjoins Not Not Not Adjoins Adjoins Adjoins Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 2219 Granville 634 Friendly	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96	1/8/2018 7/31/2019 4/23/2019 Site Site Date Sold 5/14/2019 1/8/2018 7/31/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000 \$267,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story	% Diff 1%	Distance
-	Not Not Solar Adjoins Not Not Not Solar Adjoins Adjoins Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 2219 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15	1/8/2018 7/31/2019 4/23/2019 Site rm Approve Date Sold 5/14/2019 1/8/2018	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5	2-Car 2-Car 2-Car Total \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story	% Diff 1%	Distance
-	Not Not Solar Adjoins Not Not Solar Adjoins Adjoins Not Not Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 2219 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96 0.69	1/8/2018 7/31/2019 4/23/2019 Site Site Prm Approve Date Sold 5/14/2019 1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 Sales Price \$280,000 \$260,000 \$267,000 \$265,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018 2014	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053 2,816	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car 2-Car \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story 2-Story	% Diff 1% Other	Distance
_	Not Not Solar Adjoins Not Not Not ing Resid Solar Adjoins Not Not Solar	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 2219 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96	1/8/2018 7/31/2019 4/23/2019 Site Site Date Sold 5/14/2019 1/8/2018 7/31/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000 \$267,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5	2-Car 2-Car 2-Car 2-Car \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story	% Diff 1% Other Avg % Diff	Distance
_	Not Not Solar Adjoins Not Not Ing Resid Solar Adjoins Not Not Solar Adjoins	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 634 Friendly 2403 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96 0.69	1/8/2018 7/31/2019 4/23/2019 Site Site Prm Approve Date Sold 5/14/2019 1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000 \$267,000 \$265,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018 2014	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053 2,816	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car 2-Car \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story 2-Story % Diff	% Diff 1% Other	Distance
-	Not Not Solar Adjoins Not Not ing Resid Solar Adjoins Not Not Not Solar Adjoins Not Not Not Not Not	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 634 Friendly 2403 Granville 634 Friendly 2403 Granville 2219 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96 0.69 Time \$10,758	1/8/2018 7/31/2019 4/23/2019 Site Site Prm Approve Date Sold 5/14/2019 1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000 \$267,000 \$265,000 YB \$1,300	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018 2014 GLA \$0	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053 2,816 BR/BA	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car 2-Car \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story 2-Story % Diff 3%	% Diff 1% Other Avg % Diff	Distance
-	Not Not Solar Adjoins Not Not Ing Resid Solar Adjoins Not Not Solar Adjoins	2219 Granville 634 Friendly 2403 Granville Address 2312 Granville 2219 Granville 634 Friendly 2403 Granville ential Sales Afte Address 2310 Granville 634 Friendly 2403 Granville 634 Friendly 2403 Granville	0.96 0.69 Time \$2,476 -\$10,260 -\$7,972 r Solar Fa Acres 0.76 1.15 0.96 0.69	1/8/2018 7/31/2019 4/23/2019 Site Site Prm Approve Date Sold 5/14/2019 1/8/2018 7/31/2019 4/23/2019	\$260,000 \$267,000 \$265,000 YB \$1,300 -\$6,675 -\$1,325 ed Sales Price \$280,000 \$260,000 \$267,000 \$265,000	2012 2018 2014 GLA \$10,173 \$27,986 \$47,956 Built 2013 2012 2018 2014 GLA \$0	3,292 3,053 2,816 BR/BA -\$10,000 GBA 3,292 3,292 3,053 2,816	\$78.98 \$87.45 \$94.11 Park \$/GBA \$85.05 \$78.98 \$87.45 \$94.11	4/3.5 4/4.5 5/3.5 Other BR/BA 5/3.5 4/3.5 4/4.5 5/3.5	2-Car 2-Car 2-Car 2-Car \$284,900 \$273,948 \$268,051 \$303,659 Park 2-Car 2-Car 2-Car 2-Car 2-Car	2-Story 2-Story 2-Story % Diff 4% 6% -7% Style 2-Story 2-Story 2-Story 2-Story % Diff	% Diff 1% Other Avg % Diff	Distance

I have also considered the original sales prices in this subdivision relative to the recent resale values as shown in the chart below. This rate of appreciation is right at 2.5% over the last 6 years. Zillow indicates that the average home value within the 27530 zip code as of January 2014 was \$101,300 and as of January 2020 that average is \$118,100. This indicates an average increase in the market of 2.37%. I conclude that the appreciation of the homes adjoining the solar farm are not impacted by the presence of the solar farm based on this data.

	Initial Sale		Second Sale	!	Year			%	Apprec.
Address	Date	Price	Date	Price	Diff		Apprec.	Apprec.	%/Year
1 103 Granville Pl	4/1/2013	\$245,000	7/27/2018	\$265,000		5.32	\$20,000	8.16%	1.53%
2 105 Erin	7/1/2014	\$250,000	6/19/2017	\$280,000		2.97	\$30,000	12.00%	4.04%
3 2312 Granville	12/1/2013	\$255,000	5/1/2015	\$262,000		1.41	\$7,000	2.75%	1.94%
4 2312 Granville	5/1/2015	\$262,000	5/1/2018	\$284,900		3.00	\$22,900	8.74%	2.91%
5 2310 Granville	8/1/2013	\$250,000	5/14/2019	\$280,000		5.79	\$30,000	12.00%	2.07%
6 2308 Granville	9/1/2013	\$260,000	11/12/2015	\$267,500		2.20	\$7,500	2.88%	1.31%
7 2304 Granville	9/1/2012	\$198,000	6/1/2017	\$225,000		4.75	\$27,000	13.64%	2.87%
8 102 Erin	8/1/2014	\$253,000	11/1/2016	\$270,000		2.25	\$17,000	6.72%	2.98%
								Average	2.46%
								Median	2.47%

2. Matched Pair - Mulberry, Selmer, TN



This 16 MW solar farm was built in 2014 on 208.89 acres with the closest home being 480 feet.

This solar farm adjoins two subdivisions with Central Hills having a mix of existing and new construction homes. Lots in this development have been marketed for \$15,000 each with discounts offered for multiple lots being used for a single home site. I spoke with the agent with Rhonda Wheeler and Becky Hearnsberger with United County Farm & Home Realty who noted that they have seen no impact on lot or home sales due to the solar farm in this community.

I have included a map below as well as data on recent sales activity on lots that adjoin the solar farm or are near the solar farm in this subdivision both before and after the announced plan for this solar farm facility. I note that using the same method I used to breakdown the adjoining uses at the subject property I show that the predominant adjoining uses are residential and agricultural, which is consistent with the location of most solar farms.

Adjoining Use Breakdown

	Acreage	Parcels
Commercial	3.40%	0.034
Residential	12.84%	79.31%
Agri/Res	10.39%	3.45%
Agricultural	73.37%	13.79%
Total	100.00%	100.00%

I have run a number of direct matched comparisons on the sales adjoining this solar farm as shown below. These direct matched pairs include some of those shown above as well as additional more recent sales in this community. In each of these I have compared the one sale adjoining the solar farm to multiple similar homes nearby that do not adjoin a solar farm to look for any potential impact from the solar farm.

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
3	Adjoins	491 Dusty	6.86	10/28/2016	\$176,000	2009	1,801	\$97.72	3/2	2-Gar	Ranch	
	Not	820 Lake Trail	1.00	6/8/2018	\$168,000	2013	1,869	\$89.89	4/2	2-Gar	Ranch	
	Not	262 Country	1.00	1/17/2018	\$145,000	2000	1,860	\$77.96	3/2	2-Gar	Ranch	
	Not	35 April	1.15	8/16/2016	\$185,000	2016	1,980	\$93.43	3/2	2-Gar	Ranch	

			Adjoining Sales Adjusted								
Parcel	Solar	Address	Time	Site	YB	GLA	Park	Other	Total	% Diff	Distance
3	Adjoins	491 Dusty							\$176,000		480
	Not	820 Lake Trail	-\$8,324	\$12,000	-\$3,360	-\$4,890			\$163,426	7%	
	Not	262 Country	-\$5,450	\$12,000	\$6,525	-\$3,680			\$154,396	12%	
	Not	35 April	\$1,138	\$12,000	-\$6,475	-\$13,380			\$178,283	-1%	
									Average	6%	

The best matched pair is 35 April Loop, which required the least adjustment and indicates a -1% increase in value due to the solar farm adjacency.

Adjoining Residential Sales After Solar Farm Built

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
12	Adjoins	57 Cooper	1.20	2/26/2019	\$163,000	2011	1,586	\$102.77	3/2	2-Gar	1.5 Story	Pool
	Not	191 Amelia	1.00	8/3/2018	\$132,000	2005	1,534	\$86.05	3/2	Drive	Ranch	
	Not	75 April	0.85	3/17/2017	\$134,000	2012	1,588	\$84.38	3/2	2-Crprt	Ranch	
	Not	345 Woodland	1.15	12/29/2016	\$131,000	2002	1,410	\$92.91	3/2	1-Gar	Ranch	

Adjoining Sales Adjusted												
Parcel	Solar	Address	Sales Price	Time	Site	YB	GLA	Park	Other	Total	% Diff	Distance
12	Adjoins	57 Cooper	\$163,000							\$163,000		685
	Not	191 Amelia	\$132,000	\$2,303		\$3,960	\$2,685	\$10,000	\$5,000	\$155,947	4%	
	Not	75 April	\$134,000	\$8,029	\$4,000	-\$670	-\$135	\$5,000	\$5,000	\$155,224	5%	
	Not	345 Woodland	\$131,000	\$8,710		\$5,895	\$9,811		\$5,000	\$160,416	2%	
										Average	4%	

The best matched pair is 191 Amelia, which was most similar in time frame of sale and indicates a +4% increase in value due to the solar farm adjacency.

Adjoining Residential Sales After Solar Farm Built													
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Styl	e Other	
15	Adjoins	297 Count	ry 1.00	9/30/2016	\$150,000	2002	1,596	\$93.98	3/2	4-Gar	Ranc	h	
	Not	185 Dusty	7 1.85	8/17/2015	\$126,040	2009	1,463	\$86.15	3/2	2-Gar	Ranc	h	
	Not	53 Glen	1.13	3/9/2017	\$126,000	1999	1,475	\$85.42	3/2	2-Gar	Ranc	h Brick	
				Adjoining S	ales Adjusted	1							
Parcel	Solar	Address	Sales Price	Time	Site YB	GLA	Par	k Otl	ner To	tal	% Diff	Distance	
15	Adjoins	297 Country	\$150,000						\$150	0,000		650	
	Not	185 Dusty	\$126,040	\$4,355	-\$4,41	1 \$9,167	7 \$10,0	000	\$145	5,150	3%		
	Not	53 Glen	\$126,000	-\$1,699	\$1,89	0 \$8,269	\$10,0	000	\$144	1,460	4%		
									Ave	rage	3%		

The best matched pair is 53 Glen, which was most similar in time frame of sale and required less adjustment. It indicates a +4% increase in value due to the solar farm adjacency.

The average indicated impact from these three sets of matched pairs is +4%, which suggests a mild positive relationship due to adjacency to the solar farm. The landscaping buffer for this project is mostly natural tree growth that was retained as part of the development but much of the trees separating the panels from homes are actually on the lots for the homes themselves. I therefore consider the landscaping buffer to be thin to moderate for these adjoining homes.

I have also looked at several lot sales in this subdivision as shown below.

These are all lots within the same community and the highest prices paid are for lots one parcel off from the existing solar farm. These prices are fairly inconsistent, though they do suggest about a \$3,000 loss in the lots adjoining the solar farm. This is an atypical finding and additional details suggest there is more going on in these sales than the data crunching shows. First of all Parcel 4 was purchased by the owner of the adjoining home and therefore an atypical buyer seeking to expand a lot and the site is not being purchased for home development. Moreover, using the SiteToDoBusiness demographic tools, I found that the 1-mile radius around this development is expecting a total population increase over the next 5 years of 3 people. This lack of growing demand for lots is largely explained in that context. Furthermore, the fact that finished home sales as shown above are showing no sign of a negative impact on property value makes this data unreliable and inconsistent with the data shown in sales to an end user. I therefore place little weight on this outlier data.

						4/18/2019		4/18/2019
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Adj for Time	\$/AC	Adj for Time
4	Adjoins	Shelter	2.05	10/25/2017	\$16,000	\$16,728	\$7,805	\$8,160
10	Adjoins	Carter	1.70	8/2/2018	\$14,000	\$14,306	\$8,235	\$8,415
11	Adjoins	Cooper	1.28	9/17/2018	\$12,000	\$12,215	\$9,375	\$9,543
	Not	75 Dusty	1.67	4/18/2019	\$20,000	\$20,000	\$11,976	\$11,976
	Not	Lake Trl	1.47	11/7/2018	\$13,000	\$13,177	\$8,844	\$8,964
	Not	Lake Trl	1.67	4/18/2019	\$20,000	\$20,000	\$11,976	\$11,976
		Adjoins	Per Acre	Not Adjoins	Per Acre	% DIF/Lot	% DIF/AC	
	Average	\$14,416	\$8,706	\$17,726	\$10,972	19%	21%	
	Median	\$14,306	\$8,415	\$20,000	\$11,976	28%	30%	
	High	\$16,728	\$9,543	\$20,000	\$11,976	16%	20%	
	Low	\$12,215	\$8,160	\$13,177	\$8,964	7%	9%	

3. Matched Pair - Leonard Road Solar Farm, Hughesville, MD



This 5 MW solar farm is located on 47 acres and mostly adjoins agricultural and residential uses to the west, south and east as shown above. The property also adjoins retail uses and a church. I looked at a 2016 sale of an adjoining home with a positive impact on value adjoining the solar farm of 2.90%. This is within typical market friction and supports an indication of no impact on property value.

I have shown this data below. The landscaping buffer is considered heavy.

Leonardtown Road Solar Farm, Hughesville, MD

Nearby Residential Sale After Solar Farm Construction

Address	Solar Farm	Acres	Date Sold S	Sales Price*	Built	GBA	\$/GBA	Style	BR/BA	Bsmt	Park	Upgrades	Other
14595 Box Elder Ct	Adjoins	3.00	2/12/2016	\$291,000	1991	2,174	\$133.85	Colonial	5/2.5	No	2 Car Att	N/A	Deck
15313 Bassford Rd	Not	3.32	7/20/2016	\$329,800	1990	2,520	\$130.87	Colonial	3/2.5	Finished	2 Car Att	Custom	Scr Por/Patio

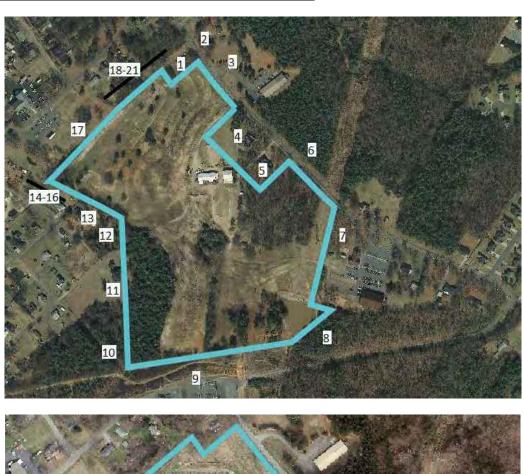
^{*\$9,000} concession deducted from sale price for Box Elder and \$10,200 deducted from Bassford

Adjoining Sales Adju	sted		Adjustmen					
Address	Date Sold	Sales Price	Time	GLA	Bsmt	Upgrades C	ther	Total
14595 Box Elder Ct	2/12/2016	\$291,000						\$291,000
15313 Bassford Rd	7/20/2016	\$329,800	-\$3,400	-\$13,840	-\$10,000	-\$15,000	-\$5,000	\$282,560

Difference Attributable to Location \$8,440 2.90%

This is within typical market friction and supports an indication of no impact on property value.

4. Matched Pair - Gastonia SC Solar, Gastonia, NC





This 5 MW project is located on the south side of Neal Hawkins Road just outside of Gastonia. The property identified above as Parcel 4 was listed for sale while this solar farm project was going

through the approval process. The property was put under contract during the permitting process with the permit being approved while the due diligence period was still ongoing. After the permit was approved the property closed with no concerns from the buyer. I spoke with Jennifer Bouvier, the broker listing the property and she indicated that the solar farm had no impact at all on the sales price. She considered some nearby sales to set the price and the closing price was very similar to the asking price within the typical range for the market. The buyer was aware that the solar farm was coming and they had no concerns.

This two-story brick dwelling was sold on March 20, 2017 for \$270,000 for a 3,437 square foot dwelling built in 1934 in average condition on 1.42 acres. The property has four bedrooms and two bathrooms. The landscaping screen is light for this adjoining home due to it being a new planted landscaping buffer.

Adjoining	g Residential Sal	s After So	lar Farm App	roved							
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
Adjoins	609 Neal Hawkins	1.42	3/20/2017	\$270,000	1934	3,427	\$78.79	4/2	Open	2-Brick	
Not	1418 N Modena	4.81	4/17/2018	\$225,000	1930	2,906	\$77.43	3/3	2-Crprt	2-Brick	
Not	363 Dallas Bess	2.90	11/29/2018	\$265,500	1968	2,964	\$89.57	3/3	Open	FinBsmt	
Not	1612 Dallas Chry	2.74	9/17/2018	\$245,000	1951	3,443	\$71.16	3/2	Open	2-Brick	Unfin bath
Adjoinin	ıg Sales Adjuste	a								A == ~	
	•				DD /D4	- .	0.1		0/ 5:00	Avg	5
	lress Ti		е ҮВ	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
	lress Tin l Hawkins	ne Sit			BR/BA		Other	\$270,000		•	Distance 225
609 Nea	lress Ti	ne Sit	e YB \$2,700	GLA \$32,271	BR/BA	Park -\$10,000	Other		% Diff 5%	•	
609 Nea 1418 N	lress Tin l Hawkins	ne Sit		\$32,271	BR/BA -\$10,000		Other \$53,100	\$270,000		•	
609 Nea 1418 N 363 Dal	lress Tin l Hawkins Modena \$7,	ne Sit 19 6	\$2,700	\$32,271 \$33,179	ŕ			\$270,000 \$257,290	5%	•	

I also considered the newer adjoining home identified as Parcel 5 that sold later in 2017 and it likewise shows no negative impact on property value. This is also considered a light landscaping buffer.

Adjoining	Adjoining Residential Sales After Solar Farm Approved												
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style			
Adjoins	611 Neal Hawkins	0.78	7/6/2017	\$288,000	1991	2,256	\$127.66	5/3	2-Gar	1.5 Brick			
Not	1211 Still Frst	0.51	7/30/2018	\$280,000	1989	2,249	\$124.50	3/3	2-Gar	Br Rnch			
Not	2867 Colony Wds	0.52	8/14/2018	\$242,000	1990	2,006	\$120.64	3/3	2-Gar	Br Rnch			
Not	1010 Strawberry	1.00	10/4/2018	\$315,000	2002	2,330	\$135.19	3/2.5	2-Gar	1.5 Brick			

Adjoining Sales Ad	ljusted									Avg	
Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
611 Neal Hawkins								\$288,000			145
1211 Still Frst	\$1,341		\$2,800	\$697				\$284,838	1%		
2867 Colony Wds	\$7,714		\$1,210	\$24,128				\$275,052	4%		
1010 Strawberry	-\$4,555		-\$17,325	-\$8,003	\$5,000			\$290,116	-1%		
										2%	

5. Matched Pair - Summit/Ranchlands Solar, Moyock, NC



This project is located at 1374 Caritoke Highway, Moyock, NC. This is an 80 MW facility on a parent tract of 2,034 acres. Parcels Number 48 and 53 as shown in the map above were sold in 2016. The project was under construction during the time period of the first of the matched pair sales and the permit was approved well prior to that in 2015.

I looked at multiple sales of adjoining and nearby homes and compared each to multiple comparables to show a range of impacts from -10% up to +11% with an average of +2% and a median of +3%. These ranges are well within typical real estate variation and supports an indication of no impact on property value.

	Solar Adjoins Not Not	Addres 129 Pin 102 Tim 120 Ranch	ss ito ber	Acres 4.29 1.30 0.99	Olar Farm A Date Sold 4/15/2016 4/1/2016 10/1/2014	Sale \$17 \$17		Built 1985 2009 2002	GBA 1,559 1,352 1,501	\$/GBA \$109.04 \$129.81 \$113.26	3/2 3/2 3/2 3/2	Drive Drive Drive	Style MFG MFG MFG	Other	Distance 1,060
	Solar Adjoins Not Not	Addres 129 Pir 102 Tim 120 Ranch	ss ito ber	Time \$276 \$10,735	Site \$10,000 \$10,000	-\$2	YB 9,484 0,230	GLA \$18,809 \$4,598	BR/BA	Park	Other		% Diff 0 1 -3%	Avg % Diff -3%	
Sola ı Adjoin		Idress 5 Pinto	Acres	Date So			Built 1978	GBA 1,484	\$/GL \$138.8	A BR/B . 1 3/2		3		Other	
Not		1 Spur	1.15	2/1/20			1985	2,013	\$95.88	,	Ga				
Not		Marshall	1.07	3/29/20			2003	1,620	\$120.9		Driv				
Not	127 R	anchland	0.00	6/9/20	15 \$219,	900	1988	1,910	\$115.13	3 3/2	Gar/3	Det Ran	nch		
Adjoi	ning Sal	les Adjus	ted										Avg		
	ldress	Time	Sit	te Y	B GL	A I	BR/BA	Park	Oth			% Diff	% Diff	Distance	
	5 Pinto	dic = 45	. 410	000 46	do-	250					6,000	1.40/		980	
	1 Spur	\$6,747		000 -\$6,				d= 000			7,633	14%			
	Marshal	, .	. ,	000 -\$24				\$5,000			6,212	14%			
127 R	anchlan	d \$13,39	9 \$10,	000 -\$10,	995 -\$24,5	523		-\$10,00	00	\$19	7,781	4%	11%		
Adjoin	ing Resi	dential Sal	es Afte	r Solar Fa	rm Built										
Parcel	Solar	Addre	ss	Acres	Date Sold	Sale	s Price	Built	GBA	\$/GBA		Park	Style	Other	Distance
15	Adjoins	318 Green		0.44	9/15/2019		7,000	2005	3,460	\$103.18	4/4	2-Car	1.5 Brick		570
	Not	195 St And		0.55	6/17/2018		4,000	2002	3,561	\$88.18	5/3	2-Car	2.0 Brick		
	Not	336 Green		0.64	1/13/2019		5,000	2006	3,790	\$96.31	6/4	3-Car	2.0 Brick		
	Not	275 Green	View	0.36	8/15/2019	\$31	.2,000	2003	3,100	\$100.65	5/3	2-Car	2.0 Brick	2	
	Solar	Addre	20	Time	Site		ΥВ	GLA	BR/BA	Park	Other	Total	% Diff	Avg % Diff	
	Adjoins	318 Green			5110			4	JII, JA		O thich	\$357,000		4%	

\$4,710

-\$1,825

\$3,120

-\$7,125 \$10,000

\$28,986 \$10,000

-\$25,425

Not 195 St Andrews

Not Not 336 Green View

275 Green View

\$12,040

\$7,536

\$815

\$333,625

\$354,921

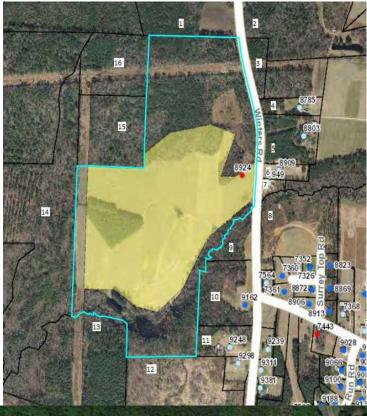
-\$5,000 \$340,286

7%

5%

Parcel Solar Solar Address	Adjoin	ing Resi	dential Sales Aft	er Solar Fa	arm Built									
Not	Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	Distance
Not 105 Longhorm 1.90	29	Adjoins	164 Ranchland	1.01	4/30/2019	\$169,000	1999	2,052	\$82.36	4/2	Gar	MFG		440
Not		Not	150 Pinto	0.94	3/27/2018	\$168,000	2017	1,920	\$87.50	4/2	Drive	MFG		
Solar		Not	105 Longhorn	1.90	10/10/2017	\$184,500	2002	1,944	\$94.91	3/2	Drive	MFG		
Solar		Not	112 Pinto	1.00	7/27/2018	\$180,000	2002	1,836	\$98.04	3/2	Drive	MFG	Fenced	
Adjoins													Avg	
Not		Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	
Not		Adjoins	164 Ranchland								\$169,000		-10%	
Adjoining Resital Sales After Solar Family Solar Solar Solar Solar Solar Solar Address Acres Date Solar Solar Solar Solar Address Address Acres Date Solar Solar Solar Solar Address Address Acres Date Solar Solar Solar Solar Address Address Acres Date Solar Solar Solar Solar Solar Solar Solar Solar Address Addre		Not	150 Pinto				\$8,085			\$5,000	\$165,566	2%		
Adjoining Residential Sales After Solar Farm Built Parcel Solar		Not	105 Longhorn		-\$10,000		\$7,175			\$5,000	\$191,616	-13%		
Parcel Solar Address Address Address Address Address Adjoins Sales		Not	112 Pinto	\$4,202		-\$3,780	\$14,824			\$5,000	\$200,245	-18%		
Parcel Solar Address Address Address Address Address Adjoins 358 Oxford 10.03 9/16/2019 \$478,000 2008 2,726 \$175.35 3/3 2 Gar Ranch 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635 635	Adioin	ing Resi	dential Sales Aft	er Solar F	arm Built									
Adjoins 358 Oxford 10.03 9/16/2019 \$478,000 2008 2,726 \$175.35 3/3 2 Gar Ranch	-	-				Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	Distance
Not	- 41-001									-		•	0 0.1.01	
Not 1601 B Caratoke 12.20 9/26/2019 \$440,000 2016 3,100 \$141.94 4/3.5 5 Gar Ranch Pool		Not	276 Summit	10.01	12/20/2017	\$355,000	2006	1,985	\$178.84	3/2	2 Gar	Ranch		
Not 1601 B Caratoke 12.20 9/26/2019 \$440,000 2016 3,100 \$141.94 4/3.5 5 Gar Ranch Pool		Not	176 Providence				1990	2,549	\$166.73	3/3	4 Gar	Ranch	Brick	
Solar Address Time Site YB GLA BR/BA Park Other Total % Diff 5% Diff 5% Not 276 Summit \$18,996 \$33,550 \$106,017 \$10,000 \$10,000 \$493,564 -3% 4% Not 176 Providence \$4,763 \$38,250 \$23,609 \$106,017 \$10,000 \$414,562 13% \$18,966 \$38,250 \$23,609 \$10,000 \$10,000 \$414,562 13% \$18,966 \$106,017 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,		Not	1601 B Caratoke	12.20	9/26/2019	\$440,000	2016	3,100	\$141.94	4/3.5	5 Gar		Pool	
Not 276 Summit \$18,996 \$338,250 \$338,250 \$23,609 \$35,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310					, ,					,				
Not 276 Summit \$18,996 \$338,250 \$338,250 \$23,609 \$35,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310													Avg	
Not				Time	Site	YB	GLA	BR/BA	Park	Other				
Not 1601 B Caratoke -\$371 \$50,000 -\$17,600 -\$42,467 -\$5,000 -\$10,000 \$414,562 13%		Not	276 Summit	\$18,996		\$3,550	\$106,017	\$10,000			\$493,564	-3%		
Adjoin**ig Residential Sales After Solar Farm Approved Parcel Solar Address Acres Date Sold Sales Price Built GBA \$/GBA BR/BA Park Style Other Nearby 343 Oxford 10.01 3/9/2017 \$490,000 2016 3,753 \$130.56 3/3 2 Gar 1.5 Story Pool Not 287 Oxford 10.01 9/4/2017 \$600,000 2013 4,341 \$138.22 5/4.5 8-Gar 1.5 Story Pool Not 301 Oxford 10.00 4/23/2018 \$434,000 2013 3,393 \$127.91 5/3 2 Gar 1.5 Story Pool Not 218 Oxford 10.01 4/4/2017 \$525,000 2006 4,215 \$124.56 4/3 4 Gar 1.5 Story VG Barn Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff Adjoins 343 Oxford Not 287 Oxford -\$9,051 \$9,000 -\$65,017 -\$15,000 -\$25,000 \$494,932 -1% Not 301 Oxford -\$14,995 -\$10,000 \$6,510 \$36,838		Not	176 Providence	\$4,763		\$38,250	\$23,609		-\$10,000	-\$25,000	\$456,623	4%		
Parcel Solar Nearby Address Acres (10.01) Sales (10.01)		Not	1601 B Caratoke	-\$371	\$50,000	-\$17,600	-\$42,467	-\$5,000	-\$10,000		\$414,562	13%		
Nearby 343 Oxford 10.01 3/9/2017 \$490,000 2016 3,753 \$130.56 3/3 2 Gar 1.5 Story Pool 970 Not 287 Oxford 10.01 9/4/2017 \$600,000 2013 4,341 \$138.22 5/4.5 8-Gar 1.5 Story Pool Not 301 Oxford 10.00 4/23/2018 \$434,000 2013 3,393 \$127.91 5/3 2 Gar 1.5 Story Pool Not 218 Oxford 10.01 4/4/2017 \$525,000 2006 4,215 \$124.56 4/3 4 Gar 1.5 Story VG Barn Avg Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff Adjoins 343 Oxford -\$9,051 \$9,000 -\$65,017 -\$15,000 -\$25,000 \$494,932 -1% Not 301 Oxford -\$14,995 -\$10,000 \$66,510 \$36,838 \$452,353	Adjoin	ing Resi	dential Sales Aft	er Solar Fa	arm Approve	d								
Not 287 Oxford 10.01 9/4/2017 \$600,000 2013 4,341 \$138.22 5/4.5 8-Gar 1.5 Story Pool Not 301 Oxford 10.00 4/23/2018 \$434,000 2013 3,393 \$127.91 5/3 2 Gar 1.5 Story Not 218 Oxford 10.01 4/4/2017 \$525,000 2006 4,215 \$124.56 4/3 4 Gar 1.5 Story VG Barn Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff	Parcel											•		
Not 301 Oxford 10.00 4/23/2018 \$434,000 2013 3,393 \$127.91 5/3 2 Gar 1.5 Story Not 218 Oxford 10.01 4/4/2017 \$525,000 2006 4,215 \$124.56 4/3 4 Gar 1.5 Story VG Barn Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff														
Not 218 Oxford 10.01 4/4/2017 \$525,000 2006 4,215 \$124.56 4/3 4 Gar 1.5 Story VG Barn Avg Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff Molinis 343 Oxford 340 Oxford 5490,000 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376 376														
Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff Adjoins 343 Oxford \$490,000 3% Not 287 Oxford -\$9,051 \$9,000 -\$65,017 -\$15,000 -\$25,000 \$494,932 -1% Not 301 Oxford -\$14,995 -\$10,000 \$65,510 \$36,838 \$452,353 8%										,			VG Barn	
Solar Address Time Site YB GLA BR/BA Park Other Total % Diff % Diff Adjoins 343 Oxford \$490,000 3% Not 287 Oxford -\$9,051 \$9,000 -\$65,017 -\$15,000 -\$25,000 \$494,932 -1% Not 301 Oxford -\$14,995 -\$10,000 \$65,510 \$36,838 \$452,353 8%					, ,	,		,		, -		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Adjoins 343 Oxford \$490,000 3% Not 287 Oxford -\$9,051 \$9,000 -\$65,017 -\$15,000 -\$25,000 \$494,932 -1% Not 301 Oxford -\$14,995 -\$10,000 \$6,510 \$36,838 \$452,353 8%		0-1-	4.4.4	<i>m</i> :	014 -	T/D	07.4	DD /D 4	D1	041-	M-4-1	0/ Disc	_	
Not 301 Oxford -\$14,995 -\$10,000 \$6,510 \$36,838 \$452,353 8%				Time	Site	ХR	GLA	BK/BA	Park	Otner				
		Not	287 Oxford	-\$9,051		\$9,000	-\$65,017	-\$15,000	-\$25,000		\$494,932	-1%		
Not 218 Oxford -\$1,150 \$26,250 -\$46,036 -\$10,000 -\$10,000 \$484,064 1%		Not	301 Oxford	-\$14,995	-\$10,000	\$6,510	\$36,838				\$452,353	8%		
		Not	218 Oxford	-\$1,150		\$26,250	-\$46,036		-\$10,000	-\$10,000	\$484,064	1%		

6. Matched Pair - Tracy Solar, Bailey, NC





This project is located in rural Nash County on Winters Road with a 5 MW facility that was built in 2016 on 50 acres. A local builder acquired parcels 9 and 10 following construction as shown below

at rates comparable to other tracts in the area. They then built a custom home for an owner and sold that at a price similar to other nearby homes as shown in the matched pair data below. The retained woods provide a heavy landscaped buffer for this homesite.

	TAX ID	Grantor	Grantee	Address	Acres	Date Sold	Sales Pri	ce \$/AC	Other
Adjoins	316003	Cozart	Kingsmill	9162 Winters	13.22	7/21/2016	\$70,000	\$5,295	
	& 316004								
Not	6056	Billingsly		427 Young	41	10/21/2016	\$164,000	\$4,000	
Not	33211	Fulcher	Weikel	10533 Cone	23.46	7/18/2017	\$137,000	\$5,840	Doublewide, structures
Not	106807	Perry	Gardner	Claude Lewis	11.22	8/10/2017	\$79,000	\$7,041	Gravel drive for sub, cleare
Not	3437	Vaughan	N/A	11354 Old Lewis Sch	18.73	Listing	\$79,900	\$4,266	Small cemetery,wooded
	Ad	joining S	Sales Adj	justed					
		Time	Acres	Location	Othe	r Adj\$	S/Ac %	6 Diff	
						\$5,2	295		
		\$0	\$400	\$0	\$0	\$4,4	100	17%	
		-\$292	\$292	\$0	-\$500	\$5,3	340	-1%	
		-\$352	\$0	\$0	-\$1,00	00 \$5,6	589	-7%	
		-\$213	\$0	\$0	\$213	\$4,2	266	19%	
						Aver	200	7%	
	Not Not	Not 33211 Not 106807 Not 3437	Not 33211 Fulcher Not 106807 Perry Not 3437 Vaughan Adjoining S Time \$0 -\$292 -\$352	Not 33211 Fulcher Weikel Not 106807 Perry Gardner Not 3437 Vaughan N/A Adjoining Sales Adj Time Acres \$0 \$400 -\$292 \$292 -\$352 \$0	Not 33211 Fulcher Weikel 10533 Cone Not 106807 Perry Gardner Claude Lewis Not 3437 Vaughan N/A 11354 Old Lewis Sch Adjoining Sales Adjusted Time Acres Location \$0 \$4400 \$0 -\$292 \$292 \$0 -\$352 \$0 \$0	Not 33211 Fulcher Weikel 10533 Cone 23.46 Not 106807 Perry Gardner Claude Lewis 11.22 Not 3437 Vaughan N/A 11354 Old 18.73	Not 33211 Fulcher Weikel 10533 Cone 23.46 7/18/2017 Not 106807 Perry Gardner Claude Lewis 11.22 8/10/2017 Not 3437 Vaughan N/A 11354 Old Lewis Sch Adjoining Sales Adjusted Time Acres Location Other Adj \$ \$5,2 \$ \$0 \$400 \$0 \$0 \$0 \$4,6 \$-\$292 \$292 \$0 \$-\$500 \$55,6 \$-\$352 \$0 \$0 \$0 \$-\$1,000 \$55,6	Not 33211 Fulcher Weikel 10533 Cone 23.46 7/18/2017 \$137,000 Not 106807 Perry Gardner Claude Lewis 11.22 8/10/2017 \$79,000 Not 3437 Vaughan N/A 11354 Old Lewis Sch Adjoining Sales Adjusted Time Acres Location Other Adj \$/Ac 9 \$55,295 \$0 \$4400 \$0 \$0 \$0 \$4,400 \$-\$292 \$292 \$0 \$-\$500 \$5,340 \$-\$352 \$0 \$0 \$0 \$-\$1,000 \$5,689	Not 33211 Fulcher Not Weikel 10533 Cone 106807 23.46 7/18/2017 \$137,000 \$5,840 Not 106807 Perry Gardner Claude Lewis 11.22 8/10/2017 \$79,000 \$7,041 Not 3437 Vaughan N/A 11354 Old Lewis Sch 18.73 Listing \$79,900 \$4,266 Adjoining Sales Adjusted Time Acres Location Other Adj \$/Ac % Diff \$55,295 \$0 \$400 \$0 \$0 \$4,400 17% 17% -\$292 \$292 \$0 -\$500 \$5,340 -1% -1% -\$352 \$0 \$0 -\$1,000 \$5,689 -7%

										-	•	
9 & 10	Adjoins	ţs	9162 Winters	13.22	1/5/2017	\$255,000	2016	1,616	\$157.80	3/2	Ranch	1296 sf wrkshp
	Not	N	7352 Red Fox	0.93	6/30/2016	\$176,000	2010	1,529	\$115.11	3/2	2-story	

Adjoining	Sales Adju	isted					
Time	Acres	YB	GLA	Style	Other	Total	% Diff
						\$255,000	
\$0	\$44,000	\$7,392	\$5,007	\$5,000	\$15,000	\$252,399	1%

The comparables for the land show either a significant positive relationship or a mild negative relationship to having and adjoining solar farm, but when averaged together they show no negative impact. The wild divergence is due to the difficulty in comping out this tract of land and the wide variety of comparables used. The two comparables that show mild negative influences include a property that was partly developed as a residential subdivision and the other included a doublewide with some value and accessory agricultural structures. The tax assessed value on the improvements were valued at \$60,000. So both of those comparables have some limitations for comparison. The two that show significant enhancement due to adjacency includes a property with a cemetery located in the middle and the other is a tract almost twice as large. Still that larger tract after adjustment provides the best matched pair as it required the least adjustment. I therefore conclude that there is no negative impact due to adjacency to the solar farm shown by this matched pair.

The dwelling that was built on the site was a build-to-suit and was compared to a nearby homesale of a property on a smaller parcel of land. I adjusted for that differenced based on a \$25,000 value for a 1-acre home site versus the \$70,000 purchase price of the larger subject tract. The other adjustments are typical and show no impact due to the adjacency to the solar farm.

The closest solar panel to the home is 780 feet away.

I note that the representative for Kingsmill Homes indicated that the solar farm was never a concern in purchasing the land or selling the home. He also indicated that they had built a number of nearby homes across the street and it had never come up as an issue.

7. Matched Pair - Manatee Solar Farm, Parrish, FL



This solar farm is located near Seminole Trail, Parrish, FL. The solar farm has a 74.50 MW output and is located on a 1,180.38 acre tract and was built in 2016. The tract is owned by Florida Power & Light Company.

I have considered the recent sale of 13670 Highland Road, Wimauma, Florida. This one-story, concrete block home is located just north of the solar farm and separated from the solar farm by a railroad corridor. This home is a 3 BR, 3 BA 1,512 s.f. home with a carport and workshop. The property includes new custom cabinets, granite counter tops, brand new stainless steel appliances, updated bathrooms and new carpet in the bedrooms. The home is sitting on 5 acres. The home was built in 1997.

I have compared this sale to several nearby homesales as part of this matched pair analysis as shown below. The landscaping separating the home from the solar farm is considered heavy.

Solar	TAX ID/Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Note
Adjoins	13670 Highland	5.00	8/21/2017	\$255,000	1997	1,512	\$168.65	3/3	Carport/Wrkshp	Ranch	Renov.
Not	2901 Arrowsmith	1.91	1/31/2018	\$225,000	1979	1,636	\$137.53	3/2	2 Garage/Wrkshp	Ranch	
Not	602 Butch Cassidy	1.00	5/5/2017	\$220,000	2001	1,560	\$141.03	3/2	N/A	Ranch	Renov.
Not	2908 Wild West	1.23	7/12/2017	\$254,000	2003	1,554	\$163.45	3/2	2 Garage/Wrkshp	Ranch	Renov.
Not	13851 Highland	5.00	9/13/2017	\$240,000	1978	1,636	\$146.70	4/2	3 Garage	Ranch	Renov.

		Adjoining	g Sales Ad							
Solar	TAX ID/Address	Time	Acres	YB	GLA	BR/BA	Park	Note	Total	% Diff
Adjoins	13670 Highland								\$255,000	
Not	2901 Arrowsmith	\$2,250	\$10,000	\$28,350	-\$8,527	\$5,000	-\$10,000	\$10,000	\$262,073	-3%
Not	602 Butch Cassidy	-\$2,200	\$10,000	-\$6,160	-\$3,385	\$5,000	\$2,000		\$225,255	12%
Not	2908 Wild West	\$0	\$10,000	-\$10,668	-\$3,432	\$5,000	-\$10,000		\$244,900	4%
Not	13851 Highland	\$0	\$0	\$31,920	-\$9,095	\$3,000	-\$10,000		\$255,825	0%
									Average	3%

The sales prices of the comparables before adjustments range from \$220,000 to \$254,000. After adjustments they range from \$225,255 to \$262,073. The comparables range from no impact to a strong positive impact. The comparables showing -3% and +4% impact on value are considered within a typical range of value and therefore not indicative of any impact on property value.

This set of matched pair data falls in line with the data seen in other states. The closest solar panel to the home at 13670 Highland is 1,180 feet. There is a wooded buffer between these two properties.

I have included a map showing the relative location of these properties below.



8. Matched Pair - McBride Place Solar Farm, Midland, NC



This project is located on Mount Pleasant Road, Midland, North Carolina. The property is on 627 acres on an assemblage of 974.59 acres. The solar farm was approved in early 2017 for a 74.9 MW facility.

I have considered the sale of 4380 Joyner Road which adjoins the proposed solar farm near the northwest section. This property was appraised in April of 2017 for a value of \$317,000 with no consideration of any impact due to the solar farm in that figure. The property sold in November

2018 for \$325,000 with the buyer fully aware of the proposed solar farm. The landscaping buffer relative to Joyner Road, Hayden Way, Chanel Court and Kristi Lane is considered medium, while the landscaping for the home at the north end of Chanel Court is considered very light.

I have considered the following matched pairs to the subject property.

Α	djoining R	esidential Sale	s After Solar	Farm Approved								
	Solar	Address	Acre	s Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
	Adjoins	4380 Joyne	er 12.00	11/22/2017	\$325,000	1979	1,598	\$203.38	3/2	2xGar	Ranch	Outbldg
	Not	3870 Elkwo	od 5.50	8/24/2016	\$250,000	1986	1,551	\$161.19	3/2.5	Det 2xGar	Craft	
	Not	8121 Lower R	ocky 18.00	2/8/2017	\$355,000	1977	1,274	\$278.65	2/2	2xCarprt	Ranch	Eq. Fac.
	Not	13531 Cabar	rus 7.89	5/20/2016	\$267,750	1981	2,300	\$116.41	3/2	2xGar	Ranch	
I	Adjoinin	g Sales Adj	usted									
	Time	Acres	YB	Condition	GLA	BR/BA	P	ark	Other	Total	%	Diff
										\$325,00	0	
	\$7,500	\$52,000	-\$12,250	\$10,000	\$2,273	-\$2,000	\$2	2,500	\$7,500	\$317,52	3 :	2%
•	\$7,100	-\$48,000	\$4,970		\$23,156	\$0	\$3	3,000	-\$15,000	\$330,22	6 -	2%
	\$8,033	\$33,000	-\$3,749	\$20,000	-\$35,832	\$0		\$0	\$7,500	\$296,70	2	9%
										Average	:	3%

The home at 4380 Joyner Road is 275 feet from the closest solar panel.

I also considered the recent sale of a lot at 5800 Kristi Lane that is on the east side of the proposed solar farm. This 4.22-acre lot sold in December 2017 for \$94,000. A home was built on this lot in 2019 with the closest point from home to panel at 689 feet. The home site is heavily wooded and their remains a wooded buffer between the solar panels and the home. I spoke with the broker, Margaret Dabbs, who indicated that the solar farm was considered a positive by both buyer and seller as it insures no subdivision will be happening in that area. Buyers in this market are looking for privacy and seclusion.

The breakdown of recent lot sales on Kristi are shown below with the lowest price paid for the lot with no solar farm exposure, though that lot has exposure to Mt Pleasant Road South. Still the older lot sales have exposure to the solar farm and sold for higher prices than the front lot and adjusting for time would only increase that difference.

Adjoin	ing Lot S	ales After Solar	Farm Built					
Parcel	Solar	Address	Acres	Date Sold	Sales Price	\$/AC	\$/Lot	
	Adjoins	5811 Kristi	3.74	5/1/2018	\$100,000	\$26,738	\$100,000	
	Adjoins	5800 Kristi	4.22	12/1/2017	\$94,000	\$22,275	\$94,000	
	Not	5822 Kristi	3.43	2/24/2020	\$90,000	\$26,239	\$90,000	

The lot at 5811 Kristi Lane sold in May 2018 for \$100,000 for a 3.74-acre lot. The home that was built later in 2018 is 505 feet to the closest solar panel. This home then sold to a homeowner for \$530,000 in April 2020. I have compared this home sale to other properties in the area as shown below.

\$492,803

7%

Adjoinin	ig Residential Sal	es After S	olar Farm Bı	ıilt							
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	5811 Kristi	3.74	3/31/2020	\$530,000	2018	3,858	\$137.38	5/3.5	2 Gar	2-story	Cement Ext
Not	3915 Tania	1.68	12/9/2019	\$495,000	2007	3,919	\$126.31	3/3.5	2 Gar	2-story	3Det Gar
Not	6782 Manatee	1.33	3/8/2020	\$460,000	1998	3,776	\$121.82	4/2/2h	2 Gar	2-story	Water
Not	314 Old Hickory	1.24	9/20/2019	\$492,500	2017	3,903	\$126.18	6/4.5	2 Gar	2-story	
											Avg
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff
Adjoins	5811 Kristi								\$530,000		5%
Not	3915 Tania	\$6,285		\$27,225	-\$3,852		-\$20,000		\$504,657	5%	
Not	6782 Manatee	\$1,189		\$46,000	\$4,995	\$5,000			\$517,183	2%	

-\$2,839 -\$10,000

After adjusting the comparables, I found that the average adjusted value shows a slight increase in value for the subject property adjoining a solar farm. As in the other cases, this is a mild positive impact on value but within the typical range of real estate transactions.

\$2,463

314 Old Hickory

Not

\$10,680

I also looked at 5833 Kristi Lane that sold on 9/14/2020 for \$625,000. This home is 470 feet from the closest panel.

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
Nearby	5833 Kristi	4.05	9/14/2020	\$625,000	2008	4,373	\$142.92	5/4	3-Car	2-Brick	
Not	4055 Dakeita	4.90	12/30/2020	\$629,000	2005	4,427	\$142.08	4/4	4-Car	2-Brick	4DetGar/Stable
Not	9615 Bales	2.16	6/30/2020	\$620,000	2007	4,139	\$149.79	4/5	3-Car	2-Stone	2DetGar
Not	9522 Bales	1.47	6/18/2020	\$600,000	2007	4.014	\$149.48	4/4.5	3-Car	2-Stone	

Adjoining Sales	s Adjusted	l									
Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
5833 Kristi								\$625,000			470
4055 Dakeita	-\$9,220		\$5,661	-\$6,138		-\$25,000		\$594,303	5%		
9615 Bales	\$6,455		\$1,860	\$28,042	-\$10,000	-\$15,000		\$631,356	-1%		
9522 Bales	\$7,233		\$1,800	\$42,930	-\$5,000			\$646,963	-4%		
										0%	

The average difference is 0% impact and the differences are all within a close range with this set of comparables and supports a finding of no impact on property value.

I have also looked at 4504 Chanel Court. This home sold on January 1, 2020 for \$393,500 for this 3,010 square foot home built in 2004 with 3 bedroooms, 3.5 bathrooms, and a 3-car garage. This home includes a full partially finished basement that significantly complicates comparing this to other sales. This home previously sold on January 23, 2017 for \$399,000. This was during the time that the solar farm was a known factor as the solar farm was approved in early 2017 and public discussions had already commenced. I spoke with Rachelle Killman with Real Estate Realty, LLC the buyer's agent for this transaction and she indicated that the solar farm was not a factor or consideration for the buyer. She noted that you could see the panels sort of through the trees, but it wasn't a concern for the buyer. She was not familiar with the earlier 2017 sale, but indicated that it was likely too high. This again goes back to the partially finished basement issue. The basement has a fireplace, and an installed 3/4 bathroom but otherwise bare studs and concrete floors with different buyers assigning varying value to that partly finished space. I also reached out to Don Gomez with Don Anthony Realty, LLC as he was the listing agent.

I also looked at the recent sale of 4599 Chanel Court. This home is within 310 feet of solar panels but notably does not have a good landscaping screen in place as shown in the photo below. The plantings appear to be less than 3-feet in height and only a narrow, limited screen of existing hardwoods were kept. The photograph is from the listing.

According to Scott David with Better Homes and Gardens Paracle Realty, this property was under contract for \$550,000 contingent on the buyer being able to sell their former home. The former home was apparently overprized and did not sell and the contract stretched out over 2.5 months.

The seller was in a bind as they had a home they were trying to buy contingent on this closing and were about to lose that opportunity. A cash buyer offered them a quick close at \$500,000 and the seller accepted that offer in order to not lose the home they were trying to buy. According to Mr. David, the original contracted buyer and the actual cash buyer never considered the solar farm as a negative. In fact Mr. David noted that the actual buyer saw it as a great opportunity to purchase a home where a new subdivision could not be built behind his house. I therefore conclude that this property supports a finding of no impact on adjoining property, even where the landscaping screen still requires time to grow in for a year-round screen.

I also considered a sale/resale analysis on this property. This same home sold on September 15, 2015 for \$462,000. Adjusting this upward by 5% per year for the five years between these sales dates suggests a value of \$577,500. Comparing that to the \$550,000 contract that suggests a 5% downward impact, which is within a typical market variation. Given that the broker noted no negative impact from the solar farm and the analysis above, I conclude this sale supports a finding of no impact on value.



9. Matched Pair - Mariposa Solar, Gaston County, NC



This project is a 5 MW facility located on 35.80 acres out of a parent tract of 87.61 acres at 517 Blacksnake Road, Stanley that was built in 2016.

I have considered a number of recent sales around this facility as shown below.

The first is identified in the map above as Parcel 1, which is 215 Mariposa Road. This is an older dwelling on large acreage with only one bathroom. I've compared it to similar nearby homes as shown below. The landscaping buffer for this home is considered light.

Adjoining Residential Sales After Solar Farm Approved

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style
Adjoins	215 Mariposa	17.74	12/12/2017	\$249,000	1958	1,551	\$160.54	3/1	Garage	Br/Rnch
Not	249 Mariposa	0.48	3/1/2019	\$153,000	1974	1,792	\$85.38	4/2	Garage	Br/Rnch
Not	110 Airport	0.83	5/10/2016	\$166,000	1962	2,165	\$76.67	3/2	Crprt	Br/Rnch
Not	1249 Blacksnake	5.01	9/20/2018	\$242,500	1980	2,156	\$112.48	3/2	Drive	1.5
Not	1201 Abernathy	27.00	5/3/2018	\$390,000	1970	2,190	\$178.08	3/2	Crprt	Br/Rnch

Adjoining	g Residential Sale	s After	Solar Farm	Approved	Adjoining	g Sales Adjı	usted						
Solar	Address	Acres	Date Sold	Sales Price	Time	YB	Acres	GLA	BR/BA	Park	Other	Total	% Diff
Adjoins	215 Mariposa	17.74	12/12/2017	\$249,000								\$249,000	
Not	249 Mariposa	0.48	3/1/2019	\$153,000	-\$5,583	-\$17,136	\$129,450	-\$20,576	-\$10,000			\$229,154	8%
Not	110 Airport	0.83	5/10/2016	\$166,000	\$7,927	-\$4,648	\$126,825	-\$47,078	-\$10,000			\$239,026	4%
Not	1249 Blacksnake	5.01	9/20/2018	\$242,500	-\$5,621	-\$37,345	\$95,475	-\$68,048	-\$10,000	\$5,000		\$221,961	11%
Not	1201 Abernathy	27.00	5/3/2018	\$390,000	-\$4,552	-\$32,760	-\$69,450	-\$60,705	-\$10,000			\$212,533	15%
												Average	9%

The average difference after adjusting for all factors is +9% on average, which suggests an enhancement due to the solar farm across the street. Given the large adjustments for acreage and size, I will focus on the low end of the adjusted range at 4%, which is within the typical deviation and therefore suggests no impact on value.

I have also considered Parcel 4 that sold after the solar farm was approved but before it had been constructed in 2016. The landscaping buffer for this parcel is considered light.

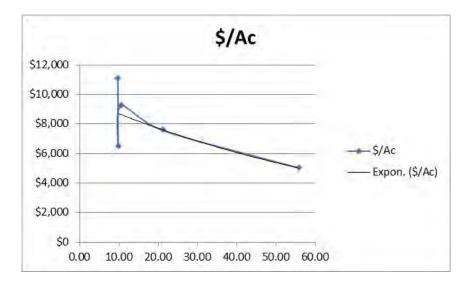
Adjoining	djoining Residential Sales After Solar Farm Approved														
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style O	ther				
Adjoins	242 Mariposa	2.91	9/21/2015	\$180,000	1962	1,880	\$95.74	3/2	Carport	Br/Rnch D	et Wrkshop				
Not	249 Mariposa	0.48	3/1/2019	\$153,000	1974	1,792	\$85.38	4/2	Garage	Br/Rnch					
Not	110 Airport	0.83	5/10/2016	\$166,000	1962	2,165	\$76.67	3/2	Crprt	Br/Rnch					
Not	1249 Blacksnake	5.01	9/20/2018	\$242,500	1980	2,156	\$112.48	3/2	Drive	1.5					

Adjoining	Residential Sale	s After	Solar Farm	Approved	Adjoining	Sales Adjı	ısted						
Solar	Address	Acres	Date Sold	Sales Price	Time	YB	Acres	GLA	BR/BA	Park	Other	Total	% Diff
Adjoins	242 Mariposa	2.91	9/21/2015	\$180,000								\$180,000	
Not	249 Mariposa	0.48	3/1/2019	\$153,000	-\$15,807	-\$12,852	\$18,468	\$7,513		-\$3,000	\$25,000	\$172,322	4%
Not	110 Airport	0.83	5/10/2016	\$166,000	-\$3,165	\$0	\$15,808	-\$28,600			\$25,000	\$175,043	3%
Not	1249 Blacksnake	5.01	9/20/2018	\$242,500	-\$21,825	-\$30,555	-\$15,960	-\$40,942		\$2,000	\$25,000	\$160,218	11%
												Average	6%

The average difference after adjusting for all factors is +6%, which is again suggests a mild increase in value due to the adjoining solar farm use. The median is a 4% adjustment, which is within a standard deviation and suggests no impact on property value.

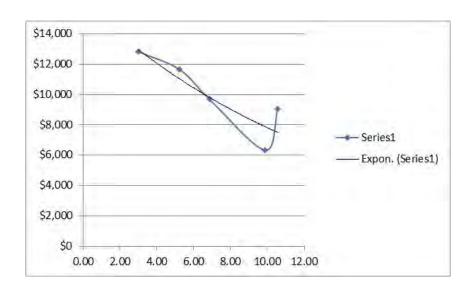
I have also considered the recent sale of Parcel 13 that is located on Blacksnake Road south of the project. I was unable to find good land sales in the same 20-acre range, so I have considered sales of larger and smaller acreage. I adjusted each of those land sales for time. I then applied the price per acre to a trendline to show where the expected price per acre would be for 20 acres. As can be seen in the chart below, this lines up exactly with the purchase of the subject property. I therefore conclude that there is no impact on Parcel 13 due to proximity to the solar farm.

Adjoinin	g Residential Land	i Sales	After Solar	Farm Approv	ved	Adjoining Sa	les Adjusted
Solar	Tax/Street	Acres	Date Sold	Sales Price	\$/Ac	Time	\$/Ac
Adjoins	174339/Blacksnake	21.15	6/29/2018	\$160,000	\$7,565		\$7,565
Not	227852/Abernathy	10.57	5/9/2018	\$97,000	\$9,177	\$38	\$9,215
Not	17443/Legion	9.87	9/7/2018	\$64,000	\$6,484	-\$37	\$6,447
Not	164243/Alexis	9.75	2/1/2019	\$110,000	\$11,282	-\$201	\$11,081
Not	176884/Bowden	55.77	6/13/2018	\$280,000	\$5.021	\$7	\$5.027



Finally, I have considered the recent sale of Parcel 17 that sold as vacant land. I was unable to find good land sales in the same 7 acre range, so I have considered sales of larger and smaller acreage. I adjusted each of those land sales for time. I then applied the price per acre to a trendline to show where the expected price per acre would be for 7 acres. As can be seen in the chart below, this lines up with the trendline running right through the purchase price for the subject property. I therefore conclude that there is no impact on Parcel 13 due to proximity to the solar farm. I note that this property was improved with a 3,196 square foot ranch built in 2018 following the land purchase, which shows that development near the solar farm was unimpeded.

Adjoinin	Adjoining Residential Land Sales After Solar Farm Approved Adjoining Sales Adjusted													
Solar	Tax/Street	Acres	Date Sold	Sales Price	\$/Ac	Time	Location	\$/Ac						
Adjoins	227039/Mariposa	6.86	12/6/2017	\$66,500	\$9,694			\$9,694						
Not	227852/Abernathy	10.57	5/9/2018	\$97,000	\$9,177	-\$116		\$9,061						
Not	17443/Legion	9.87	9/7/2018	\$64,000	\$6,484	-\$147		\$6,338						
Not	177322/Robinson	5.23	5/12/2017	\$66,500	\$12,715	\$217	-\$1,272	\$11,661						
Not	203386/Carousel	2.99	7/13/2018	\$43,500	\$14,548	-\$262	-\$1,455	\$12,832						



10. Matched Pair - Clarke County Solar, Clarke County, VA



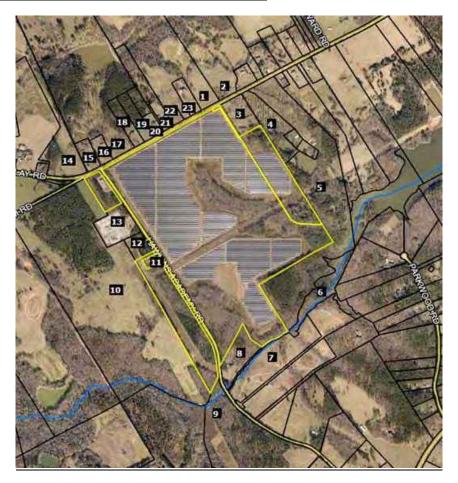
This project is a 20 MW facility located on a 234-acre tract that was built in 2017.

I have considered two recent sales of Parcel 3. The home on this parcel is 1,230 feet from the closest panel as measured in the second map from Google Earth, which shows the solar farm under construction. This home sold in January 2017 for \$295,000 and again in August 2019 for \$385,000. I show each sale below and compare those to similar home sales in each time frame. The significant increase in price between 2017 and 2019 is due to a major kitchen remodel, new roof, and related upgrades as well as improvement in the market in general. The sale and later resale of the home with updates and improvements speaks to pride of ownership and increasing overall value as properties perceived as diminished are less likely to be renovated and sold for profit.

I note that 102 Tilthammer includes a number of barns that I did not attribute any value in the analysis. The market would typically give some value for those barns but even without that adjustment there is an indication of a positive impact on value due to the solar farm. The landscaping buffer from this home is considered light.

Adjoin	ing R	esid	ential	Sales After	r Solar F	arm Approv	ed							
Parcel	Sola	ar	Ad	dress	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
3	Adjoi	ns	833 Na	ations Spr	5.13	8/18/2019	\$385,000	1979	1,392	\$276.58	3/2	Det Gar	Ranch	UnBsmt
	No	t	167	Leslie (5.00	8/19/2020	\$429,000	1980	1,665	\$257.66	3/2	Det2Gar	Ranch	
	No	t	2393 C	old Chapel	2.47	8/10/2020	\$330,000	1974	1,500	\$220.00	3/1.5	Det Gar	Ranch	
	No	t	102 Ti	lthammer	6.70	5/7/2019	\$372,000	1970	1,548	\$240.31	3/1.5	Det Gar	Ranch	UnBsmt
Adjoi	ning	Sal	es Ad	justed								Av	g	
Tin	ıe -	5	Site	ΥB	GLA	BR/BA	Park	Othe	r '	Fotal	% Diff	f % D	iff l	Distance
									\$3	85,000				1230
-\$13,	268			-\$2,145	-\$56,27	72	-\$5,000	\$50,00	00 \$4	02,315	-4%			
-\$9,9	956	\$2	5,000	\$8,250	-\$19,00	08 \$5,000)	\$50.00	00 \$3	89,286	-1%			
\$3,2	29		,	\$16,740	-\$29,99	91 \$5,000)	. ,	\$3	66,978	5%			
40,=				410,	442,22	, , , , , , , ,			40	,,,,,	0,0	0%	6	
Adjoin	ing R	esid	lential	Sales After	r Solar F	arm Approv	ed							
Parcel	Sola	ar		dress	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
3	Adjoi	ns		ations Spr	5.13	1/9/2017	\$295,000	1979	1,392	\$211.93	3/2	Det Gar	Ranch	UnBsmt
	No			l Middle	2.00	12/12/2017	\$249,999	1981	1,584	\$157.83	3/2	Open	Ranch	
	No			Rockland	5.06	1/2/2017	\$300,000	1990	1,688	\$177.73	3/2	2 Gar	2-stor	
	No	t	400 S	Sugar Hill	1.00	6/7/2018	\$180,000	1975	1,008	\$178.57	3/1	Open	Ranch	
Adjoi	ning	Sal	es Ad	justed								Av	g	
Tin	1e	5	Site	YB	GLA	BR/BA	N Park	Othe	r '	Fotal	% Diff	f % D	iff l	Distance
									\$2	95,000				1230
-\$7,1	100	\$2	5,000	-\$2,500	-\$24,24	12	\$5,000	\$50,00	00 \$2	96,157	0%			
\$17	77			-\$16,500	-\$42,08	35	-\$10,000	\$50,00	00 \$2	81,592	5%			
-\$7,7	797			\$3,600	\$54,85		. ,	\$50,00		95,661	0%			
7.,.	-			, - ,	,,	,,	,	, ,		,	,,,	19	6	

11. Matched Pair - Simon Solar, Social Circle, GA



This 30 MW solar farm is located off Hawkins Academy Road and Social Circle Fairplay Road. I identified three adjoining sales to this tract after development of the solar farm. However, one of those is shown as Parcel 12 in the map above and includes a powerline easement encumbering over a third of the 5 acres and adjoins a large substation as well. It would be difficult to isolate those impacts from any potential solar farm impact and therefore I have excluded that sale. I also excluded the recent sale of Parcel 17, which is a farm with conservation restrictions on it that similarly would require a detailed examination of those conservation restrictions in order to see if there was any impact related to the solar farm. I therefore focused on the recent sale of Parcel 7 and the adjoining parcel to the south of that. They are technically not adjoining due to the access road for the flag-shaped lot to the east. Furthermore, there is an apparent access easement serving the two rear lots that encumber these two parcels which is a further limitation on these sales. This analysis assumes that the access easement does not negatively impact the subject property, though it may.

The landscaping buffer relative to this parcel is considered medium.

Adjoining Land Sales After Solar Farm Approved

Parcel	Solar	Address	Acres	Date Sold	Sales Price	\$/AC	Type	Other
7+	Adjoins	4514 Hawkins	36.86	3/31/2016	\$180,000	\$4,883	Pasture	Esmts
	Not	HD Atha	69.95	12/20/2016	\$357,500	\$5,111	Wooded	N/A
	Not	Pannell	66.94	11/8/2016	\$322,851	\$4,823	Mixed	*
	Not	1402 Rov	123.36	9/29/2016	\$479,302	\$3,885	Mixed	**

^{*} Adjoining 1 acre purchased by same buyer in same deed. Allocation assigned on the County Tax Record.

^{**} Dwelling built in 1996 with a 2016 tax assessed value of \$75,800 deducted from sales price to reflect land value

Adjoining Sa	ales Adju	sted				Avg
Time	Size	Туре	Other	Total/Ac	% Diff	% Diff
				\$4,883		
\$89	\$256			\$5,455	-12%	
-\$90	\$241			\$4,974	-2%	
-\$60	\$389			\$4,214	14%	
						0%

The range of impact identified by these matched pairs are -12% to +14%, with an average of 0% impact due to the solar farm. The best matched pair with the least adjustment supports a -2% impact due to the solar farm. I note again that this analysis considers no impact for the existing access easements that meander through this property and it may be having an impact. Still at -2% impact as the best indication for the solar farm, I consider that to be no impact given that market fluctuations support +/- 5%.

12. Matched Pair - Candace Solar, Princeton, NC



This 5 MW solar farm is located at 4839 US 70 Highway just east of Herring Road. This solar farm was completed on October 25, 2016.

I identified three adjoining sales to this tract after development of the solar farm with frontage on US 70. I did not attempt to analyze those sales as they have exposure to an adjacent highway and railroad track. Those homes are therefore problematic for a matched pair analysis unless I have similar homes fronting on a similar corridor.

I did consider a land sale and a home sale on adjoining parcels without those complications.

The lot at 499 Herring Road sold to Paradise Homes of Johnston County of NC, Inc. for \$30,000 in May 2017 and a modular home was placed there and sold to Karen and Jason Toole on September 29, 2017. I considered the lot sale first as shown below and then the home sale that followed. The landscaping buffer relative to this parcel is considered medium.

Adjoin	ing Land	Sales After Sol	Adjoining Sales Adjusted								
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Other	Time	Site	Other	Total	% Diff
16	Adjoins	499 Herring	2.03	5/1/2017	\$30,000					\$30,000	
	Not	37 Becky	0.87	7/23/2019	\$24,500	Sub/Pwr	-\$1,679	\$4,900		\$27,721	8%
	Not	5858 Bizzell	0.88	8/17/2016	\$18,000		\$390	\$3,600		\$21,990	27%
	Not	488 Herring	2.13	12/20/2016	\$35,000		\$389			\$35,389	-18%
										Average	5%

Following the land purchase, the modular home was placed on the site and sold. I have compared this modular home to the following sales to determine if the solar farm had any impact on the purchase price.

Parcel	Solar	Address	Acres	Date So	old Sa	ales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
16	Adjoins	499 Herring	2.03	9/27/20)17	\$215,000	2017	2,356	\$91.26	4/3	Drive	Modular	
	Not	678 WC	6.32	3/8/20	19	\$226,000	1995	1,848	\$122.29	3/2.5	Det Gar	Mobile	Ag bldgs
	Not	1810 Bay V	8.70	3/26/20)18	\$170,000	2003	2,356	\$72.16	3/2	Drive	Mobile	Ag bldgs
	Not	1795 Bay V	1.78	12/1/20)17	\$194,000	2017	1,982	\$97.88	4/3	Drive	Modular	
Adioin					-4-4							A == ~	
Aujoin	ing Reside	ntial Sales Af A	djoining	Sales Adju	stea							Avg	
Parcel	ing Reside Solar Adjoins	ntial Sales Af A Address 499 Herring	Idjoining i Time	Sales Adju Site	YB	GLA	BR/BA	Park	Other	Total \$215,000	% Diff	% Diff	Distance 488
Parcel	Solar	Address 499 Herring	Time	•	YB		BR/BA -\$5,000	Park -\$7,500			% Diff	_	
Parcel	Solar Adjoins	Address 499 Herring	Time -\$10,037	Site	YB \$24,860	\$37,275			-\$20,000	\$215,000		_	
Parcel	Solar Adjoins Not	Address 499 Herring 678 WC	Time -\$10,037	Site -\$25,000 \$	YB \$24,860	\$37,275			-\$20,000	\$215,000 \$220,599	-3%	_	

The best comparable is 1795 Bay Valley as it required the least adjustment and was therefore most similar, which shows a 0% impact. This signifies no impact related to the solar farm.

The range of impact identified by these matched pairs ranges are therefore -3% to +26% with an average of +8% for the home and an average of +4% for the lot, though the best indicator for the lot shows a \$5,000 difference in the lot value due to the proximity to the solar farm or a -12% impact.

13. Matched Pair - Walker-Correctional Solar, Barham Road, Barhamsville, VA





This project was built in 2017 and located on 484.65 acres for a 20 MW with the closest home at 110 feet from the closest solar panel with an average distance of 500 feet.

I considered the recent sale identified on the map above as Parcel 19, which is directly across the street and based on the map shown on the following page is 250 feet from the closest panel. A

limited buffering remains along the road with natural growth being encouraged, but currently the panels are visible from the road. Alex Uminski, SRA with MGMiller Valuations in Richmond VA confirmed this sale with the buying and selling broker. The selling broker indicated that the solar farm was not a negative influence on this sale and in fact the buyer noticed the solar farm and then discovered the listing. The privacy being afforded by the solar farm was considered a benefit by the buyer. I used a matched pair analysis with a similar sale nearby as shown below and found no negative impact on the sales price. Property actually closed for more than the asking price. The landscaping buffer is considered light.

Adioining	Residential	Sales A	fter Solar	Farm	Annroved
Aujoining	Kesidelitiai	Sales A	iter Soiar	rarm	Approveu

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	5241 Barham	2.65	10/18/2018	\$264,000	2007	1,660	\$159.04	3/2	Drive	Ranch	Modular
Not	17950 New Kent	5.00	9/5/2018	\$290,000	1987	1,756	\$165.15	3/2.5	3 Gar	Ranch	
Not	9252 Ordinary	4.00	6/13/2019	\$277,000	2001	1,610	\$172.05	3/2	1.5-Gar	Ranch	
Not	2416 W Miller	1.04	9/24/2018	\$299,000	1999	1,864	\$160.41	3/2.5	Gar	Ranch	

Adjoining	Sales	Adjusted
-----------	-------	----------

Address 5241 Barham	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total \$264,000	% Diff	Dist 250
7950 New Kent		-\$8,000	\$29,000	-\$4,756	-\$5,000	-\$20,000	-\$15,000	\$266,244	-1%	
9252 Ordinary	-\$8,310	-\$8,000	\$8,310	\$2,581		-\$10,000	-\$15,000	\$246,581	7%	
2416 W Miller		\$8,000	\$11,960	-\$9,817	-\$5,000	-\$10,000	-\$15,000	\$279,143	-6%	
	5241 Barham 17950 New Kent 9252 Ordinary	5241 Barham 17950 New Kent 9252 Ordinary -\$8,310	5241 Barham 17950 New Kent -\$8,000 9252 Ordinary -\$8,310 -\$8,000	5241 Barham 17950 New Kent -\$8,000 \$29,000 9252 Ordinary -\$8,310 -\$8,000 \$8,310	5241 Barham 17950 New Kent -\$8,000 \$29,000 -\$4,756 9252 Ordinary -\$8,310 -\$8,000 \$8,310 \$2,581	5241 Barham 17950 New Kent -\$8,000 \$29,000 -\$4,756 -\$5,000 9252 Ordinary -\$8,310 -\$8,000 \$8,310 \$2,581	5241 Barham 17950 New Kent -\$8,000 \$29,000 -\$4,756 -\$5,000 -\$20,000 9252 Ordinary -\$8,310 -\$8,000 \$8,310 \$2,581 -\$10,000	5241 Barham 17950 New Kent -\$8,000 \$29,000 -\$4,756 -\$5,000 -\$20,000 -\$15,000 9252 Ordinary -\$8,310 -\$8,000 \$8,310 \$2,581 -\$10,000 -\$15,000	5241 Barham \$264,000 17950 New Kent -\$8,000 \$29,000 -\$4,756 -\$5,000 -\$20,000 -\$15,000 \$266,244 9252 Ordinary -\$8,310 \$8,310 \$2,581 -\$10,000 -\$15,000 \$246,581	5241 Barham \$264,000 17950 New Kent -\$8,000 \$29,000 -\$4,756 -\$5,000 -\$20,000 -\$15,000 \$266,244 -1% 9252 Ordinary -\$8,310 -\$8,000 \$8,310 \$2,581 -\$10,000 -\$15,000 \$246,581 7%

Average Diff 0%

I also spoke with Patrick W. McCrerey of Virginia Estates who was marketing a property that sold at 5300 Barham Road adjoining the Walker-Correctional Solar Farm. He indicated that this property was unique with a home built in 1882 and heavily renovated and updated on 16.02 acres. The solar farm was through the woods and couldn't be seen by this property and it had no impact on marketing this property. This home sold on April 26, 2017 for \$358,000. I did not set up any matched pairs for this property since it is a unique property that any such comparison would be difficult to rely on. The broker's comments do support the assertion that the adjoining solar farm had no impact on value. The home in this case was 510 feet from the closest panel.





This project was built in 2016 and located on 532 acres for a 78.5 MW solar farm with the closest home at 125 feet from the closest solar panel with an average distance of 423 feet.

I considered the recent sale of a home on Roslin Farm Road just north of Running Fox Road as shown below. This sale supports an indication of no impact on property value. The landscaping buffer is considered light.

Adjoini	ng Residential Sal	les After	Solar Farm	Approved								
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	Distance
Adjoins	6849 Roslin Farm	1.00	2/18/2019	\$155,000	1967	1,610	\$96.27	3/3	Drive	Ranch	Brick	435
Not	6592 Sim Canady	2.43	9/5/2017	\$185,000	1974	2,195	\$84.28	3/2	Gar	Ranch	Brick	
Not	1614 Joe Hall	1.63	9/3/2019	\$145,000	1974	1,674	\$86.62	3/2	Det Gar	Ranch	Brick	
Not	109 Bledsoe	0.68	1/17/2019	\$150,000	1973	1,663	\$90.20	3/2	Gar	Ranch	Brick	
											Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	
Adjoins	6849 Roslin Farm								\$155,000		5%	
Not	6592 Sim Canady	\$8,278		-\$6,475	-\$39,444	\$10,000	-\$5,000		\$152,359	2%		
Not	1614 Joe Hall	-\$2,407		-\$5,075	-\$3,881	\$10,000	-\$2,500		\$141,137	9%		
Not	109 Bledsoe	\$404	\$10,000	-\$4,500	-\$3,346		-\$5,000		\$147,558	5%		
Not Solar Adjoins Not Not	Address 6849 Roslin Farm 6592 Sim Canady 1614 Joe Hall	0.68 Time \$8,278 -\$2,407	1/17/2019 Site	\$150,000 YB -\$6,475 -\$5,075	1973 GLA -\$39,444 -\$3,881	1,663 BR/BA \$10,000	\$90.20 Park -\$5,000 -\$2,500	3/2	Gar Total \$155,000 \$152,359 \$141,137	Ranch % Diff 2% 9%	Brick Avg % Diff	

15. Matched Pair - Innovative Solar 42, County Line Rd, Fayetteville, NC



This project was built in 2017 and located on 413.99 acres for a 71 MW with the closest home at 135 feet from the closest solar panel with an average distance of 375 feet.

I considered the recent sales identified on the map above as Parcels 2 and 3, which is directly across the street these homes are 330 and 340 feet away. Parcel 2 includes an older home built in 1976, while Parcel 3 is a new home built in 2019. So the presence of the solar farm had no impact on new construction in the area.

The matched pairs for each of these are shown below. The landscaping buffer relative to these parcels is considered light.

Adjoini	ng Residential Sa	les Afte	r Solar Far	m Approved								
Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	Distance
Adjoins	2923 County Ln	8.98	2/28/2019	\$385,000	1976	2,905	\$132.53	3/3	2-Car	Ranch	Brick/Pond	340
Not	1928 Shaw Mill	17.00	7/3/2019	\$290,000	1977	3,001	\$96.63	4/4	2-Car	Ranch	Brick/Pond/Renta	1
Not	2109 John McM.	7.78	4/25/2018	\$320,000	1978	2,474	\$129.35	3/2	Det Gar	Ranch	Vinyl/Pool,Stable	
											Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	
Adjoins	2923 County Ln								\$385,000)	3%	
Not	1928 Shaw Mill	-\$3,055	\$100,000	-\$1,450	-\$7,422	-\$10,000)		\$368,074	4%		
Not	2109 John McM.	\$8,333		-\$3,200	\$39,023	\$10,000)	\$5,000	\$379,156	5 2%		
•	ng Residential Sa											
Solar	Address	Acres		Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other	Distance
Adjoins	2935 County Ln	1.19	6/18/2019	\$266,000	2019	2,401	\$110.79	4/3	Gar	2-Story		330
Not	3005 Hemingway	1.17	5/16/2019	\$269,000	2018	2,601	\$103.42	4/3	Gar	2-Story		
Not	7031 Glynn Mill	0.60	5/8/2018	\$255,000	2017	2,423	\$105.24	4/3	Gar	2-Story		
Not	5213 Bree Brdg	0.92	5/7/2019	\$260,000	2018	2,400	\$108.33	4/3	3-Gar	2-Story		
											Avg	
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total \$266,000	% Diff	% Diff 3%	
Adjoins	2935 County Ln										370	
Adjoins Not	2935 County Ln 3005 Hemingway	\$748		\$1,345	-\$16,547				\$254,546	4%	3%	
		\$748 \$8,724		\$1,345 \$2,550	-\$16,547 -\$1,852					4% 1%	3%	

Both of these matched pairs adjust to an average of +3% on impact for the adjoining solar farm, meaning there is a slight positive impact due to proximity to the solar farm. This is within the standard +/- of typical real estate transactions, which strongly suggests no impact on property value. I noted specifically that for 2923 County Line Road, the best comparable is 2109 John McMillan as it does not have the additional rental unit on it. I made no adjustment to the other sale for the value of that rental unit, which would have pushed the impact on that comparable downward – meaning there would have been a more significant positive impact.

16. Matched Pair - Sunfish Farm, Keenebec Rd, Willow Spring, NC



This project was built in 2015 and located on 49.6 acres (with an inset 11.25 acre parcel) for a 6.4 MW project with the closest home at 135 feet with an average distance of 105 feet.

I considered the 2017 sale identified on the map above, which is 205 feet away from the closest panel. The matched pairs for each of these are shown below followed by a more recent map showing the panels at this site. The average difference in the three comparables and the subject property is +3% after adjusting for differences in the sales date, year built, gross living area, and other minor differences. This data is supported by the comments from the broker Brian Schroepfer with Keller Williams that the solar farm had no impact on the purchase price. The landscaping screen is considered light.

Adjoining Residential Sales After Solar Farm Approved

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style
	Adjoins	7513 Glen Willow	0.79	9/1/2017	\$185,000	1989	1,492	\$123.99	3/2	Gar	BR/Rnch
	Not	2968 Tram	0.69	7/17/2017	\$155,000	1984	1,323	\$117.16	3/2	Drive	BR/Rnch
	Not	205 Pine Burr	0.97	12/29/2017	\$191,000	1991	1,593	\$119.90	3/2.5	Drive	BR/Rnch
	Not	1217 Old Honeycutt	1.00	12/15/2017	\$176,000	1978	1,558	\$112.97	3/2.5	2Carprt	VY/Rnch

Adjustn	ients										Avg
Solar	Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff
Adjoins	7513 Glen Willow								\$185,000		
Not	2968 Tram	\$601		\$3,875	\$15,840		\$10,000		\$185,316	0%	
Not	205 Pine Burr	-\$1,915		-\$1,910	-\$9,688	-\$5,000			\$172,487	7%	
Not	1217 Old Honeycut	-\$1,557		\$9,680	-\$5,965	-\$5,000		\$5,280	\$178,438	4%	

17. Matched Pair - Sappony Solar, Sussex County, VA



This project is a 30 MW facility located on a 322.68-acre tract that was built in the fourth quarter of 2017.

I have considered the 2018 sale of Parcel 17 as shown below. This was a 1,900 s.f. manufactured home on a 6.00-acre lot that sold in 2018. I have compared that to three other nearby manufactured homes as shown below. The range of impacts is within typical market variation with an average of -1%, which supports a conclusion of no impact on property value. The landscaping buffer is considered medium.

Adjoin	Adjoining Residential Sales After Solar Farm Approved												
Parcel	Solar	Ad	dress	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Styl	e Other
	Adjoins	12511	Palestine	6.00	7/31/2018	\$128,400	2013	1,900	\$67.58	4/2.5	Open	Manı	af
	Not	15698	Concord	3.92	7/31/2018	\$150,000	2010	2,310	\$64.94	4/2	Open	Manı	af Fence
	Not	2320	9 Sussex	1.03	7/7/2020	\$95,000	2005	1,675	\$56.72	3/2	Det Crpt	Manı	af
	Not	6494	Rocky Br	4.07	11/8/2018	\$100,000	2004	1,405	\$71.17	3/2	Open	Manı	af
Adjoi	ning Sa	les Ad	justed								Av	g	
Tin	ie i	Site	YB	GLA	BR/BA	A Park	Othe	r 1	otal [% Dif	f % D	iff	Distance
								\$1	28,400				1425
\$0)		\$2,250	-\$21,2	99 \$5,000)		\$1	35,951	-6%			
-\$5,€	560 \$1	3,000	\$3,800	\$10,20	9 \$5,000	\$1,500		\$1	22,849	4%			
-\$84	43		\$4,500	\$28,18	35			\$1	31,842	-3%			
											-19	%	

18. Matched Pair - Camden Dam, Camden, NC



This 5 MW project was built in 2019 and located on a portion of 49.83 acres.

Parcel 1 noted above along with the home on the adjoining parcel to the north of that parcel sold in late 2018 after this solar farm was approved but prior to construction being completed in 2019. I have considered this sale as shown below. The landscaping screen is considered light.

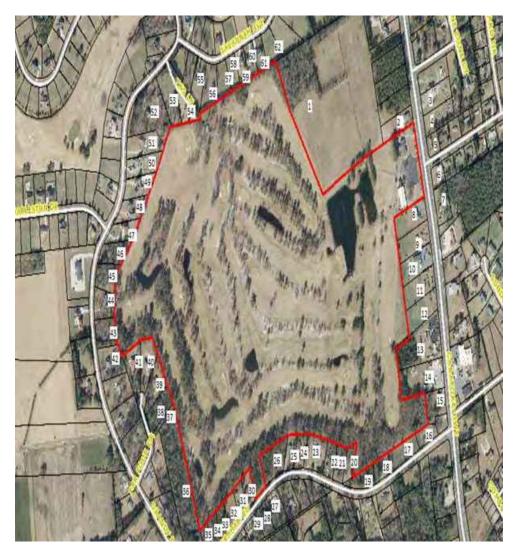
The comparable at 548 Trotman is the most similar and required the least adjustment shows no impact on property value. The other two comparables were adjusted consistently with one showing significant enhancement and another as showing a mild negative. The best indication is the one requiring the least adjustment. The other two sales required significant site adjustments which make them less reliable. The best comparable and the average of these comparables support a finding of no impact on property value.

Adjoining Residential Sales After Solar Farm Approved

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
Adjoins	122 N Mill Dam	12.19	11/29/2018	\$350,000	2005	2,334	\$149.96	3/3.5	3-Gar	Ranch	
Not	548 Trotman	12.10	5/31/2018	\$309,000	2007	1,960	\$157.65	4/2	Det2G	Ranch	Wrkshp
Not	198 Sand Hills	2.00	12/22/2017	\$235,000	2007	2,324	\$101.12	4/3	Open	Ranch	
Not	140 Sleepy Hlw	2.05	8/12/2019	\$330,000	2010	2,643	\$124.86	4/3	1-Gar	1.5 Story	

Adjoining Sales	Avg										
Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
122 N Mill Dam								\$350,000			342
548 Trotman	\$6,163		-\$3,090	\$35,377	\$5,000			\$352,450	-1%		
198 Sand Hills	\$8,808	\$45,000	-\$2,350	\$607		\$30,000		\$317,064	9%		
140 Sleepy Hlw	-\$9,258	\$45,000	-\$8,250	-\$23,149	\$5,000	\$30,000		\$369,343	-6%		
										1%	

19. Matched Pair - Grandy Solar, Grandy, NC



This 20 MW project was built in 2019 and located on a portion of 121 acres.

Parcels 40 and 50 have sold since construction began on this solar farm. I have considered both in matched pair analysis below. I note that the marketing for Parcel 40 (120 Par Four) identified the lack of homes behind the house as a feature in the listing. The marketing for Parcel 50 (269 Grandy) identified the property as "very private." Landscaping for both of these parcels is considered light.

Adjoining Residential Sales After Solar Farm Approved														
Solar	Add	ress	Acres	Date Solo	Sales I	Price E	Built	GBA	\$/G	LA BR/	BA Pa	ark St	yle	Other
Adjoins	120 Pa	ar Four	0.92	8/17/2019	\$315,	000 2	2006	2,188	\$143	.97 4/	3 2-	Gar 1.5	Story	Pool
Not	102 T	`eague	0.69	1/5/2020	\$300,	000 2	2005	2,177	\$137	.80 3/	2 De	t 3G Ra	ınch	
Not	112 Me	adow Lk	0.92	2/28/2019	\$265,	000	1992	2,301	\$115	.17 3/	2 G	ar 1.5	Story	
Not	116 Ba	arefoot	0.78	9/29/2020	\$290,	000 2	2004	2,192	\$132	.30 4/	3 2-	Gar 2 S	Story	
Adjoinin	g Sales	Adjuste	d									Avg		
Addr	ess	Time	Site	YB	GLA	BR/B	A 1	Park	Other	Total	% Dif	f % Dif	f Di	stance
120 Par	r Four									\$315,000				405
102 Te	ague	-\$4,636		\$1,500	\$910	\$10,00	0		\$20,000	\$327,774	-4%			
112 Mea	dow Lk	\$4,937		\$18,550	-\$7,808	\$10,00	0 \$3	10,000	\$20,000	\$320,679	-2%			
116 Bar	refoot	-\$12,998		\$2,900	-\$318				\$20,000	\$299,584	5%			
												0%		

Adjoining	Reside	ntial Sale	es After (Solar Farm	Approve	1							
Solar	Add	ress	Acres	Date Sol	d Sales I	Price	Buil	t GBA	\$/G	LA BR/	BA Park	s Styl	e Other
Adjoins	269 G	randy	0.78	5/7/2019	\$275,	000	2019	9 1,53	5 \$179	.15 3/2	.5 2-Ga	r Ranc	:h
Not	307 G	randy	1.04	10/8/201	8 \$240,	000	2002	2 1,63	4 \$146	.88 3/	2 Gar	1.5 Ste	ory
Not	103 B	ranch	0.95	4/22/202	0 \$230,	000	2000	1,53	2 \$150	.13 4/	2 2-Ga	r 1.5 Ste	ory
Not	103 Sp	oring Lf	1.07	8/14/201	8 \$270,	000	2002	2 1,63	5 \$165	.14 3/	2 2-Ga	r Ranc	h Pool
Adjoinin	g Sales	Adjuste	d									Avg	
Addre	ess	Time	Site	YB	GLA	BR/	BA	Park	Other	Total	% Diff	% Diff	Distance
269 Gra	andy									\$275,000			477
307 Gra	andy	\$5,550		\$20,400	-\$8,725	\$5,0	000	\$10,000		\$272,225	1%		
103 Bra	ınch	-\$8,847		\$21,850	\$270					\$243,273	12%		
103 Spri	ng Lf	\$7,871		\$22,950	-\$9,908	\$5,0	000		-\$20,000	\$275,912	0%		
•	Ü	•			•					,		4%	

Both of these matched pairs support a finding of no impact on value. This is reinforced by the listings for both properties identifying the privacy due to no housing in the rear of the property as part of the marketing for these homes.

20. Matched Pair - Champion Solar, Lexington County, SC



This project is a 10 MW facility located on a 366.04-acre tract that was built in 2017.

I have considered the 2020 sale of an adjoining home located off 517 Old Charleston Road. Landscaping is considered light.

Adiaining	Docidontial	Salas Afta	- Color Form	Annuarrad
Aujoining	Residential	Sales Alle	r Solar Farii	i Approveu

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	517 Old Charleston	11.05	8/25/2020	\$110,000	1962	925	\$118.92	3/1	Crport	Br Rnch	
Not	133 Buena Vista	2.65	6/21/2020	\$115,000	1979	1,104	\$104.17	2/2	Crport	Br Rnch	
Not	214 Crystal Spr	2.13	6/10/2019	\$102,500	1970	1,025	\$100.00	3/2	Crport	Rnch	
Not	1429 Laurel	2.10	2/21/2019	\$126,000	1960	1,250	\$100.80	2/1.5	Open	Br Rnch	3 Gar/Brn

Adjoining Sales Adj		Avg									
Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
517 Old Charleston								\$110,000			505
133 Buena Vista	\$410	\$17,000	-\$9,775	-\$14,917	-\$10,000			\$97,718	11%		
214 Crystal Spr	\$2,482	\$18,000	-\$4,100	-\$8,000	-\$10,000		\$10,000	\$110,882	-1%		
1429 Laurel	\$3,804	\$18,000	\$1,260	-\$26,208	-\$5,000	\$5,000	-\$15,000	\$107,856	2%		

4%



21. Matched Pair - Barefoot Bay Solar Farm, Barefoot Bay, FL

This project is located on 504 acres for a 704.5 MW facility. Most of the adjoining uses are medium density residential with some lower density agricultural uses to the southwest. This project was built in 2018. There is a new subdivision under development to the west.

I have considered a number of recent home sales from the Barefoot Bay Golf Course in the Barefoot Bay Recreation District. There are a number of sales of these mobile/manufactured homes along the eastern boundary and the lower northern boundary. I have compared those home sales to other similar homes in the same community but without the exposure to the solar farm. Staying within the same community keeps location and amenity impacts consistent. I did avoid any comparison with home sales with golf course or lakefront views as that would introduce another variable.

The six manufactured/double wide homes shown below were each compared to three similar homes in the same community and are consistently showing no impact on the adjoining property values. Based on the photos from the listings, there is limited but some visibility of the solar farm to the east, but the canal and landscaping between are providing a good visual buffer and actually are commanding a premium over the non-canal homes.

Landscaping for these adjoining homes is considered light, though photographs from the listings show that those homes on Papaya that adjoin the solar farm from east/west have no visibility of the solar farm and is effectively medium density due to the height differential. The homes that adjoin the solar farm from north/south along Papaya have some filtered view of the solar farm through the trees.

Adioit	ning Resid	lential Sales	After So	lar Farm A	nnroved							
-	Solar	Address		_	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
14	Adjoins	465 Papaya C		7/21/2019	\$155,000	1993	1,104	\$140.40	2/2	Drive	Manuf	Canal
	Not	1108 Navajo	0.14	2/27/2019	\$129,000	1984	1,220	\$105.74	2/2	Crprt	Manuf	Canal
	Not	1007 Barefoot	t 0.11	9/3/2020	\$168,000	2005	1,052	\$159.70	2/2	Crprt	Manuf	Canal
	Not	1132 Waterwa	y 0.11	7/10/2020	\$129,000	1982	1,012	\$127.47	2/2	Crprt	Manuf	Canal
A 4!-!.	0 - 1										A	
-	_	Adjusted	VD	CT A	DD/DA I)I-	Other	T-4	_1 (o/ D:cc	Avg	Distance
	ddress Papaya Cr	Time	YB	GLA	BR/BA I	Park	Other	Tota \$155,		% Diff	% Diff	Distance 765
	8 Navajo	\$1,565	\$5,805	-\$9,812				\$126,		18%		700
	Barefoot		-\$10,080					\$158,		-2%		
	Waterway		\$7,095	\$9,382				\$141,		9%		
		, -,	, ,	1-7				. ,			8%	
Adjoir	ning Resid	lential Sales	After So	lar Farm A _l	pproved							
	Solar	Address			Sales Price		GBA	\$/GLA	-		Style	Other
19	Adjoins	455 Papaya	0.12	9/1/2020	\$183,500	2005	1,620	\$113.27	3/2	Crprt	Manuf	Canal
	Not	938 Waterway		2/12/2020	\$160,000	1986	1,705	\$93.84	2/2	Crprt	Manuf	Canal
	Not	719 Barefoot		4/14/2020	\$150,000	1996	1,635	\$91.74	3/2	Crprt	Manuf	Canal
	Not	904 Fir	0.17	9/27/2020	\$192,500	2010	1,626	\$118.39	3/2	Crprt	Manuf	Canal
Adioit	ning Sales	Adjusted									Avg	
-	ddress	Time	YB	GLA	BR/BA I	Park	Other	Tota	al '	% Diff	% Diff	Distance
	Papaya						0 01101	\$183,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	750
	Waterway	\$2,724	\$15,200	-\$6,381				\$171,		7%		
719	Barefoot	\$1,770	\$6,750	-\$1,101				\$157,		14%		
9	04 Fir	-\$422	-\$4,813	-\$568				\$186,	697	-2%		
											6%	
Adjoir	ning Resid	lential Sales	After So	lar Farm A _l	pproved							
Parcel	ning Resid	lential Sales Address			Sales Price	Built	GBA	\$/GLA	BR/BA		Style	Other
•	Solar Adjoins	Address 419 Papaya	Acres 0.09	Date Sold 7/16/2019	Sales Price \$127,500	1986	1,303	\$97.85	2/2	Crprt	Manuf	Green
Parcel	Adjoins Not	Address 419 Papaya 865 Tamarind	Acres 0.09 0.12	Date Sold 7/16/2019 2/4/2019	Sales Price \$127,500 \$133,900	1986 1995	1,303 1,368	\$97.85 \$97.88	2/2 2/2	Crprt Crprt	Manuf Manuf	
Parcel	Adjoins Not Not	Address 419 Papaya 865 Tamarind 501 Papaya	Acres 0.09 1 0.12 0.10	Date Sold 7/16/2019 2/4/2019 6/15/2018	\$127,500 \$133,900 \$109,000	1986 1995 1986	1,303 1,368 1,234	\$97.85 \$97.88 \$88.33	2/2 2/2 2/2	Crprt Crprt Crprt	Manuf Manuf Manuf	Green
Parcel	Adjoins Not	Address 419 Papaya 865 Tamarind	Acres 0.09 0.12	Date Sold 7/16/2019 2/4/2019	Sales Price \$127,500 \$133,900	1986 1995	1,303 1,368	\$97.85 \$97.88	2/2 2/2	Crprt Crprt	Manuf Manuf	Green
Parcel 37	Adjoins Not Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya	Acres 0.09 1 0.12 0.10	Date Sold 7/16/2019 2/4/2019 6/15/2018	\$127,500 \$133,900 \$109,000	1986 1995 1986	1,303 1,368 1,234	\$97.85 \$97.88 \$88.33	2/2 2/2 2/2	Crprt Crprt Crprt	Manuf Manuf Manuf Manuf	Green
Parcel 37	Adjoins Not Not Not	Address 419 Papaya 865 Tamarind 501 Papaya	Acres 0.09 1 0.12 0.10	Date Sold 7/16/2019 2/4/2019 6/15/2018	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986	1,303 1,368 1,234	\$97.85 \$97.88 \$88.33	2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt	Manuf Manuf Manuf	Green Green
Parcel 37 Adjoin	Adjoins Not Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya	0.09 0.12 0.10 0.09	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248	\$97.85 \$97.88 \$88.33 \$88.14	2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf	Green Green
Parcel 37 Adjoin Ac 419	Adjoins Not Not Not Not Not ddress	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya	0.09 0.12 0.10 0.09	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248	\$97.85 \$97.88 \$88.33 \$88.14	2/2 2/2 2/2 2/2 2/2 3/2	Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf	Green Green Distance
Adjoin Ad 419 865	Adjoins Not Not Not Not Print Sales Address Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya s Adjusted Time	Acres 0.09 1 0.12 0.10 0.09	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248	\$97.85 \$97.88 \$88.33 \$88.14 Tota	2/2 2/2 2/2 2/2 2/2 31 500 613	Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf	Green Green Distance
Parcel 37 Adjoin A6 419 865 501	Adjoins Not Not Not Not Adjoins Not Not Taning Sales Address Papaya Tamarind	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya s Adjusted Time \$1,828	0.09 0.12 0.10 0.09 YB	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248 Other	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124,	2/2 2/2 2/2 2/2 2/2 31 500 613 513	Crprt Crprt Crprt Crprt Crprt Crpft 2%	Manuf Manuf Manuf Manuf	Green Green Distance
Parcel 37 Adjoin A6 419 865 501	Adjoins Not Not Not Papaya Tamarind Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637	0.09 0.12 0.10 0.09 YB -\$6,026 \$0	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248 Other \$5,000	\$97.85 \$97.88 \$88.33 \$88.14 Tot: \$127, \$124, \$122,	2/2 2/2 2/2 2/2 2/2 31 500 613 513	Crprt Crprt Crprt Crprt Crprt **Diff* 2% 4%	Manuf Manuf Manuf Manuf	Green Green Distance
Parcel 37 Adjoin A6 419 865 501	Adjoins Not Not Not Papaya Tamarind Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637	0.09 0.12 0.10 0.09 YB -\$6,026 \$0	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248 Other \$5,000	\$97.85 \$97.88 \$88.33 \$88.14 Tot: \$127, \$124, \$122,	2/2 2/2 2/2 2/2 2/2 31 500 613 513	Crprt Crprt Crprt Crprt Crprt **Diff* 2% 4%	Manuf Manuf Manuf Manuf Avg % Diff	Green Green Distance
Parcel 37 Adjoin A(419 865 501 418	Adjoins Not Not Not Not Papaya Tamarind Papaya Papaya Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000	1986 1995 1986 1987	1,303 1,368 1,234 1,248 Other \$5,000	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$112, \$117,	2/2 2/2 2/2 2/2 2/2 5500 613 513 930	Crprt Crprt Crprt Crprt Crprt % Diff 2% 4% 8%	Manuf Manuf Manuf Manuf Avg % Diff	Green Green Distance 690
Adjoin Adjoin 419 865 501 418 Adjoin Parcel	Adjoins Not Not Not Not Papaya Tamarind Papaya Papaya Papaya Papaya Tamarind Papaya Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399	**Acres 0.09	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA I	1986 1995 1986 1987 Park	1,303 1,368 1,234 1,248 Other \$5,000	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117,	2/2 2/2 2/2 2/2 2/2 5500 613 513 930	Crprt Crprt Crprt Crprt % Diff 2% 4% 8%	Manuf Manuf Manuf Manuf Avg % Diff	Green Green Distance 690 Other
Parcel 37 Adjoin A(419 865 501 418	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Papaya Tamarind Sales Rotar Adjoins	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 dential Sales Address 413 Papaya	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Aj Date Sold 7/16/2020	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA I	1986 1995 1986 1987 Park Built 2001	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117,	2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5%	Green Green Distance 690 Other Grn/Upd
Adjoin Adjoin 419 865 501 418 Adjoin Parcel	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Papaya Adjoins Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 dential Sales Address 413 Papaya 341 Loquat	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 \$BR/BA B Proved \$ales Price \$130,000 \$118,000	1986 1995 1986 1987 Park Built 2001 1985	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31	2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd
Adjoin Adjoin 419 865 501 418 Adjoin Parcel	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Tamarind Papaya Sales Solar Adjoins Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 Iential Sales Address 413 Papaya 341 Loquat 1119 Pocatella	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 \$BR/BA B Price \$130,000 \$118,000 \$120,000	1986 1995 1986 1987 Park Built 2001 1985 1993	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$141.61 \$119.31 \$120.12	2/2 2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930 8R/BA 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green
Adjoin Adjoin 419 865 501 418 Adjoin Parcel	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Papaya Adjoins Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 dential Sales Address 413 Papaya 341 Loquat	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 \$BR/BA B Proved \$ales Price \$130,000 \$118,000	1986 1995 1986 1987 Park Built 2001 1985	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31	2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd
Adjoin Adjoin 419 865 501 418 Adjoin Parcel	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Tamarind Papaya Sales Solar Adjoins Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 Iential Sales Address 413 Papaya 341 Loquat 1119 Pocatella	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 \$BR/BA B Price \$130,000 \$118,000 \$120,000	1986 1995 1986 1987 Park Built 2001 1985 1993	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$141.61 \$119.31 \$120.12	2/2 2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930 8R/BA 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green
Parcel 37 Adjoin A4 419 865 501 418 Adjoin Parcel 39	Adjoins Not Not Not Not Not Adjoins Not Not Adjoins Adjoins Adjoins Not Not Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021	\$ales Price \$127,500 \$133,900 \$109,000 \$110,000 \$BR/BA B Price \$130,000 \$118,000 \$120,000	1986 1995 1986 1987 Park Built 2001 1985 1993	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$141.61 \$119.31 \$120.12	2/2 2/2 2/2 2/2 2/2 2/2 2/2 8al 5500 613 513 930 8R/BA 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green
Adjoin Adjoin Adjoin Adjoin Parcel 39	Adjoins Not Not Not Not Not Adjoins Not Not Adjoins Adjoins Adjoins Not Not Not Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya s Adjusted Time \$1,828 \$3,637 -\$399 Iential Sales Address 413 Papaya 341 Loquat 1119 Pocatella	**************************************	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$141.61 \$119.31 \$120.12	2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green
Adjoin Adjoin Adjoin Adjoin Parcel 39	Adjoins Not Not Not Not Not Adjoins Not Not Adjoins Adjoins Adjoins Not Not Not Not Adjoins Not Not Not Adjoing Sales Adjoins Not Not Not Adjoing Sales Adjoing Sales Adjoing Sales	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot	**Acres	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021 1/12/2021	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993 1987	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999 902	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31 \$120.12 \$144.68	2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green Green/Upd
Adjoin	Adjoins Not Not Not Not Not Papaya Tamarind Papaya Papaya Papaya Adjoins Not	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot	**Acres	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021 1/12/2021	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993 1987	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999 902	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31 \$120.12 \$144.68	2/2 2/2 2/2 2/2 2/2 2/2 2/2 3/30 BR/BA 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt Crprt Crprt Crprt Crprt Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green Green/Upd
Parcel 37 Adjoin A419 865 501 418 Adjoin Parcel 39	Adjoins Not Not Not Not Not Not Adjoins Not Adjoins Adjoins Papaya Papaya Adjoins Not Not Not Not Not Adjoins Not Not Not Not Not Papaya Adjoins Not Not Not Not Papaya Adjoins Not Not Not Not Not Papaya	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot 5 Adjusted Time	**Acres** 0.09 1	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021 1/12/2021 GLA	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993 1987	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999 902	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31 \$120.12 \$144.68	2/2 2/2 2/2 2/2 2/2 2/2 2/2 3/30 BR/BA 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green Green/Upd
Parcel 37 Adjoin A419 865 501 418 Adjoin Parcel 39 Adjoin A413 341 1119	Adjoins Not Not Not Not Not Not Adjoins Not Not Adjoins Papaya Tamarind Papaya Papaya Adjoins Not Not Not Not Not Not Loquat	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot 5 Adjusted Time \$1,631	**Acres** 0.09 1	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021 1/12/2021 GLA -\$6,777	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993 1987	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999 902	\$97.85 \$97.88 \$88.33 \$88.14 Tot: \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31 \$120.12 \$144.68	2/2 2/2 2/2 2/2 2/2 2/2 2/2 3/30 8R/BA 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt	Manuf Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green Green/Upd
Parcel 37 Adjoin A49 865 501 418 Adjoin Parcel 39 Adjoin A413 341 1119	Adjoins Not Not Not Not Not Adjoins Not Not Adjoins Adjoins Papaya Papaya Papaya Adjoins Not Not Not Not Not Not Not Adjoins Papaya Adjoins Not Not Not Not Not Not Papaya Adjoins Adjoins Papaya Adjoins	Address 419 Papaya 865 Tamarind 501 Papaya 418 Papaya 418 Papaya 5 Adjusted Time \$1,828 \$3,637 -\$399 Sential Sales Address 413 Papaya 341 Loquat 1119 Pocatella 1367 Barefoot 5 Adjusted Time \$1,631 -\$1,749	**Acres	Date Sold 7/16/2019 2/4/2019 6/15/2018 8/28/2019 GLA -\$5,090 \$4,876 \$3,878 lar Farm Ap Date Sold 7/16/2020 2/3/2020 1/5/2021 1/12/2021 GLA -\$6,777 -\$7,784	Sales Price \$127,500 \$133,900 \$109,000 \$110,000 BR/BA FOR PRICE \$130,000 \$118,000 \$120,000 \$130,500	1986 1995 1986 1987 Park Built 2001 1985 1993 1987	1,303 1,368 1,234 1,248 Other \$5,000 \$5,000 GBA 918 989 999 902	\$97.85 \$97.88 \$88.33 \$88.14 Tota \$127, \$124, \$122, \$117, \$141.61 \$141.61 \$119.31 \$120.12 \$144.68	2/2 2/2 2/2 2/2 2/2 2/2 2/2 3/30 8R/BA 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2	Crprt Crprt Crprt Crprt % Diff 2% 4% 8% Park Crprt	Manuf Manuf Manuf Manuf Avg % Diff 5% Style Manuf Manuf Manuf Manuf	Green Green Distance 690 Other Grn/Upd Full Upd Green Green/Upd

Adjoir	Adjoining Residential Sales After Solar Farm Approved													
Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other		
48	Adjoins	343 Papaya	0.09	12/17/2019	\$145,000	1986	1,508	\$96.15	3/2	Crprt	Manuf	Gn/Fc/Upd		
	Not	865 Tamarind	0.12	2/4/2019	\$133,900	1995	1,368	\$97.88	2/2	Crprt	Manuf	Green		
	Not	515 Papaya	0.09	3/22/2018	\$145,000	2005	1,376	\$105.38	3/2	Crprt	Manuf	Green		
	Not	849 Tamarind	0.15	6/26/2019	\$155,000	1997	1,716	\$90.33	3/2	Crprt	Manuf	Grn/Fnce		
Adjoir	Adjoining Sales Adjusted Avg Address Time YB GLA BR/BA Park Other Total % Diff % Diff Distance													
Ac	idress	Time	YB	GLA	BR/BA	Park	Other	Tota	al 9	6 Diff	% Diff	Distance		
343	Papaya							\$145,	000			690		
865 ′	Famarind	\$3,566	-\$6,026	\$10,963				\$142,	403	2%				
515	Papaya	\$7,759	\$13,775	\$11,128				\$150,	112	-4%				
849 ′	Famarind	\$2,273	-\$8,525	-\$15,030			\$5,000	\$138,	717	4%				
											1%			
Adioir	ing Resid	dential Sales	After So	lar Farm Ar	nroved									
•	Solar	Address		-	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other		
52	Nearby	335 Papaya	0.09	4/17/2018	\$110,000	1987	1,180	\$93.22	2/2	Crprt	Manuf	Green		
	Not	865 Tamarind	0.12	2/4/2019	\$133,900	1995	1,368	\$97.88	2/2	Crprt	Manuf	Green		
	Not	501 Papaya	0.10	6/15/2018	\$109,000	1986	1,234	\$88.33	2/2	Crprt	Manuf			
	Not	604 Puffin	0.09	10/23/2018	\$110,000	1988	1,320	\$83.33	2/2	Crprt	Manuf			
Adjoir	ning Sales	s Adjusted									Avg			
Ac	ldress	Time	YB	GLA	BR/BA	Park	Other	Tota	al %	6 Diff	% Diff	Distance		
335	Papaya							\$110,	000			710		
865 ′	Tamarind	-\$3,306	-\$5,356	-\$14,721			\$0	\$110,	517	0%				
501	Papaya	-\$542	\$545	-\$3,816			\$5,000	\$110,	187	0%				
	1 Puffin	-\$1,752	-\$550	-\$9,333			\$5,000	\$103,	365	6%				
											2%			

I also identified a new subdivision being developed just to the west of this solar farm called The Lakes at Sebastian Preserve. These are all canal-lot homes that are being built with homes starting at \$271,000 based on the website and closed sales showing up to \$342,000. According to Monique, the onsite broker with Holiday Builders, the solar farm is difficult to see from the lots that back up to that area and she does not anticipate any difficulty in selling those future homes or lots or any impact on the sales price. The closest home that will be built in this development will be approximately 340 feet from the nearest panel.

Based on the closed home prices in Barefoot Bay as well as the broker comments and activity at The Lakes at Sebastian Preserve, the data around this solar farm strongly indicates no negative impact on property value.

22. Matched Pair - Miami-Dade Solar Farm, Miami, FL



This project is located on 346.80 acres for a 74.5 MW facility. All of the adjoining uses are agricultural and residential. This project was built in 2019.

I considered the recent sale of Parcel 26 to the south that sold for over \$1.6 million dollars. This home is located on 4.2 acres with additional value in the palm trees according to the listing. The comparables include similar homes nearby that are all actually on larger lots and several include avocado or palm tree income as well. All of the comparables are in similar proximity to the subject and all have similar proximity to the Miami-Dade Executive airport that is located 2.5 miles to the east.

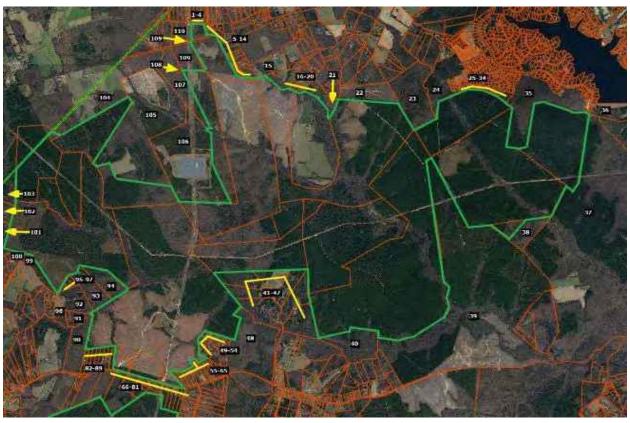
These sales are showing no impact on the value of the property from the adjoining solar farm. The landscaping is considered light.

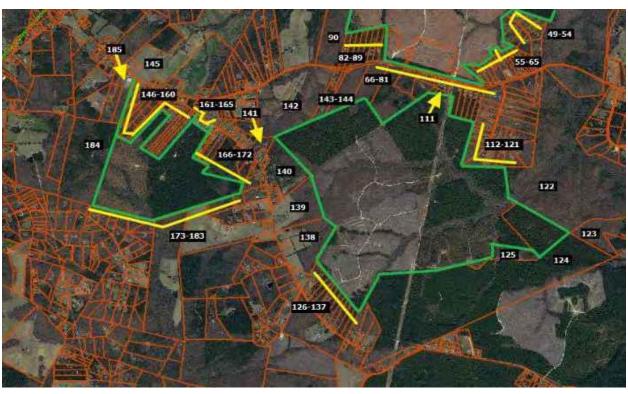
Adjoining Residential Sales After Solar Farm Approved

Parcel	Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GLA	BR/BA	Park	Style	Other
26	Adjoins	13600 SW 182nd	4.20	11/5/2020	\$1,684,000	2008	6,427	\$262.02	5/5.5	3 Gar	CBS Rnch I	Pl/Guest
	Not	18090 SW 158th	5.73	10/8/2020	\$1,050,000	1997	3,792	\$276.90	5/4	3 Gar	CBS Rnch	
	Not	14311 SW 187th	4.70	10/22/2020	\$1,100,000	2005	3,821	\$287.88	6/5	3 Gar	CBS Rnch	Pool
	Not	17950 SW 158th	6.21	10/22/2020	\$1,730,000	2000	6,917	\$250.11	6/5.5	2 Gar	CBS Rnch	Pool

Adjoining Sales Adjusted Avg											
Address	Time	Site	YB	GLA	BR/BA	Park	Other	Total	% Diff	% Diff	Distance
13600 SW 182nd								\$1,684,000			1390
18090 SW 158th	\$2,478		\$57,750	\$583,703	\$30,000			\$1,723,930	-2%		
14311 SW 187th	\$1,298		\$16,500	\$600,178	\$10,000			\$1,727,976	-3%		
17950 SW 158th	\$2,041		\$69,200	-\$98,043		\$10,000		\$1,713,199	-2%		
										-2%	

23. Matched Pair - Spotsylvania Solar, Paytes, VA





This solar farm is being built in four phases with the area known as Site C having completed construction in November 2020 after the entire project was approved in April 2019. Site C, also known as Pleinmont 1 Solar, includes 99.6 MW located in the southeast corner of the project and shown on the maps above with adjoining parcels 111 through 144. The entire Spotsylvania project totals 617 MW on 3500 acres out of a parent tract assemblage of 6,412 acres.

I have identified three adjoining home sales that occurred during construction and development of the site in 2020.

The first is located on the north side of Site A on Orange Plank Road. The second is located on Nottoway Lane just north of Caparthin Road on the south side of Site A and east of Site C. The third is located on Post Oak Road for a home that backs up to Site C that sold in September 2020 near the completion of construction for Site C.

Spotsylvania Solar Farm

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	12901 Orng Plnk	5.20	8/27/2020	\$319,900	1984	1,714	\$186.64	3/2	Drive	1.5	Un Bsmt
Not	8353 Gold Dale	3.00	1/27/2021	\$415,000	2004	2,064	\$201.07	3/2	3 Gar	Ranch	
Not	6488 Southfork	7.26	9/9/2020	\$375,000	2017	1,680	\$223.21	3/2	2 Gar	1.5	Barn/Patio
Not	12717 Flintlock	0.47	12/2/2020	\$290,000	1990	1.592	\$182.16	3/2.5	Det Gar	Ranch	

Adjoinir	ng Sale	es Adjusted
Addı	ress	Time

Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist
12901 Orng Plnk								\$319,900		1270
8353 Gold Dale	-\$5,219	\$20,000	-\$41,500	-\$56,298		-\$20,000		\$311,983	2%	
6488 Southfork	-\$401	-\$20,000	-\$61,875	\$6,071		-\$15,000		\$283,796	11%	
12717 Flintlock	-\$2,312	\$40,000	-\$8,700	\$17,779	-\$5,000	-\$5,000		\$326,767	-2%	

Average Diff 4%

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	9641 Nottoway	11.00	5/12/2020	\$449,900	2004	3,186	\$141.21	4/2.5	Garage	2-Story	Un Bsmt
Not	26123 Lafayette	1.00	8/3/2020	\$390,000	2006	3,142	\$124.12	3/3.5	Gar/DtG	2-Story	
Not	11626 Forest	5.00	8/10/2020	\$489,900	2017	3,350	\$146.24	4/3.5	2 Gar	2-Story	
Not	10304 Pny Brach	6.00	7/27/2020	\$485,000	1008	3.076	\$157.67	4/4	2Gar/Dt2	Ranch	En Remt

Adjoining Sales Adjusted

Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist	
9641 Nottoway								\$449,900		1950	
26123 Lafayette	-\$2,661	\$45,000	-\$3,900	\$4,369	-\$10,000	-\$5,000		\$417,809	7%		
11626 Forest	-\$3,624		-\$31,844	-\$19,187		-\$5,000		\$430,246	4%		
10304 Pny Brnch	-\$3,030		\$14,550	\$13,875	-\$15,000	-\$15,000	-\$10,000	\$470,396	-5%		

Average Diff 2%

Solar	Address	Acres	Date Sold	Sales Price	Built	GBA	\$/GBA	BR/BA	Park	Style	Other
Adjoins	13353 Post Oak	5.20	9/21/2020	\$300,000	1992	2,400	\$125.00	4/3	Drive	2-Story	Fn Bsmt
Not	9609 Logan Hgt	5.86	7/4/2019	\$330,000	2004	2,352	\$140.31	3/2	2Gar	2-Story	
Not	12810 Catharpian	6.18	1/30/2020	\$280,000	2008	2,240	\$125.00	4/2.5	Drive	2-Story B	smt/Nd Pnt
Not	10725 Rbrt Lee	5.01	10/26/2020	\$295,000	1995	2,166	\$136.20	4/3	Gar	2-Story	Fn Bsmt

Adjoining Sales A	djusted									
Address	Time	Ac/Loc	YB	GLA	BR/BA	Park	Other	Total	% Diff	Dist
13353 Post Oak								\$300,000		1171
9609 Logan Hgt	\$12,070		-\$19,800	\$5,388		-\$15,000	\$15,000	\$327,658	-9%	
12810 Catharpian	\$5,408		-\$22,400	\$16,000	\$5,000		\$15,000	\$299,008	0%	
10725 Rbrt Lee	-\$849		-\$4,425	\$25,496		-\$10,000		\$305,222	-2%	
							Ave	rage Diff	-4%	

All three of these homes are well set back from the solar panels at distances over 1,000 feet and are well screened from the project. All three show no indication of any impact on property value.

Conclusion - SouthEast Over 5 MW

Sou	theast USA Ov	er 5 MW												
Mat	ched Pair Sum	ımary				Adj. Uses By Acreage					1 mile			
						Topo						Med.	Avg. Housing	Veg.
	Name	City	State	Acres	$\mathbf{M}\mathbf{W}$	Shift	Res	Ag	Ag/Res	Com/Ind	Pop.	Income	Unit	Buffer
1	AM Best	Goldsboro	NC	38	5.00	2	38%	0%	23%	39%	1,523	\$37,358	\$148,375	Light
2	Mulberry	Selmer	TN	160	5.00	60	13%	73%	10%	3%	467	\$40,936	\$171,746	Lt to Med
3	Leonard	Hughesville	MD	47	5.00	20	18%	75%	0%	6%	525	\$106,550	\$350,000	Light
4	Gastonia SC	Gastonia	NC	35	5.00	48	33%	0%	23%	44%	4,689	\$35,057	\$126,562	Light
5	Summit	Moyock	NC	2,034	80.00	4	4%	0%	94%	2%	382	\$79,114	\$281,731	Light
6	Tracy	Bailey	NC	50	5.00	10	29%	0%	71%	0%	312	\$43,940	\$99,219	Heavy
7	Manatee	Parrish	FL	1,180	75.00	20	2%	97%	1%	0%	48	\$75,000	\$291,667	Heavy
8	McBride	Midland	NC	627	75.00	140	12%	10%	78%	0%	398	\$63,678	\$256,306	Lt to Med
9	Mariposa	Stanley	NC	36	5.00	96	48%	0%	52%	0%	1,716	\$36,439	\$137,884	Light
10	Clarke Cnty	White Post	VA	234	20.00	70	14%	39%	46%	1%	578	\$81,022	\$374,453	Light
11	Simon	Social Circle	GA	237	30.00	71	1%	63%	36%	0%	203	\$76,155	\$269,922	Medium
12	Candace	Princeton	NC	54	5.00	22	76%	24%	0%	0%	448	\$51,002	\$107,171	Medium
13	Walker	Barhamsville	VA	485	20.00	N/A	12%	68%	20%	0%	203	\$80,773	\$320,076	Light
14	Innov 46	Hope Mills	NC	532	78.50	0	17%	83%	0%	0%	2,247	\$58,688	\$183,435	Light
15	Innov 42	Fayetteville	NC	414	71.00	0	41%	59%	0%	0%	568	\$60,037	\$276,347	Light
16	Sunfish	Willow Spring	NC	50	6.40	30	35%	35%	30%	0%	1,515	\$63,652	\$253,138	Light
17	Sappony	Stony Crk	VA	322	20.00	N/A	2%	98%	0%	0%	74	\$51,410	\$155,208	Light
18	Camden Dam	Camden	NC	50	5.00	0	17%	72%	11%	0%	403	\$84,426	\$230,288	Light
19	Grandy	Grandy	NC	121	20.00	10	55%	24%	0%	21%	949	\$50,355	\$231,408	Light
20	Champion	Pelion	SC	100	10.00	N/A	4%	70%	8%	18%	1,336	\$46,867	\$171,939	Light
21	Barefoot Bay	Barefoot Bay	FL	504	74.50	0	11%	87%	0%	3%	2,446	\$36,737	\$143,320	Lt to Med
22	Miami-Dade	Miami	FL	347	74.50	0	26%	74%	0%	0%	127	\$90,909	\$403,571	Light
23	Spotyslvania	Paytes	VA	3,500	617.00	160	37%	52%	11%	0%	74	\$120,861	\$483,333	Md to Hvy
		·		•								,	*	3
	Average			485	57.04	38	24%	48%	22%	6%	923	\$63,955	\$237,700	
	Median			234	20.00	20	17%	59%	11%	0%	467	\$60,037	\$231,408	
	High			3,500	617.00	160	76%	98%	94%	44%	4,689	\$120,861	\$483,333	
	Low			35	5.00	0	1%	0%	0%	0%	48	\$35,057	\$99,219	
												. ,	* * * * * * * * * * * * * * * * * * * *	

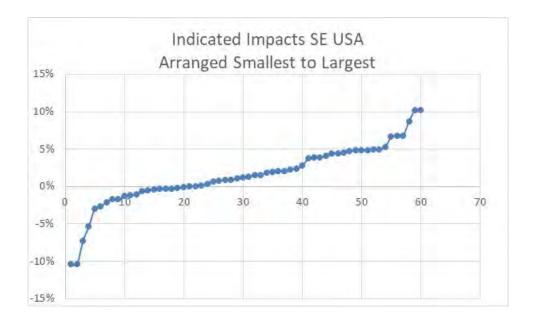
The solar farm matched pairs shown above have similar characteristics to each other in terms of population, but with several outliers showing solar farms in farm more urban areas. The median income for the population within 1 mile of a solar farm is \$60,037 with a median housing unit value of \$231,408. Most of the comparables are under \$300,000 in the home price, with \$483,333 being the high end of the set, though I have matched pairs in multiple states over \$1,000,000 adjoining solar farms. The adjoining uses show that residential and agricultural uses are the predominant adjoining uses. These figures are in line with the larger set of solar farms that I have looked at with the predominant adjoining uses being residential and agricultural and similar to the solar farm breakdown shown for Virginia and adjoining states as well as the proposed subject property.

Based on the similarity of adjoining uses and demographic data between these sites and the subject property, I consider it reasonable to compare these sites to the subject property.

I have pulled 56 matched pairs from the above referenced solar farms to provide the following summary of home sale matched pairs and land sales next to solar farms. The summary shows that the range of differences is from -10% to +10% with an average of +1% and median of +1%. This means that the average and median impact is for a slight positive impact due to adjacency to a solar farm. However, this +1 to rate is within the typical variability I would expect from real estate. I therefore conclude that this data shows no negative or positive impact due to adjacency to a solar farm

While the range is seemingly wide, the graph below clearly shows that the vast majority of the data falls between -5% and +5% and most of those are clearly in the 0 to +5% range. This data strongly supports an indication of no impact on adjoining residential uses to a solar farm.

I therefore conclude that these matched pairs support a finding of no impact on value at the subject property for the proposed project, which as proposed will include a landscaped buffer to screen adjoining residential properties.



Residential Dwelling Matched Pairs Adjoining Solar Farms

Pair Solar Farm City State of Mw Mw Distance Tax ID/Address Date of Sale price or Science of Science or Science	Light Light Uight Uight Uight Light
1 AM Best Goldsboro NC 5 280 3600195570 Sep-13 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$	Light 100% Light 101% Light 100% Light 100% Light 100% Light Light 100% Light Light
3600198928 Mar-14 \$250,000 \$250,000 2 AM Best Goldsboro NC 5 280 3600195361 Sep-13 \$260,000 3 AM Best Goldsboro NC 5 280 360019891 Jul-14 \$253,000 \$250,000 4 AM Best Goldsboro NC 5 280 3600198928 Mar-14 \$250,000 \$250,000 4 AM Best Goldsboro NC 5 280 3600198632 Aug-14 \$253,000 \$250,000 5 AM Best Goldsboro NC 5 280 3600198632 Aug-14 \$253,000 \$248,000 5 AM Best Goldsboro NC 5 280 3600196656 Dec-13 \$255,000 \$250,000 6 AM Best Goldsboro NC 5 280 36001105180 Dec-13 \$255,000 \$253,000 7 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 7 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 8 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$245,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 Feb-15 \$148,900 \$136,988 10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 11 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 \$121,200 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 12 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$114,460 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 225 609 Neal Hawkins Mar-17 \$220,000	Light Light Light Light Comparison Light
2 AM Best Goldsboro NC 5 280 3600195361 Sep-13 \$260,000 \$258,000 \$258,000 \$3600194813 Apr-14 \$250,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$258,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000	Light Light Uight Uight Uight Light
3600194813 Apr-14 \$258,000 \$258,000 3 AM Best Goldsboro NC 5 280 3600198928 Mar-14 \$250,000 \$250,000 4 AM Best Goldsboro NC 5 280 3600198632 Aug-14 \$250,000 \$250,000 5 AM Best Goldsboro NC 5 280 3600196556 Dec-13 \$255,000 \$248,000 6 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 7 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 7 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 9 Mulberry Selmer TN 5 400 0990A002 Jul-15 \$130,000 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 11 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 14 AM Best Goldsboro NC 5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Light
3 AM Best Goldsboro NC 5 280 3600199891 Jul-14 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$250,000 \$	Light 1) 0% Light 2% Light 1) 1% Light 1 Light 1 -1% Light 1 O% Light
3600198928 Mar-14 \$250,000 \$250,000	Light
4 AM Best Goldsboro NC 5 280 3600198632 Aug-14 \$253,000 \$248,000 \$248,000 \$5 AM Best Goldsboro NC 5 280 3600196656 Dec-13 \$255,000 \$253,000 \$253,000 \$6 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$2547,000 \$245,000 \$7 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 \$7 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$247,000 \$245,000 \$8 AM Best Goldsboro NC 5 280 36001839784 Apr-13 \$248,000 \$245,000 \$8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$245,000 \$9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 \$267,800 \$10 Mulberry Selmer TN 5 400 0990A043 Feb-15 \$148,900 \$136,988 \$10 Mulberry Selmer TN 5 400 0990A040 Mar-15 \$120,000 \$121,200 \$11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 \$178,283 \$12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 \$178,283 \$13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$144,460 \$13 Mulberry Selmer TN 5 230 14595 Box Elder Feb-16 \$291,000 \$155,947 \$15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 \$292,760 \$15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 \$292,760 \$15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Light) 2% Light) 1% Light) 1% Light) -1% Light) 0% Light
5 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 6 AM Best Goldsboro NC 5 280 3600196656 Dec-13 \$255,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$253,000 \$267,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 <td>Light Light Light</td>	Light
5 AM Best Goldsboro NC 5 280 3600196656 Dec-13 \$255,000 \$253,000 6 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 7 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$245,000 \$245,000 8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600195361 Nov-15 \$267,500 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 9 Mulberry Selmer TN 5 400 099CA023 Jul-15 \$130,000 10 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$150,000 \$178,283 12 Mulberry Selmer TN 5 650 297 Country Sep-16	Light 1% Light 1% Light 1% Light 1-1% Light Light Light
6 AM Best Goldsboro NC 5 280 3601105180 Dec-13 \$253,000 \$253,000 7 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 7 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$245,000 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600195361 Nov-15 \$267,500 \$267,800 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 \$267,800 10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 \$136,988 10 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 \$121,200 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$150,000 \$178,283 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 \$144,460 13 Mulberry Selm	Light Light Light Light Light Light Light Light Light
6 AM Best Goldsboro NC 5 280 3600182511 Feb-13 \$247,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$245,000 \$	Light 1% Light 1-1% Light 0 -1% Light 1 0% Light
7 AM Best Goldsboro NC 5 280 3600183905 Dec-12 \$240,000 \$245,000 8 AM Best Goldsboro NC 5 280 3600193710 Oct-13 \$248,000 \$248,000 8 AM Best Goldsboro NC 5 280 3600195361 Nov-15 \$267,500 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 9 Mulberry Selmer TN 5 400 099CA043 Feb-15 \$148,900 \$136,988 10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000	Light Light Light Light Light Light
7 AM Best Goldsboro NC 5 280 3600182784 Apr-13 \$245,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$248,000 \$267,500 \$267,500 \$267,500 \$267,500 \$267,500 \$267,500 \$267,500 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 <td>Light) -1% Light) 0% Light</td>	Light) -1% Light) 0% Light
3600193710 Oct-13 \$248,000 \$248,000	Light Light Light
8 AM Best Goldsboro NC 5 280 3600195361 Nov-15 \$267,500 3600195361 Sep-13 \$260,000 \$267,800 9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 099CA043 Feb-15 \$148,900 \$136,988 10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 0990NA040 Mar-15 \$120,000 \$121,200 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 \$178,283 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 \$178,283 12 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$144,460 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 \$292,760 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Light 0 0% Light
9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,800 \$267,	0% Light
9 Mulberry Selmer TN 5 400 0900A011 Jul-14 \$130,000 099CA043 Feb-15 \$148,900 \$136,988 10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 0990NA040 Mar-15 \$120,000 \$121,200 11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 \$178,283 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 \$178,283 12 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$144,460 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$	Light
10 Mulberry Selmer TN 5 400 099CA043 Feb-15 \$148,900 \$136,988	=
10 Mulberry Selmer TN 5 400 099CA002 Jul-15 \$130,000 0990NA040 Mar-15 \$120,000 \$121,200 0990NA040 Mar-16 \$176,000 \$178,283 0990NA040 Mar-16 \$185,000 \$178,283 0990NA040 Mar-17 \$120,000 \$178,283 0990NA040 Mar-18 \$120,000 \$178,28	3 -5%
11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 \$121,200 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 \$178,283 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 \$121,200 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 \$121,200 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 \$121,200 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Light
11 Mulberry Selmer TN 5 480 491 Dusty Oct-16 \$176,000 12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	_
The latest section Selection Selecti	Light
12 Mulberry Selmer TN 5 650 297 Country Sep-16 \$150,000 53 Glen Mar-17 \$126,000 \$144,460 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	=
53 Glen Mar-17 \$126,000 \$144,460 13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 191 Amelia Aug-18 \$132,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 15 Neal Hawkins Gastonia Mar-17 \$270,000 \$154,460 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 16 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 17 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 8270,000 18 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 8270,000 18 Neal Hawkins Gastonia NC 5 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225 225	Medium
13 Mulberry Selmer TN 5 685 57 Cooper Feb-19 \$163,000 19 Amelia Aug-18 \$132,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	
191 Amelia Aug-18 \$132,000 \$155,947 14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15313 Bassford Rd Jul-16 \$329,800 \$292,760 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Medium
14 Leonard Rd Hughesville MD 5.5 230 14595 Box Elder Feb-16 \$291,000 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	
15313 Bassford Rd Jul-16 \$329,800 \$292,760 15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	Light
15 Neal Hawkins Gastonia NC 5 225 609 Neal Hawkins Mar-17 \$270,000	=
	Light) 10%
· · · · · · · · · · · · · · · · · · ·	Light -3%
	Light) 4%
127 Ranchland Jun-15 \$219,900 \$198,120 18 Tracy Bailey NC 5 780 9162 Winters Jan-17 \$255,000	
	Heavy
7352 Red Fox Jun-16 \$176,000 \$252,399	
19 Manatee Parrish FL 75 1180 13670 Highland Aug-18 \$255,000	Heavy 5 0%
13851 Highland Sep-18 \$240,000 \$255,825 20 McBride Place Midland NC 75 275 4380 Joyner Nov-17 \$325,000	
	Medium
3870 Elkwood Aug-16 \$250,000 \$317,523	3 2% Medium
21 McBride Place Midland NC 75 505 5811 Kristi Mar-20 \$530,000	
3915 Tania Dec-19 \$495,000 \$504,657 22 Mariposa Stanley NC 5 1155 215 Mariposa Dec-17 \$249,000	
	Light 5 4%
110 Airport May-16 \$166,000 \$239,026 23 Mariposa Stanley NC 5 570 242 Mariposa Sep-15 \$180,000	
	Light 3 3%
•	
•	Light 7 0%
	Medium
•	
26 Walker Barhamsville VA 20 250 5241 Barham Oct-18 \$264,000	Light
9252 Ordinary Jun-19 \$277,000 \$246,581	
27 AM Best Goldsboro NC 5 385 103 Granville Pl Jul-18 \$265,000	Light
2219 Granville Jan-18 \$260,000 \$265,682	
28 AM Best Goldsboro NC 5 315 104 Erin Jun-17 \$280,000	Light
2219 Granville Jan-18 \$265,000 \$274,390) 2%
29 AM Best Goldsboro NC 5 400 2312 Granville May-18 \$284,900	
2219 Granville Jan-18 \$265,000 \$273,948	Light

Residential Dwelling Matched Pairs Adjoining Solar Farms

Residential Dwelling Matched Pairs Adjoining Solar Farms											
D-1- C-1- B	0:4	04-4-	36 117	Approx	M ID / A 11	D-4-	0-1- 0-1	Adj. Sale	0/ D:cc	Veg.	
Pair Solar Farm 30 AM Best	City Goldsboro	State NC	M W 5	400	Tax ID/Address 2310 Granville	Date May-19	Sale Price \$280,000	Price		Buffer Light	
oo mii best	Goldsboro	110	Ü	100	634 Friendly	Jul-19	\$267,000	\$265,291	5%	Digit	
31 Summit	Moyock	NC	80	570	318 Green View	Sep-19	\$357,000	Ψ200,231		Light	
or bummit	Woyock	110	00	0.0	336 Green View	Jan-19	\$365,000	\$340,286	5%	Digit	
32 Summit	Moyock	NC	80	440	164 Ranchland	Apr-19	\$169,000	φο 10,200		Light	
oz odmimi	Moyock	110	00	110	105 Longhorn	Oct-17	\$184,500	\$186,616		Digit	
33 Summit	Moyock	NC	80	635	358 Oxford	Sep-19	\$478,000	Ψ100,010		Light	
oo bammii	1110,0011	1.0	00	000	176 Providence	Sep-19	\$425,000	\$456,623	4%	218111	
34 Summit	Moyock	NC	80	970	343 Oxford	Mar-17	\$490,000	φ100,020		Light	
	,				218 Oxford	Apr-17	\$525,000	\$484,064	1%	8	
35 Innov 46	Hope Mills	NC	78.5	435	6849 Roslin Farm	Feb-19	\$155,000	,		Light	
					109 Bledsoe	Jan-19	\$150,000	\$147,558	5%	8	
36 Innov 42	Fayetteville	NC	71	340	2923 County Line	Feb-19	\$385,000	. ,		Light	
	,				2109 John McMillan	Apr-18	\$320,000	\$379,156	2%	8	
37 Innov 42	Fayetteville	NC	71	330	2935 County Line	Jun-19	\$266,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Light	
					7031 Glynn Mill	May-18	\$255,000	\$264,422	1%	8	
38 Sunfish	Willow Sprng	NC	6.4	205	7513 Glen Willow	Sep-17	\$185,000	,		Light	
	- 1 3				205 Pine Burr	Dec-17	\$191,000	\$172,487	7%	0 -	
39 Neal Hawkins	Gastonia	NC	5	145	611 Neal Hawkins	Jun-17	\$288,000	. ,		Light	
					1211 Still Forrest	Jul-18	\$280,000	\$274,319	5%	Ü	
40 Clarke Cnty	White Post	VA	20	1230	833 Nations Spr	Aug-19	\$385,000			Light	
Ÿ					2393 Old Chapel	Aug-20	\$330,000	\$389,286	-1%	J	
41 Sappony	Stony Creek	VA	20	1425	12511 Palestine	Jul-18	\$128,400			Medium	
11 0	,				6494 Rocky Branch	Nov-18	\$100,000	\$131,842	-3%		
42 Camden Dam	Camden	NC	5	342	122 N Mill Dam	Nov-18	\$350,000			Light	
					548 Trotman	May-18	\$309,000	\$352,450	-1%	Ü	
43 Grandy	Grandy	NC	20	405	120 Par Four	Aug-19	\$315,000			Light	
v	· ·				116 Barefoot	Sep-20	\$290,000	\$299,584	5%	Ü	
44 Grandy	Grandy	NC	20	477	269 Grandy	May-19	\$275,000			Light	
					103 Spring Leaf	Aug-18	\$270,000	\$275,912	0%		
45 Champion	Pelion	SC	10	505	517 Old Charleston	Aug-20	\$110,000			Light	
					1429 Laurel	Feb-19	\$126,000	\$107,856	2%		
46 Barefoot Bay	Bare foot Bay	FL	74.5	765	465 Papaya	Jul-19	\$155,000			Medium	
					1132 Waterway	Jul-20	\$129,000	\$141,618	9%		
47 Barefoot Bay	Bare foot Bay	FL	74.5	750	455 Papaya	Sep-20	\$183,500			Medium	
					904 Fir	Sep-20	\$192,500	\$186,697	-2%		
48 Barefoot Bay	Bare foot Bay	FL	74.5	690	419 Papaya	Jul-19	\$127,500			Medium	
					865 Tamarind	Feb-19	\$133,900	\$124,613	2%		
49 Barefoot Bay	Bare foot Bay	FL	74.5	690	413 Papaya	Jul-20	\$130,000			Medium	
					1367 Barefoot	Jan-21	\$130,500	\$139,507	-7%		
50 Barefoot Bay	Bare foot Bay	FL	74.5	690	343 Papaya	Dec-19	\$145,000			Light	
					865 Tamarind	Feb-19	\$133,900	\$142,403	2%		
51 Barefoot Bay	Bare foot Bay	FL	74.5	710	335 Papaya	Apr-18	\$110,000			Light	
					865 Tamarind	Feb-19	\$133,900	\$110,517	0%		
52 Miami-Dade	Miami	FL	74.5	1390	13600 SW 182nd	Nov-20	\$1,684,000			Light	
					17950 SW 158th	Oct-20		\$1,713,199	-2%		
53 Spotsylvania	Paytes	VA	617	1270	12901 Orange Plnk	Aug-20	\$319,900			Medium	
	_				12717 Flintlock	Dec-20	\$290,000	\$326,767	-2%		
54 Spotsylvania	Paytes	VA	617	1950	9641 Nottoway	May-20	\$449,900	440		Medium	
EE 0 1	Desertes	374	617	1171	11626 Forest	Aug-20	\$489,900	\$430,246	4%	TT	
55 Spotsylvania	raytes	VA	617	1171	13353 Post Oak	Sep-20	\$300,000	4000 000		Heavy	
E6 MaDaida Di	Midler d	NC	75	470	12810 Catharpin	Jan-20	\$280,000	\$299,008	0%	T i mla t	
56 McBride Place	DIBEDIM	NC	75	470	5833 Kristi	Sep-20	\$625,000	\$504.202		Light	
					4055 Dakeita	Dec-20	\$600,000	\$594,303	5%		

	Avg.		
МW	Distance		
64.91	612	Average	
20.00	479	Median	
617.00	1,950	High	
5.00	145	Low	

I have further broken down these results based on the MWs, Landscaping, and distance from panel to show the following range of findings for these different categories.

Most of the findings are for homes between 201 and 500 feet. Most of the findings are for Light landscaping screens.

Light landscaping screens are showing no impact on value at any distances, including for solar farms over $75.1~\mathrm{MW}$.

MW Range 4.4 to 10									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	1	19	2	0	1	2	0	0	1
Average	5%	2%	3%	N/A	0%	4%	N/A	N/A	1%
Median	5%	1%	3%	N/A	0%	4%	N/A	N/A	1%
High	5%	10%	4%	N/A	0%	4%	N/A	N/A	1%
Low	5%	-5%	3%	N/A	0%	4%	N/A	N/A	1%
10.1 to 30									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	3	2	0	0	1	0	0	0
Average	N/A	4%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
Median	N/A	5%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
High	N/A	7%	0%	N/A	N/A	-3%	N/A	N/A	N/A
Low	N/A	0%	-1%	N/A	N/A	-3%	N/A	N/A	N/A
30.1 to 75									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	2	3	0	0	4	0	0	0
Average	N/A	1%	0%	N/A	N/A	0%	N/A	N/A	N/A
Median	N/A	1%	0%	N/A	N/A	0%	N/A	N/A	N/A
High	N/A	2%	2%	N/A	N/A	9%	N/A	N/A	N/A
Low	N/A	1%	-2%	N/A	N/A	-7%	N/A	N/A	N/A
75.1+									
Landscaping	Light	Light	Light	Medium	Medium	Medium	Heavy	Heavy	Heavy
Distance	100-200	201-500	500+	100-200	201-500	500+	100-200	201-500	500+
#	0	2	5	0	0	2	0	0	1
Average	N/A	-3%	2%	N/A	N/A	1%	N/A	N/A	0%
Median	N/A	-3%	4%	N/A	N/A	1%	N/A	N/A	0%
High	N/A	5%	5%	N/A	N/A	4%	N/A	N/A	0%
Low	N/A	-10%	-3%	N/A	N/A	-2%	N/A	N/A	0%

C. Summary of National Data on Solar Farms

I have worked in 19 states related to solar farms and I have been tracking matched pairs in most of those states. On the following pages I provide a brief summary of those findings showing 37 solar farms over 5 MW studied with each one providing matched pair data supporting the findings of this report.

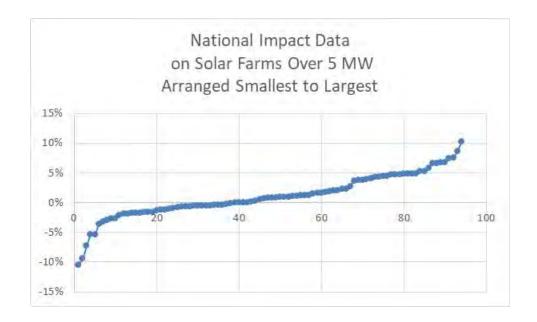
The solar farms summary is shown below with a summary of the matched pair data shown on the following page.

Matched Pair Summary						Adj. Uses By Acreage					1 mile Radius (2010-2020 Data)			
		•				Торо						Med.	Avg. Housing	
	Name	City	State	Acres	$\mathbf{M}\mathbf{W}$	Shift	Res	Ag	Ag/Res	Com/Ind	Popl.	Income	Unit	Veg. Buffer
1	AM Best	Goldsboro	NC	38	5.00	2	38%	0%	23%	39%	1,523	\$37,358	\$148,375	Light
2	Mulberry	Selmer	TN	160	5.00	60	13%	73%	10%	3%	467	\$40,936	\$171,746	Lt to Med
3	Leonard	Hughesville	MD	47	5.00	20	18%	75%	0%	6%	525	\$106,550	\$350,000	Light
4	Gastonia SC	Gastonia	NC	35	5.00	48	33%	0%	23%	44%	4,689	\$35,057	\$126,562	Light
5	Summit	Moyock	NC	2,034	80.00	4	4%	0%	94%	2%	382	\$79,114	\$281,731	Light
7	Tracy	Bailey	NC	50	5.00	10	29%	0%	71%	0%	312	\$43,940	\$99,219	Heavy
8	Manatee	Parrish	FL	1,180	75.00	20	2%	97%	1%	0%	48	\$75,000	\$291,667	Heavy
9	McBride	Midland	NC	627	75.00	140	12%	10%	78%	0%	398	\$63,678	\$256,306	Lt to Med
10	Grand Ridge	Streator	IL	160	20.00	1	8%	87%	5%	0%	96	\$70,158	\$187,037	Light
11	Dominion	Indianapolis	IN	134	8.60	20	3%	97%	0%	0%	3,774	\$61,115	\$167,515	Light
12	Mariposa	Stanley	NC	36	5.00	96	48%	0%	52%	0%	1,716	\$36,439	\$137,884	Light
13	Clarke Cnty	White Post	VA	234	20.00	70	14%	39%	46%	1%	578	\$81,022	\$374,453	Light
14	Flemington	Flemington	NJ	120	9.36	N/A	13%	50%	28%	8%	3,477	\$105,714	\$444,696	Lt to Med
15	Frenchtown	Frenchtown	NJ	139	7.90	N/A	37%	35%	29%	0%	457	\$111,562	\$515,399	Light
16	McGraw	East Windsor	NJ	95	14.00	N/A	27%	44%	0%	29%	7,684	\$78,417	\$362,428	Light
17	Tinton Falls	Tinton Falls	NJ	100	16.00	N/A	98%	0%	0%	2%	4,667	\$92,346	\$343,492	Light
18	Simon	Social Circle	GA	237	30.00	71	1%	63%	36%	0%	203	\$76,155	\$269,922	Medium
19	Candace	Princeton	NC	54	5.00	22	76%	24%	0%	0%	448	\$51,002	\$107,171	Medium
20	Walker	Barhamsville	VA	485	20.00	N/A	12%	68%	20%	0%	203	\$80,773	\$320,076	Light
21	Innov 46	Hope Mills	NC	532	78.50	0	17%	83%	0%	0%	2,247	\$58,688	\$183,435	Light
22	Innov 42	Fayetteville	NC	414	71.00	0	41%	59%	0%	0%	568	\$60,037	\$276,347	Light
23	Demille	Lapeer	MI	160	28.40	10	10%	68%	0%	22%	2,010	\$47,208	\$187,214	Light
24	Turrill	Lapeer	MI	230	19.60	10	75%	59%	0%	25%	2,390	\$46,839	\$110,361	Light
25	Sunfish	Willow Spring	NC	50	6.40	30	35%	35%	30%	0%	1,515	\$63,652	\$253,138	Light
26	Picture Rocks	Tucson	AZ	182	20.00	N/A	6%	88%	6%	0%	102	\$81,081	\$280,172	None
27	Avra Valley	Tucson	AZ	246	25.00	N/A	3%	94%	3%	0%	85	\$80,997	\$292,308	None
28	Sappony	Stony Crk	VA	322	20.00	N/A	2%	98%	0%	0%	74	\$51,410	\$155,208	Medium
29	Camden Dam	Camden	NC	50	5.00	0	17%	72%	11%	0%	403	\$84,426	\$230,288	Light
30	Grandy	Grandy	NC	121	20.00	10	55%	24%	0%	21%	949	\$50,355	\$231,408	Light
31	Champion	Pelion	SC	100	10.00	N/A	4%	70%	8%	18%	1,336	\$46,867	\$171,939	Light
32	Eddy II	Eddy	TX	93	10.00	N/A	15%	25%	58%	2%	551	\$59,627	\$139,088	Light
33	Somerset	Somerset	TX	128	10.60	N/A	5%	95%	0%	0%	1,293	\$41,574	\$135,490	Light
34	DG Amp Piqua	Piqua	OH	86	12.60	2	26%	16%	58%	0%	6,735	\$38,919	\$96,555	Light
45	Barefoot Bay	Barefoot Bay	FL	504	74.50	0	11%	87%	0%	3%	2,446	\$36,737	\$143,320	Lt to Med
36	Miami-Dade	Miami	FL	347	74.50	0	26%	74%	0%	0%	127	\$90,909	\$403,571	Light
37	Spotyslvania	Paytes	VA	3,500	617.00	160	37%	52%	11%	0%	74	\$120,861	\$483,333	Med to Hvy
	Average			362	42.05	32	24%	52%	19%	6%	1,515	\$66,292	\$242,468	
	Median			150	17.80	10	16%	59%	7%	0%	560	\$62,384	\$230,848	
	High			3,500	617.00	160	98%	98%	94%	44%	7,684	\$120,861	\$515,399	
	Low			35	5.00	0	1%	0%	0%	0%	48	\$35,057	\$96,555	

From these 37 solar farms, I have derived 94 matched pairs. The matched pairs show no negative impact at distances as close as 105 feet between a solar panel and the nearest point on a home. The range of impacts is -10% to +10% with an average and median of +1%.

		Avg.		Indicated
	$\mathbf{M}\mathbf{W}$	Distance		Impact
Average	44.80	569	Average	1%
Median	14.00	400	Median	1%
High	617.00	1,950	High	10%
Low	5.00	145	Low	-10%

While the range is broad, the two charts below show the data points in range from lowest to highest. There is only 3 data points out of 94 that show a negative impact. The rest support either a finding of no impact or 9 of the data points suggest a positive impact due to adjacency to a solar farm. As discussed earlier in this report, I consider this data to strongly support a finding of no impact on value as most of the findings are within typical market variation and even within that, most are mildly positive findings.



D. Larger Solar Farms

I have also considered larger solar farms to address impacts related to larger projects. Projects have been increasing in size and most of the projects between 100 and 1000 MW are newer with little time for adjoining sales. I have included a breakdown of solar farms with 20 MW to 80 MW facilities with one 617 MW facility.

Mat	ched Pair Sun	nmary - @20 M	W And	Larger	er Adj. Uses By Acreage					1 mile				
						Торо						Med.	Avg. Housing	Veg.
	Name	City	State	Acres	$\mathbf{M}\mathbf{W}$	Shift	Res	Ag	Ag/Res	Com/Ind	Popl.	Income	Unit	Buffer
1	Summit	Moyock	NC	2,034	80.00	4	4%	0%	94%	2%	382	\$79,114	\$281,731	Light
2	Manatee	Parrish	FL	1,180	75.00	20	2%	97%	1%	0%	48	\$75,000	\$291,667	Heavy
3	McBride	Midland	NC	627	75.00	140	12%	10%	78%	0%	398	\$63,678	\$256,306	Lt to Med
4	Grand Ridge	Streator	IL	160	20.00	1	8%	87%	5%	0%	96	\$70,158	\$187,037	Light
5	Clarke Cnty	White Post	VA	234	20.00	70	14%	39%	46%	1%	578	\$81,022	\$374,453	Light
6	Simon	Social Circle	GA	237	30.00	71	1%	63%	36%	0%	203	\$76,155	\$269,922	Medium
7	Walker	Barhamsville	VA	485	20.00	N/A	12%	68%	20%	0%	203	\$80,773	\$320,076	Light
8	Innov 46	Hope Mills	NC	532	78.50	0	17%	83%	0%	0%	2,247	\$58,688	\$183,435	Light
9	Innov 42	Fayetteville	NC	414	71.00	0	41%	59%	0%	0%	568	\$60,037	\$276,347	Light
10	Demille	Lapeer	MI	160	28.40	10	10%	68%	0%	22%	2,010	\$47,208	\$187,214	Light
11	Turrill	Lapeer	MI	230	19.60	10	75%	59%	0%	25%	2,390	\$46,839	\$110,361	Light
12	Picure Rocks	Tucson	AZ	182	20.00	N/A	6%	88%	6%	0%	102	\$81,081	\$280,172	Light
13	Avra Valley	Tucson	AZ	246	25.00	N/A	3%	94%	3%	0%	85	\$80,997	\$292,308	None
14	Sappony	Stony Crk	VA	322	20.00	N/A	2%	98%	0%	0%	74	\$51,410	\$155,208	None
15	Grandy	Grandy	NC	121	20.00	10	55%	24%	0%	21%	949	\$50,355	\$231,408	Medium
16	Barefoot Bay	Barefoot Bay	FL	504	74.50	0	11%	87%	0%	3%	2,446	\$36,737	\$143,320	Lt to Med
17	Miami-Dade	Miami	FL	347	74.50	0	26%	74%	0%	0%	127	\$90,909	\$403,571	Light
18	Spotyslvania	Paytes	VA	3,500	617.00	160	37%	52%	11%	0%	74	\$120,861	\$483,333	Med to Hvy
	Average Median High Low			640 335 3,500 121	76.03 29.20 617.00 19.60		19% 12% 75% 1%	64% 68% 98% 0%	17% 2% 94% 0%	4% 0% 25% 0%	721 293 2,446 48	\$69,501 \$72,579 \$120,861 \$36,737	\$262,659 \$273,135 \$483,333 \$110,361	

The breakdown of adjoining uses, population density, median income and housing prices for these projects are very similar to those of the larger set. The matched pairs for each of these were considered earlier and support a finding of no negative impact on the adjoining home values.

I have included a breakdown of solar farms with 50 MW to 617 MW facilities adjoining.

Matched Pair Summary - @50 MW And Larger			Adj. Uses By Acreage				1 mile Radius (2010-2019 Data)							
						Торо						Med.	Avg. Housing	Veg.
	Name	City	State	Acres	$\mathbf{M}\mathbf{W}$	Shift	Res	Ag	Ag/Res	Com/Ind	Popl.	Income	Unit	Buffer
1	Summit	Moyock	NC	2,034	80.00	4	4%	0%	94%	2%	382	\$79,114	\$281,731	Light
2	Manatee	Parrish	FL	1,180	75.00	20	2%	97%	1%	0%	48	\$75,000	\$291,667	Heavy
3	McBride	Midland	NC	627	75.00	140	12%	10%	78%	0%	398	\$63,678	\$256,306	Lt to Med
4	Innov 46	Hope Mills	NC	532	78.50	0	17%	83%	0%	0%	2,247	\$58,688	\$183,435	Light
5	Innov 42	Fayetteville	NC	414	71.00	0	41%	59%	0%	0%	568	\$60,037	\$276,347	Light
6	Barefoot Bay	Barefoot Bay	FL	504	74.50	0	11%	87%	0%	3%	2,446	\$36,737	\$143,320	Lt to Med
7	Miami-Dade	Miami	FL	347	74.50	0	26%	74%	0%	0%	127	\$90,909	\$403,571	Light
8	Spotyslvania	Paytes	VA	3,500	617.00	160	37%	52%	11%	0%	74	\$120,861	\$483,333	Med to Hvy
	Average			1,142	143.19		19%	58%	23%	1%	786	\$73,128	\$289,964	
	Median			580	75.00		15%	67%	0%	0%	390	\$69,339	\$279,039	
	High			3,500	617.00		41%	97%	94%	3%	2,446	\$120,861	\$483,333	
	Low			347	71.00		2%	0%	0%	0%	48	\$36,737	\$143,320	

The breakdown of adjoining uses, population density, median income and housing prices for these projects are very similar to those of the larger set. The matched pairs for each of these were considered earlier and support a finding of no negative impact on the adjoining home values.

The data for these larger solar farms is shown in the SE USA and the National data breakdowns with similar landscaping, setbacks and range of impacts that fall mostly in the \pm -5% range as can be seen earlier in this report.

On the following page I show 81 projects ranging in size from 50 MW up to 1,000 MW with an average size of 111.80 MW and a median of 80 MW. The average closest distance for an adjoining home is 263 feet, while the median distance is 188 feet. The closest distance is 57 feet. The mix of adjoining uses is similar with most of the adjoining uses remaining residential or agricultural in nature. This is the list of solar farms that I have researched for possible matched pairs and not a complete list of larger solar farms in those states.

			Output	Total	Used	Avg. Dist	Closest	Adjoi	ning Us	e by Acı	re
Parcel # State	City	Name	(MW)	Acres	Acres	to home	Home	Res	Agri	Ag/R	Com
78 NC	Moyock	Summit/Ranchland	80	2034		674	360	4%	94%	0%	2%
133 MS	Hattiesburg	Hattiesburg	50	1129	479.6	650	315	35%	65%	0%	0%
179 SC	Ridgeland	Jasper	140	1600	1000	461	108	2%	85%	13%	0%
211 NC	Enfield	Chestnut	75	1428.1		1,429	210	4%	96%	0%	0%
222 VA	Chase City	Grasshopper	80	946.25				6%	87%	5%	1%
226 VA	Louisa	Belcher	88	1238.1			150	19%	53%	28%	0%
305 FL	Dade City	Mountain View	55	347.12		510	175	32%	39%	21%	8%
319 FL	Jasper	Hamilton	74.9	1268.9	537		240	5%	67%	28%	0%
336 FL	Parrish	Manatee	74.5	1180.4		1,079	625	2%	50%	1%	47%
337 FL	Arcadia	Citrus	74.5	640		-,		0%	0%	100%	0%
338 FL	Port Charlotte	Babcock	74.5	422.61				0%	0%	100%	0%
353 VA	Oak Hall	Amazon East(ern sh	80	1000		645	135	8%	75%	17%	0%
364 VA	Stevensburg	Greenwood	100	2266.6	1800		200	8%	62%	29%	0%
368 NC	Warsaw	Warsaw	87.5	585.97	499		130	11%	66%	21%	3%
390 NC	Ellerbe	Innovative Solar 34	50	385.24	226		N/A	1%	99%	0%	0%
399 NC	Midland	McBride	74.9	974.59	627		140	12%	78%	9%	0%
400 FL		Alafia	74.9 51	420.35	027	490		7%	90%	9% 3%	0%
	Mulberry		91				105				
406 VA	Clover	Foxhound		1311.8		885	185	5%	61%	17%	18%
410 FL	Trenton	Trenton	74.5	480	060.71	2,193	775	0%	26%	55%	19%
411 NC	Battleboro	Fern	100		960.71	1,494	220	5%	76%	19%	0%
412 MD	Goldsboro	Cherrywood	202	1722.9			200	10%	76%	13%	0%
434 NC	Conetoe	Conetoe	80	1389.9	910.6	,	120	5%	78%	17%	0%
440 FL	Debary	Debary	74.5	844.63		654	190	3%	27%	0%	70%
441 FL	Hawthorne	Horizon	74.5	684				3%	81%	16%	0%
484 VA	Newsoms	Southampton	100	3243.9		-	-	3%	78%	17%	3%
486 VA	Stuarts Draft	Augusta	125	3197.4	1147		165	16%	61%	16%	7%
491 NC	Misenheimer	Misenheimer 2018	80	740.2	687.2		130	11%	40%	22%	27%
494 VA	Shacklefords	Walnut	110	1700	1173		165	14%	72%	13%	1%
496 VA	Clover	Piney Creek	80	776.18	422		195	15%	62%	24%	0%
511 NC	Scotland Neck	American Beech	160	3255.2	1807.8	1,262	205	2%	58%	38%	3%
514 NC	Reidsville	Williamsburg	80	802.6	507	734	200	25%	12%	63%	0%
517 VA	Luray	Cape	100	566.53	461	519	110	42%	12%	46%	0%
518 VA	Emporia	Fountain Creek	80	798.3	595	862	300	6%	23%	71%	0%
525 NC	Plymouth	Macadamia	484	5578.7	4813.5	1,513	275	1%	90%	9%	0%
526 NC	Mooresboro	Broad River	50	759.8	365	419	70	29%	55%	16%	0%
555 FL	Mulberry	Durrance	74.5	463.57	324.65	438	140	3%	97%	0%	0%
560 NC	Yadkinville	Sugar	60	477	357	382	65	19%	39%	20%	22%
561 NC	Enfield	Halifax 80mw 2019	80	1007.6	1007.6	672	190	8%	73%	19%	0%
577 VA	Windsor	Windsor	85	564.1	564.1	572	160	9%	67%	24%	0%
579 VA	Paytes	Spotsylvania	500	6412	3500			9%	52%	11%	27%
582 NC	Salisbury	China Grove	65	428.66	324.26	438	85	58%	4%	38%	0%
583 NC	Walnut Cove	Lick Creek	50	1424	185.11	410	65	20%	64%	11%	5%
584 NC	Enfield	Sweetleaf	94	1956.3	1250	968	160	5%	63%	32%	0%
586 VA	Aylett	Sweet Sue	77	1262	576		680	7%	68%	25%	0%
593 NC	Windsor	Sumac	120	3360.6	1257.9		160	4%	90%	6%	0%
599 TN	Somerville	Yum Yum	147	4000	1500		330	3%	32%	64%	1%
602 GA	Waynesboro	White Oak	76.5	516.7			1,790	1%	34%	65%	0%
603 GA	Butler	Butler GA	103		2395.1		255	2%	73%	23%	2%
604 GA	Butler	White Pine	101.2		505.94		100	1%	51%	48%	1%
605 GA	Metter	Live Oak	51		417.84		235	4%	72%	23%	0%
606 GA	Hazelhurst	Hazelhurst II	52.5		490.42		105	9%	64%	27%	0%
607 GA	Bainbridge	Decatur Parkway	80	781.5			450	2%	27%	22%	49%
608 GA	Leslie-DeSoto	Americus	1000	9661.2			510	1%	63%	36%	0%
616 FL	Fort White	Fort White	74.5	570.5	457.2		220	12%	71%	17%	0%
621 VA	Spring Grove	Loblolly	150	2181.9	1000		110	7%	62%	31%	0%
		-									
622 VA	Scottsville	Woodridge	138	2260.9	1000		170	9%	63%	28%	0%
625 NC	Middlesex	Phobos	80	754.52			57	14%	75%	10%	0%
628 MI	Deerfield	Carroll Road	200		1694.8		190	12%	86%	0%	2%
633 VA	Emporia	Brunswick	150.2		1387.3		240	4%	85%	11%	0%
634 NC	Elkin	Partin	50	429.4	257.64	945	155	30%	25%	15%	30%

			Output	Total	Used	Avg. Dist	Closest	. Adjoi1	ning Us	e by Acr	е
Parcel # State	City	Name	(MW)	Acres	Acres	to home	Home	Res	Agri	Ag/R	Com
638 GA	Dry Branch	Twiggs	200	2132.7	2132.7	-	-	10%	55%	35%	0%
639 NC	Hope Mills	Innovative Solar 46	78.5	531.87	531.87	423	125	17%	83%	0%	0%
640 NC	Hope Mills	Innovative Solar 42	71	413.99	413.99	375	135	41%	59%	0%	0%
645 NC	Stanley	Hornet	75	1499.5	858.4	663	110	30%	40%	23%	6%
650 NC	Grifton	Grifton 2	56	681.59	297.6	363	235	1%	99%	0%	0%
651 NC	Grifton	Buckleberry	52.1	367.67	361.67	913	180	5%	54%	41%	0%
657 KY	Greensburg	Horseshoe Bend	60	585.65	395	1,394	63	3%	36%	61%	0%
658 KY	Campbellsville	Flat Run	55	429.76	429.76	408	115	13%	52%	35%	0%
666 FL	Archer	Archer	74.9	636.94	636.94	638	200	43%	57%	0%	0%
667 FL	New Smyrna Be	a Pioneer Trail	74.5	1202.8	900	1,162	225	14%	61%	21%	4%
668 FL	Lake City	Sunshine Gateway	74.5	904.29	472	1,233	890	11%	80%	8%	0%
669 FL	Florahome	Coral Farms	74.5	666.54	580	1,614	765	19%	75%	7%	0%
672 VA	Appomattox	Spout Spring	60	881.12	673.37	836	335	16%	30%	46%	8%
676 TX	Stamford	Alamo 7	106.4	1663.1	1050	-	-	6%	83%	0%	11%
677 TX	Fort Stockton	RE Roserock	160	1738.2	1500	-	-	0%	100%	0%	0%
678 TX	Lamesa	Lamesa	102	914.5	655	921	170	4%	41%	11%	44%
679 TX	Lamesa	Ivory	50	706	570	716	460	0%	87%	2%	12%
680 TX	Uvalde	Alamo 5	95	830.35	800	925	740	1%	93%	6%	0%
684 NC	Waco	Brookcliff	50	671.03	671.03	560	150	7%	21%	15%	57%
689 AZ	Arlington	Mesquite	320.8	3774.5	2617	1,670	525	8%	92%	0%	0%
692 AZ	Tucson	Avalon	51	479.21	352	-	-	0%	100%	0%	0%
			81								
		Average	111.80	1422.4	968.4	1031	263	10%	62%	22%	6%
		Median	80.00	914.5	646.0	836	188	7%	64%	17%	0%
		High	1000.00	9661.2	4813.5	5210	1790	58%	100%	100%	70%
		Low	50.00	347.1	185.1	343	57	0%	0%	0%	0%

IX. Distance Between Homes and Panels

I have measured distances at matched pairs as close as 105 feet between panel and home to show no impact on value. This measurement goes from the closest point on the home to the closest solar panel. This is a strong indication that at this distance there is no impact on adjoining homes.

However, in tracking other approved solar farms across Kentucky, North Carolina and other states, I have found that it is common for there to be homes within 100 to 150 feet of solar panels. Given the visual barriers in the form of privacy fencing or landscaping, there is no sign of negative impact.

I have also tracked a number of locations where solar panels are between 50 and 100 feet of single-family homes. In these cases the landscaping is typically a double row of more mature evergreens at time of planting. There are many examples of solar farms with one or two homes closer than 100-feet, but most of the adjoining homes are further than that distance.

X. Topography

As shown on the summary charts for the solar farms, I have been identifying the topographic shifts across the solar farms considered. Differences in topography can impact visibility of the panels, though typically this results in distant views of panels as opposed to up close views. The topography noted for solar farms showing no impact on adjoining home values range from as much as 160-foot shifts across the project. Given that appearance is the only factor of concern and that distance plus landscape buffering typically addresses up close views, this leaves a number of potentially distant views of panels. I specifically note that in Crittenden in KY there are distant views of panels from the adjoining homes that showed no impact on value.

General rolling terrain with some distant solar panel views are showing no impact on adjoining property value.

XI. Potential Impacts During Construction

I have previously been asked by the Kentucky Siting Board about potential impacts during construction. This is not a typical question I get as any development of a site will have a certain amount of construction, whether it is for a commercial agricultural use such as large-scale poultry operations or a new residential subdivision. Construction will be temporary and consistent with other development uses of the land and in fact dust from the construction will likely be less than most other construction projects given the minimal grading. I would not anticipate any impacts on property value due to construction on the site.

I note that in the matched pairs that I have included there have been a number of home sales that happened after a solar farm was approved but before the solar farm was built showing no impact on property value. Therefore the anticipated construction had no impact as shown by that data.

XII. Scope of Research

I have researched over 800 solar farms and sites on which solar farms are existing and proposed in Kentucky, Illinois, Tennessee, North Carolina, Virginia as well as other states to determine what uses are typically found in proximity with a solar farm. The data I have collected and provide in this report strongly supports the assertion that solar farms are having no negative consequences on adjoining agricultural and residential values.

Beyond these references, I have quantified the adjoining uses for a number of solar farm comparables to derive a breakdown of the adjoining uses for each solar farm. The chart below shows the breakdown of adjoining or abutting uses by total acreage.

							Closest	All Res All Com		
	Res	Ag	Res/AG	Comm	Ind	Avg Home	Home	Uses	Use	
Average	19%	53%	20%	2%	6%	887	344	91%	8%	
Median	11%	56%	11%	0%	0%	708	218	100%	0%	
High	100%	100%	100%	93%	98%	5,210	4,670	100%	98%	
Low	0%	0%	0%	0%	0%	90	25	0%	0%	

Res = Residential, Ag = Agriculture, Com = Commercial

Total Solar Farms Considered: 705

I have also included a breakdown of each solar farm by number of adjoining parcels to the solar farm rather than based on adjoining acreage. Using both factors provides a more complete picture of the neighboring properties.

ercentage By Nun	iber of Parc	els Adjo	oining						
							Closest	All Res A	ll Comm
	Res	Ag	Res/AG	Comm	Ind	Avg Home	Home	Uses	Uses
Average	61%	24%	9%	2%	4%	887	344	93%	6%
Median	65%	19%	5%	0%	0%	708	218	100%	0%
High	100%	100%	100%	60%	78%	5,210	4,670	105%	78%
Low	0%	0%	0%	0%	0%	90	25	0%	0%

Res = Residential, Ag = Agriculture, Com = Commercial

Total Solar Farms Considered: 705

Both of the above charts show a marked residential and agricultural adjoining use for most solar farms. Every single solar farm considered included an adjoining residential or residential/agricultural use.

XIII. Specific Factors Related To Impacts on Value

I have completed a number of Impact Studies related to a variety of uses and I have found that the most common areas for impact on adjoining values typically follow a hierarchy with descending levels of potential impact. I will discuss each of these categories and how they relate to a solar farm.

- 1. Hazardous material
- 2. Odor
- 3. Noise
- 4. Traffic
- 5. Stigma
- 6. Appearance

1. Hazardous material

A solar farm presents no potential hazardous waste byproduct as part of normal operation. Any fertilizer, weed control, vehicular traffic, or construction will be significantly less than typically applied in a residential development and even most agricultural uses.

The various solar farms that I have inspected and identified in the addenda have no known environmental impacts associated with the development and operation.

2. Odor

The various solar farms that I have inspected produced no odor.

3. Noise

Whether discussing passive fixed solar panels, or single-axis trackers, there is no negative impact associated with noise from a solar farm. The transformer reportedly has a hum similar to an HVAC that can only be heard in close proximity to this transformer and the buffers on the property are sufficient to make emitted sounds inaudible from the adjoining properties. No sound is emitted from the facility at night.

The various solar farms that I have inspected were inaudible from the roadways.

4. Traffic

The solar farm will have no onsite employee's or staff. The site requires only minimal maintenance. Relative to other potential uses of the site (such as a residential subdivision), the additional traffic generated by a solar farm use on this site is insignificant.

5. Stigma

There is no stigma associated with solar farms and solar farms and people generally respond favorably towards such a use. While an individual may express concerns about proximity to a solar farm, there is no specific stigma associated with a solar farm. Stigma generally refers to things such as adult establishments, prisons, rehabilitation facilities, and so forth.

Solar panels have no associated stigma and in smaller collections are found in yards and roofs in many residential communities. Solar farms are adjoining elementary, middle and high schools as well as churches and subdivisions. I note that one of the solar farms in this report not only adjoins a church, but is actually located on land owned by the church. Solar panels on a roof are often cited as an enhancement to the property in marketing brochures.

I see no basis for an impact from stigma due to a solar farm.

6. Appearance

I note that larger solar farms using fixed or tracking panels are a passive use of the land that is in keeping with a rural/residential area. As shown below, solar farms are comparable to larger greenhouses. This is not surprising given that a greenhouse is essentially another method for collecting passive solar energy. The greenhouse use is well received in residential/rural areas and has a similar visual impact as a solar farm.







The solar panels are all less than 15 feet high, which means that the visual impact of the solar panels will be similar in height to a typical greenhouse and lower than a single story residential dwelling. Were the subject property developed with single family housing, that development would have a much greater visual impact on the surrounding area given that a two-story home with attic could be three to four times as high as these proposed panels.

Whenever you consider the impact of a proposed project on viewshed or what the adjoining owners may see from their property it is important to distinguish whether or not they have a protected viewshed or not. Enhancements for scenic vistas are often measured when considering properties that adjoin preserved open space and parks. However, adjoining land with a preferred view today conveys no guarantee that the property will continue in the current use. Any consideration of the impact of the appearance requires a consideration of the wide variety of other uses a property already has the right to be put to, which for solar farms often includes subdivision development, agricultural business buildings such as poultry, or large greenhouses and the like.

Dr. Randall Bell, MAI, PhD, and author of the book **Real Estate Damages**, Third Edition, on Page 146 "Views of bodies of water, city lights, natural settings, parks, golf courses, and other amenities are considered desirable features, particularly for residential properties." Dr. Bell continues on Page 147 that "View amenities may or may not be protected by law or regulation. It is sometimes argued that views have value only if they are protected by a view easement, a zoning ordinance, or covenants, conditions, and restrictions (CC&Rs), although such protections are relatively

uncommon as a practical matter. The market often assigns significant value to desirable views irrespective of whether or not such views are protected by law."

Dr. Bell concludes that a view enhances adjacent property, even if the adjacent property has no legal right to that view. He then discusses a "borrowed" view where a home may enjoy a good view of vacant land or property beyond with a reasonable expectation that the view might be partly or completely obstructed upon development of the adjoining land. He follows that with "This same concept applies to potentially undesirable views of a new development when the development conforms to applicable zoning and other regulations. Arguing value diminution in such cases is difficult, since the possible development of the offending property should have been known." In other words, if there is an allowable development on the site then arguing value diminution with such a development would be difficult. This further extends to developing the site with alternative uses that are less impactful on the view than currently allowed uses.

This gets back to the point that if a property has development rights and could currently be developed in such a way that removes the viewshed such as a residential subdivision, than a less intrusive use such as a solar farm that is easily screened by landscaping would not have a greater impact on the viewshed of any perceived value adjoining properties claim for viewshed. Essentially, if there are more impactful uses currently allowed, then there is no viewshed enhancement to adjoining parcels.

7. Conclusion

On the basis of the factors described above, it is my professional opinion that the proposed solar farm will not negatively impact adjoining property values. The only category of impact of note is appearance, which is addressed through setbacks and landscaping buffers. The matched pair data supports that conclusion.

XIV. Conclusion

The matched pair analysis shows no negative impact in home values due to abutting or adjoining a solar farm as well as no impact to abutting or adjacent vacant residential or agricultural land. The proposed setbacks are further than those measured showing no impact for similar price ranges of homes and for areas with similar demographics to the subject area. The criteria that typically correlates with downward adjustments on property values such as noise, odor, and traffic all support a finding of no impact on property value.

Very similar solar farms in very similar areas have been found by hundreds of towns and counties not to have a substantial injury to abutting or adjoining properties, and many of those findings of no impact have been upheld by appellate courts. Similar solar farms have been approved adjoining agricultural uses, schools, churches, and residential developments.

I have found no difference in the mix of adjoining uses or proximity to adjoining homes based on the size of a solar farm and I have found no significant difference in the matched pair data adjoining larger solar farms versus smaller solar farms. The data in the Southeast is consistent with the larger set of data that I have nationally, as is the more specific data located in and around Kentucky.

Based on the data and analysis in this report, it is my professional opinion that the solar farm proposed at the subject property will have no negative impact on the value of adjoining or abutting property. I note that some of the positive implications of a solar farm that have been expressed by people living next to solar farms include protection from future development of residential developments or other more intrusive uses, reduced dust, odor and chemicals from former farming operations, protection from light pollution at night, it's quiet, and there is no traffic.

.



Richard C. Kirkland, Jr., MAI 9408 Northfield Court Raleigh, North Carolina 27603 Mobile (919) 414-8142 rkirkland2@gmail.com www.kirklandappraisals.com

2003 – Presen
1996 – 2003
2001
1999
1993
2022
2021
2021
2020
2020 2020
2020 2020 2019
2020 2020 2019 2019
2020 2020 2019 2019 2018
2020 2020 2019 2019 2018 2018
2020 2020 2019 2019 2018 2018 2018
2020 2020 2019 2019 2018 2018
2020 2020 2019 2019 2018 2018 2018 2018 2018 2017
2020 2020 2019 2019 2018 2018 2018 2018 2018 2017
2020 2020 2019 2019 2018 2018 2018 2018 2018 2017 2017
2020 2020 2019 2019 2018 2018 2018 2018 2017 2017 2017
2020 2020 2019 2019 2018 2018 2018 2018 2017 2017 2017 2017
2020 2020 2019 2019 2018 2018 2018 2018 2017 2017 2017
_

Business Practices and Ethics	2014
Subdivision Valuation	2014
Uniform Standards of Professional Appraisal Practice Update	2014
Introduction to Vineyard and Winery Valuation	2013
Appraising Rural Residential Properties	2012
Uniform Standards of Professional Appraisal Practice Update	2012
Supervisors/Trainees Patrice and Patrice Malaine against CIMa, CAPa, and DCFa	2011
Rates and Ratios: Making sense of GIMs, OARs, and DCFs	2011
Advanced Internet Search Strategies	2011
Analyzing Distressed Real Estate	2011
Uniform Standards of Professional Appraisal Practice Update	2011
Business Practices and Ethics	2011
Appraisal Curriculum Overview (2 Days – General)	2009
Appraisal Review - General	2009
Uniform Standards of Professional Appraisal Practice Update	2008
Subdivision Valuation: A Comprehensive Guide	2008
Office Building Valuation: A Contemporary Perspective	2008
Valuation of Detrimental Conditions in Real Estate	2007
The Appraisal of Small Subdivisions	2007
Uniform Standards of Professional Appraisal Practice Update	2006
Evaluating Commercial Construction	2005
Conservation Easements	2005
Uniform Standards of Professional Appraisal Practice Update	2004
Condemnation Appraising	2004
Land Valuation Adjustment Procedures	2004
Supporting Capitalization Rates	2004
Uniform Standards of Professional Appraisal Practice, C	2002
Wells and Septic Systems and Wastewater Irrigation Systems	2002
Appraisals 2002	2002
Analyzing Commercial Lease Clauses	2002
Conservation Easements	2000
Preparation for Litigation	2000
Appraisal of Nonconforming Uses	2000
Advanced Applications	2000
Highest and Best Use and Market Analysis	1999
Advanced Sales Comparison and Cost Approaches	1999
Advanced Income Capitalization	1998
Valuation of Detrimental Conditions in Real Estate	1999
Report Writing and Valuation Analysis	1999
Property Tax Values and Appeals	1997
Uniform Standards of Professional Appraisal Practice, A & B	1997
Basic Income Capitalization	1996

Exhibit I

Decommissioning Plan Hummingbird Solar Project Fleming County, Kentucky



Prepared for: Recurrent Energy 98 San Jacinto Blvd Suite 750 Austin, Texas, 78701

Prepared by: Stantec Consulting Services Inc. 76 San Marcos Street Austin, Texas 78702

Project No: 237800383 June 19, 2023

DECOMMISSIONING PLAN HUMMINGBIRD SOLAR PROJECT, FLEMING COUNTY, KENTUCKY

This document entitled Decommissioning Plan – Hummingbird Solar Project, Fleming County, Kentucky, was prepared by Stantec Consulting Services Inc. ("Stantec") for the use of Hummingbird Energy LLC, a subsidiary of Recurrent Energy (the "Client"). Stantec is an independent contractor and has no financial interest in the proposed project or the land upon which the project is proposed to be located. Stantec has experience in the decommissioning of solar electric generating facilities. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in this document are based on conditions and information existing at the time this document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others.

(signature)

JoAnne J. Blank Senior Associate, Senior Scientist

(signature)

Matthew A. Clementi, PE Senior Engineer

(signature)

Michael Barter, PE Senior Electrical Engineer MICHAEL P.

BARTER

25950

CENSE

6/20/23



i

Table of Contents

1.0	INTRODUCTION	
1.1	SOLAR PROJECT COMPONENTS	
1.2	TRIGGERING EVENTS AND EXPECTED LIFETIME OF PROJECT	
1.3	DECOMMISSIONING SEQUENCE	2
2.0	PROJECT COMPONENTS AND DECOMMISSIONING ACTIVITIES	4
2.1	OVERVIEW OF SOLAR FACILITY SYSTEM	4
2.2	SOLAR MODULES	
2.3	TRACKING SYSTEM AND SUPPORT	
2.4	INVERTER/TRANSFORMER STATIONS	
2.5	ELECTRICAL CABLING AND CONDUITS	
2.6	PROJECT SUBSTATION AND ABOVE GROUND TRANSMISSION LINE	_
2.7	BATTERY ENERGY STORAGE SYSTEM	
2.8 2.9	OPERATIONS AND MAINTENANCE BUILDINGPERIMETER FENCING, SITE ACCESS AND INTERNAL ROADS	
2.9	PERIMETER FENCING, SITE ACCESS AND INTERNAL ROADS	0
3.0	LAND USE AND ENVIRONMENT	8
3.1	AGRICULTURAL LAND USE	
3.2	RESTORATION AND REVEGETATION	_
3.3	SURFACE WATER DRAINAGE AND CONTROL	
3.4	MAJOR EQUIPMENT REQUIRED FOR DECOMMISSIONING	8
4.0	DECOMMISSIONING COST ESTIMATE SUMMARY	10
4.1	DECOMMISSIONING EXPENSES	
4.2	DECOMMISSIONING REVENUES	
4.3	DECOMMISSIONING COST SUMMARY AND FINANCIAL ASSURANCE	12
LIST	OF TABLES	
Table	1 Primary Components of Project to be Decommissioned	4
Table	2 Typical Access Road Construction Materials	7
	3 Estimated Decommissioning Expenses	
	4 Estimated Decommissioning Revenues 5 Net Decommissioning Cost Summary	
iabic	The Decommosioning Cost Cummary	12

LIST OF FIGURES

Figure 1 Project Layout



ii

1.0 INTRODUCTION

Hummingbird Energy LLC (Hummingbird), a subsidiary of Recurrent Energy (Recurrent), is proposing to construct the Hummingbird Solar Project (the Project) in Fleming County, Kentucky. The proposed Project is to be located within an unincorporated portion of Fleming County, Kentucky. Major components of the Project include bi-facial solar modules, a tracking system, inverter/transformer stations, battery energy storage system (BESS), a generation tie-in transmission line and a Project substation. The Project will occupy approximately 2,019 acres of land and will have a generating capacity of up to 200 megawatts (MW) alternating current (AC).

This Decommissioning Plan (Plan) provides a description of the decommissioning and restoration phase of the Project. Start-of-construction is planned for June 2025, with a projected Commercial Operation Date of June 2026. The decommissioning phase is assumed to include the removal of Project facilities as listed in Section 1.1 and shown in Figure 1.

This Plan includes an overview of the primary decommissioning Project activities, including the dismantling and removal of facilities, and subsequent restoration of land. A summary of estimated costs and revenues associated with decommissioning the Project are included in Section 4.0. The summary statistics and estimates provided are based on a 200-MW_[AC] Project array design. This Plan complies with Kentucky Revised Statutes (KRS) 278.706(2)(m), and to the extent applicable laws and regulations in the future conflict with this Decommissioning Plan, such laws and regulations will apply in lieu of the applicable portion of this Plan.

1.1 SOLAR PROJECT COMPONENTS

The main components of the Project include:

- · Solar modules and associated above ground cabling
- · Tracking system and steel piles
- Inverter/transformer stations
- Site access and internal roads
- BESS batteries and cabinets
- Perimeter fencing
- · Below ground electrical cabling and conduits
- Project substation
- Above ground transmission line

1.2 TRIGGERING EVENTS AND EXPECTED LIFETIME OF PROJECT

Project decommissioning may be triggered by events such as the end of a power purchase agreement or when the Project reaches the end of its operational life. The decommissioning phase will comply with requirements of the KRS or applicable law at time of decommissioning.



If properly maintained, the expected lifetime of a utility-scale solar panel is approximately 30 to 35 years with an opportunity for a project lifetime of 50 years or more with equipment replacement and repowering. Depending on market conditions and project viability, solar arrays may be retrofitted with updated components (e.g., modules, tracking system, etc.) to extend the life of a project. In the event that the facility is not retrofitted, or at the end of the Project's useful life, the solar arrays and associated components will be decommissioned and removed from the Project site. During the Project's useful life solar panels that are replaced or discarded will be removed from the site within 90 days.

The value of the individual components of the solar facility will vary with time. In general, the highest component value would be expected at the time of construction with declining value over the life of the Project. Over most of the life of the Project, components such as the solar modules could be sold in the wholesale market for reuse or refurbishment. As efficiency and power production of the panels decrease due to aging and/or weathering, the resale value will decline accordingly. Secondary markets for used solar components include other utility scale solar facilities with similar designs that may require replacement equipment due to damage or normal wear over time; or other buyers (e.g., developers, consumers) that are willing to accept a slightly lower power output in return for a significantly lower price point when compared to new equipment.

Components of the facility that have resale value may be sold in the wholesale market. Components with no wholesale value will be salvaged and sold as scrap for recycling or disposed of at an approved offsite licensed solid waste disposal facility. Decommissioning activities will include removal of the solar arrays and associated components as listed in Section 1.1 and described in Section 2.

1.3 DECOMMISSIONING SEQUENCE

Decommissioning activities will begin within 12 months of the Project ceasing operation. Monitoring and site restoration may extend beyond this period to ensure successful revegetation and rehabilitation. The anticipated sequence of decommissioning and removal is described below; however, overlap of activities is expected.

- Reinforce access roads, if needed, and prepare site for component removal
- Install temporary erosion control fencing and best management practices (BMPs) to protect sensitive resources
- De-energize solar arrays
- Dismantle panels and above ground wiring
- Remove trackers and piles
- Remove inverter/transformer stations, along with support piers and piles
- Remove above and below-ground electrical cables
- Remove BESS components
- Remove perimeter fencing
- Remove access and internal roads and grade site to restore original contours, as necessary



DECOMMISSIONING PLAN HUMMINGBIRD SOLAR PROJECT, FLEMING COUNTY, KENTUCKY

- Remove substation and above ground transmission line and poles if decommissioned per request by landowner; otherwise left in place for future use
- De-compact subsoils (if required), restore and revegetate disturbed land to a substantially similar state as it was prior to commencement of Project construction



2.0 PROJECT COMPONENTS AND DECOMMISSIONING ACTIVITIES

The solar facility components and decommissioning activities necessary to restore the Project to a substantially similar state as it was prior to commencement of construction of the Project, are described within this section.

2.1 OVERVIEW OF SOLAR FACILITY SYSTEM

Hummingbird anticipates utilizing approximately 401,476 solar modules, with a generating capacity of approximately 200 MW_[AC]. Statistics and cost estimates provided in this Plan are based on BiHiKu7 bifacial modules, although the final panel selection may vary prior to construction.

Foundations, steel piles, and electrical cabling and conduit (if any) above and below the surface will be removed. Access roads may be left in place if requested and/or agreed to by the landowner.

Estimated quantities of materials to be removed and salvaged or disposed of are included in this section. Most of the materials described have salvage value, although there are some components that will likely have none at the time of decommissioning. All recyclable materials, salvaged and non-salvage, will be recycled to the extent possible. All other non-recyclable waste materials will be disposed of in accordance with state and federal law in a licensed solid waste facility. Table 1 presents a summary of the primary components of the Project included in this decommissioning plan.

Table 1 Primary Components of Project to be Decommissioned

Component	Quantity	Unit of Measure
Solar Modules (approximate)	401,476	Each
Tracking System (full equivalent trackers)	6,922	Tracker
Steel Piles	64,592	Each
Inverters/Transformer Stations	53	Each
Electrical Cables and Conduits (below ground) (approximate)	158,000	Lineal Foot
Above Ground Medium Voltage Electrical Cable (approximate)	272,000	Lineal Foot
Perimeter Fencing (approximate)	278,604	Lineal Foot
Access Roads (approximate)	344,844	Lineal Foot
Overhead Transmission Line (approximate)	300	Lineal Foot
Substation	1	Each

2.2 SOLAR MODULES

Hummingbird is considering the BiHiKu7 Bifacial (680 watts) module for the Project. The module assembly (with frame) has a total weight of approximately 76.3 pounds and is approximately 85.5 inches long and



51.3 inches in width. The module is mainly comprised of non-metallic materials such as silicon, tempered glass, plastic, and epoxies, with an anodized aluminum alloy frame.

At the time of decommissioning, module components in working condition may be refurbished and sold in a secondary market yielding greater revenue than selling as salvage material.

2.3 TRACKING SYSTEM AND SUPPORT

The solar modules will be mounted on a single axis, one-in-portrait tracking system, such as the Horizon by Nextracker. An equivalent two-string, 58-module, tracker has been used to calculate removal costs. Each full equivalent tracker has an approximate length of 76 meters (250 feet). Smaller trackers may be employed at the edges of the layout, to efficiently utilize available space. The tracking systems are mainly comprised of galvanized steel; steel piles that support the system are comprised of structural steel.

The solar arrays will be deactivated from the surrounding electrical system and made safe for disassembly. Tracker lubricants will be removed and properly disposed of or recycled according to regulations current at the time of decommissioning. Electronic components, and internal electrical wiring will be removed and salvaged. The steel piles will be completely removed.

The supports, tracking system, and piles contain salvageable materials which will be sold to provide revenue to offset decommissioning costs.

2.4 INVERTER/TRANSFORMER STATIONS

Inverters and transformers are located within the array and will be mounted on skids supported by steel piles. Piles may be reinforced with concrete. The inverters and transformers will be deactivated, disassembled, and removed. Depending on its condition, the equipment may be sold for refurbishment and re-use. If not re-used, they will be salvaged or disposed of at an approved solid waste management facility. All oils and lubricants will be collected and disposed of at a licensed facility.

2.5 ELECTRICAL CABLING AND CONDUITS

The Project's underground electrical collection system will be placed at a depth of approximately three to four feet (36 to 48 inches) unless a greater depth is required. The Project will also utilize 34.5kV pole mounted above ground electrical cabling. Above and below-ground cabling and conduit will be removed.

2.6 PROJECT SUBSTATION AND ABOVE GROUND TRANSMISSION LINE

Hummingbird will include a Project substation as shown on the attached figure. The substation footprint will contain within its perimeter a gravel pad, one power transformer and footings, electrical control house and concrete foundations, as needed. An approximately 300-foot-long dedicated overhead transmission line connects the Project substation to a larger regional substation. The substation and transmission line are considered "interconnection and other facilities" as described in KRS 278.706(2)(m)(4), and thus, will remain in place unless otherwise requested by the landowner. If the landowner requests that the facilities



will be removed, the land will be restored to a substantially similar state as it was prior to commencement of construction of the Project.

The substation transformer may be sold for re-use or salvage. Components of the substation that cannot be salvaged will be transported off-site for disposal at an approved waste management facility. Foundations and footings will be demolished and removed. The substation and transmission line will service the Project and although they may be retained at the end of the Project life, an estimated decommissioning cost has been included in this Plan.

2.7 BATTERY ENERGY STORAGE SYSTEM

The Project site will include a BESS facility. BESS components will be located adjacent to the proposed Project substation. The BESS facility anticipates utilizing self-contained battery storage units installed on concrete foundations.

At the time of decommissioning the BESS and concrete foundations will be removed and recycled or properly disposed of. The BESS inverters, transformers and associated equipment will be deactivated, disassembled, and removed at decommissioning. Depending on condition, the inverters and transformer systems may be sold for refurbishment and re-use.

2.8 OPERATIONS AND MAINTENANCE BUILDING

Hummingbird will utilize a self-contained modular steel conex-style unit for an operations and maintenance (O&M) structure. Additional units may be utilized for storage of equipment. The O&M structure will be located near the Project substation and be installed on a gravel pad with connections to electrical or other services, as needed. The placement of the structure will be in conformance with all local and state building codes and will be removed during the decommissioning process.

2.9 PERIMETER FENCING, SITE ACCESS AND INTERNAL ROADS

The Project site will include an approximately six-foot-high chain link fence surrounding the perimeter of each array site. The fencing will be removed and sold for salvage or recycled at the end of the decommissioning phase.

A network of access roads will allow access to solar facility equipment. The internal access roads will be composed of gravel and total approximately 344,844 feet (65 miles) in length. The internal access road lengths may change with the final Project design. To be conservative, the decommissioning estimate assumes that all internal access roads will be completely removed.

During installation of the Project site access roads, subgrade conditions may be stabilized by the placement of geotextile reinforced granular fills over soft ground or compacted subgrade, by chemical stabilization, or by cement stabilization. This Plan assumes the installation of up to six inches of aggregate base materials over compacted subgrade. The estimated quantity of aggregate is provided in Table 2.



DECOMMISSIONING PLAN HUMMINGBIRD SOLAR PROJECT, FLEMING COUNTY, KENTUCKY

Table 2 Typical Access Road Construction Materials

Item	Quantity	Unit
Gravel or granular fill; six-inch thick	102,176	Cubic Yards

Decommissioning activities include the removal and stockpiling of aggregate materials on site for salvage preparation. It is conservatively assumed that all aggregate materials will be removed from the Project site and hauled up to five miles from the Project area. Following removal of aggregate, the access road areas will be graded, de-compacted with deep ripper or chisel plow (ripped to 18 inches), backfilled with native subsoil and topsoil, as needed, and land contours restored to a substantially similar state as it was prior to the commencement of construction of the Project.



3.0 LAND USE AND ENVIRONMENT

3.1 AGRICULTURAL LAND USE

The Project site topography is gently rolling with natural and man-made drainage waterways located in low-lying areas. The proposed solar facility is predominantly located on land currently utilized for agricultural purposes. The Project area will be returned to a substantially similar state as it was prior to the commencement of construction.

3.2 RESTORATION AND REVEGETATION

Portions of the Project site that have been excavated and backfilled will be returned to a substantially similar state as it was prior to the commencement of construction. Soils compacted during de-construction activities will be de-compacted, as necessary. County drains will be avoided. If present, private drain tiles that affect drainage of multiple parcels that were not avoided, rerouted, or repaired during construction and have been damaged will be repaired or replaced, as needed, in order to maintain appropriate drainage. Topsoil will be placed on disturbed areas, as needed, and seeded with appropriate vegetation in coordination with landowners. Restored areas will be revegetated in compliance with applicable laws and regulations in place at the time of decommissioning.

3.3 SURFACE WATER DRAINAGE AND CONTROL

As previously described, the proposed Project area is predominantly located in actively drained agricultural land. The terrain is gently rolling with several man-made and natural drainages. The Project facilities are being sited to avoid wetlands, waterways, and drainage ditches to the extent practicable.

Surface water conditions at the Project site will be reassessed prior to the decommissioning phase. Hummingbird will obtain the required water quality permits from the Kentucky Energy and Environment Cabinet (KEEC) and the U.S. Army Corps of Engineers (USACE), as needed, prior to decommissioning the Project. Required construction stormwater permits will also be obtained, and a Stormwater Pollution Prevention Plan (SWPPP) prepared describing the protection needed to reflect conditions present at the time of decommissioning. Best Management Practices (BMPs) may include enhancement of construction entrances, temporary seeding, permanent seeding, mulching (in non-agricultural areas), erosion control matting, silt fence, filter berms, and filter socks.

3.4 MAJOR EQUIPMENT REQUIRED FOR DECOMMISSIONING

The activities involved in decommissioning the Project include removal of the Project components: solar modules, racking, tracking system, foundations and piles, battery storage units, inverters, transformers, access roads, and electrical cabling and conduits. Restoration activities include back-filling of pile and foundation sites; de-compaction of subsoils; grading of surfaces to pre-construction land contours; and revegetation of the disturbed areas.



DECOMMISSIONING PLAN HUMMINGBIRD SOLAR PROJECT, FLEMING COUNTY, KENTUCKY

Equipment required for the decommissioning activities is similar to what is needed to construct the solar facility and may include, but is not limited to: small cranes, low ground pressure (LGP) track mounted excavators, backhoes, LGP track bulldozers and dump trucks, front-end loaders, deep rippers, water trucks, disc plows and tractors to restore subgrade conditions, and ancillary equipment. Standard dump trucks may be used to transport material removed from the site to disposal facilities.



4.0 DECOMMISSIONING COST ESTIMATE SUMMARY

Expenses associated with decommissioning the Project will be dependent on labor costs at the time of decommissioning. For the purposes of this report, 2023 average market values were used to estimate labor expenses. Fluctuation and inflation of the labor costs were not factored into the estimates.

4.1 DECOMMISSIONING EXPENSES

During decommissioning, the Project will incur costs associated with disposal of components not sold for salvage, including materials which will be disposed of at a licensed facility, as required. Decommissioning costs also include backfilling, grading, and restoration of the proposed Project site as described in Section 3. Table 3 summarizes the estimates for decommissioning activities associated with the major components of the Project. Costs are based on a 240 MW direct current (DC) site design, converting to 200 MW_[AC].

Table 3 Estimated Decommissioning Expenses

Activity	Unit	Number	Cost per Unit	Total
Overhead and management (includes estimated permitting required)	Lump Sum	ump Sum 1 \$1,340,000		\$1,340,000
Solar modules; disassembly and removal	Each	401,476	\$4.95	\$1,987,306
Tracking system disassembly and removal	Each	6,922	\$480	\$3,322,560
Steel pile/post removal (includes trackers and solar inverter stations)	Each	64,592	\$10.70	\$691,134
Inverter/transformers stations	Each	53	\$1,860	\$98,580
Remove buried electrical cable	Lineal Foot	158,000	\$0.90	\$142,200
Remove above ground medium voltage electrical cable including wood poles	Lump Sum	1	\$380,800	\$380,800
Access road excavation and removal	Lump Sum	1	\$651,050	\$651,050
Perimeter fence removal	Lineal Foot	278,604	\$4.60	\$1,281,578
Topsoil replacement and rehabilitation of site	Lump Sum	1	\$3,814,950	\$3,814,950
BESS removal (estimated)	Lump Sum	1	\$720,500	\$720,500
Substation removal	Lump Sum	1	\$300,000	\$300,000
Above ground transmission line and poles	Lump Sum	1	\$14,000	\$14,000
Total Estimated Decommissioning Cost	\$14,744,658			



4.2 DECOMMISSIONING REVENUES

Revenue from decommissioning the Project will be realized through the sale of the facility components and construction materials. As previously described, the value of the decommissioned components will be higher in the early stages of the Project and decline over time. Resale of components such as solar panels is expected to be greater than salvage (i.e., scrap) value for most of the life of the Project, as described below. For the purposes of this Plan, only estimated salvage values were considered in net revenue calculations, as this is the more conservative estimate strategy. Modules and other solar facility components can be sold within a secondary market for re-use. A current sampling of reused solar panels indicates a wide range of pricing depending on age and condition (\$0.10 to \$0.30 per watt). Future pricing of solar panels is difficult to predict at this time, due to the relatively young age of the market, changes to solar panel technology, and the ever-increasing product demand. A conservative estimation of the value of solar panels at \$0.10 per watt would yield approximately \$24,000,000. Increased costs of removal, when preparing for resale versus salvage, would be expected in order to preserve the integrity of the panels; however, the net revenue would be substantially higher than the estimated salvage value, thus offsetting higher removal cost.

The resale value of components such as trackers may decline more quickly; however, the salvage value of the steel that makes up a large portion of the tracker is expected to stay at or above the value used in this report.

The market value of steel and other materials fluctuates daily and has varied widely over the past five years. Salvage value estimates were based on an approximate five-year-average price of steel and copper derived from sources including on-line recycling companies and United States Geological Survey (USGS) commodity summaries. The price used to value the steel used in this report is \$262 per metric ton; aluminum at \$0.40 per pound; silicon at \$0.40 per pound; and glass at \$0.05 per pound.

The main material of the tracking system and piles is assumed to be salvageable steel. The main components of the solar modules are glass and silicon with aluminum framing. A 50 percent recovery rate was assumed for all panel components, due to the processing required to separate the panel components. Alternative and more efficient methods of recycling solar panels are anticipated before this Project is decommissioned, given the large number of solar facilities that are currently being developed. Table 4 summarizes the potential salvage value for the solar array components and construction materials.

Battery energy storage systems will retain a significant resale value during the early phases of their life cycle. During the first 10 years of the Project, BESS units, or the individual battery cells, will likely be sold for re-use. It is estimated that the battery units' value during the first ten years of the Project life would offset (or exceed) the cost of preparation and shipping. Although additional revenue due to resale may be generated during this stage of the Project, these revenues are not reflected in Table 5.



Table 4 Estimated Decommissioning Revenues

Item	Unit of Measure- ment	Quantity per Unit (weighted average)	Salvage Price per Unit	Total Salvage Price per Item	Number of Items	Total
Panels - Silicon	Pounds per Panel	2.1	\$0.40	\$0.840	401,476	\$337,240
Panels - Aluminum	Pounds per Panel	3.3	\$0.40	\$1.320	401,476	\$529,948
Panels - Glass	Pounds per Panel	31.3	\$0.05	\$1.565	401,476	\$628,310
Tracking System and Posts	Metric tons per MW _[DC]	32.0	\$262	\$8,384	240	\$2,012,160
Buried Cable – Aluminum	Pounds per Foot			\$0.190	158,000	\$30,020
Above Ground Cable – Aluminum	Pounds per Foot			\$0.190	272,000	\$51,680
Substation Components (steel and transformer)	Lump Sum	1	\$50,000	\$50,000	1	\$50,000
Total Potential Revenue					\$3,639,358	

^{*} Revenue based on salvage value only. Revenue from used panels at \$0.10 per watt could raise \$24,000,000 as resale versus the estimated salvage revenue.

4.3 DECOMMISSIONING COST SUMMARY AND FINANCIAL ASSURANCE

The following is a summary of the net estimated cost to decommission the Project, using the information detailed in Sections 4.1 and 4.2. Estimates are based on 2023 prices, with no market fluctuations or inflation considered. Table 5 represents the total estimated net decommissioning cost.

Table 5 Net Decommissioning Cost Summary

Item	Cost/Revenue
Decommissioning Expenses	\$14,744,658
Potential Revenue – salvage value of panel components and recoverable materials	\$3,639,358
Net Decommissioning Cost	\$11,105,300

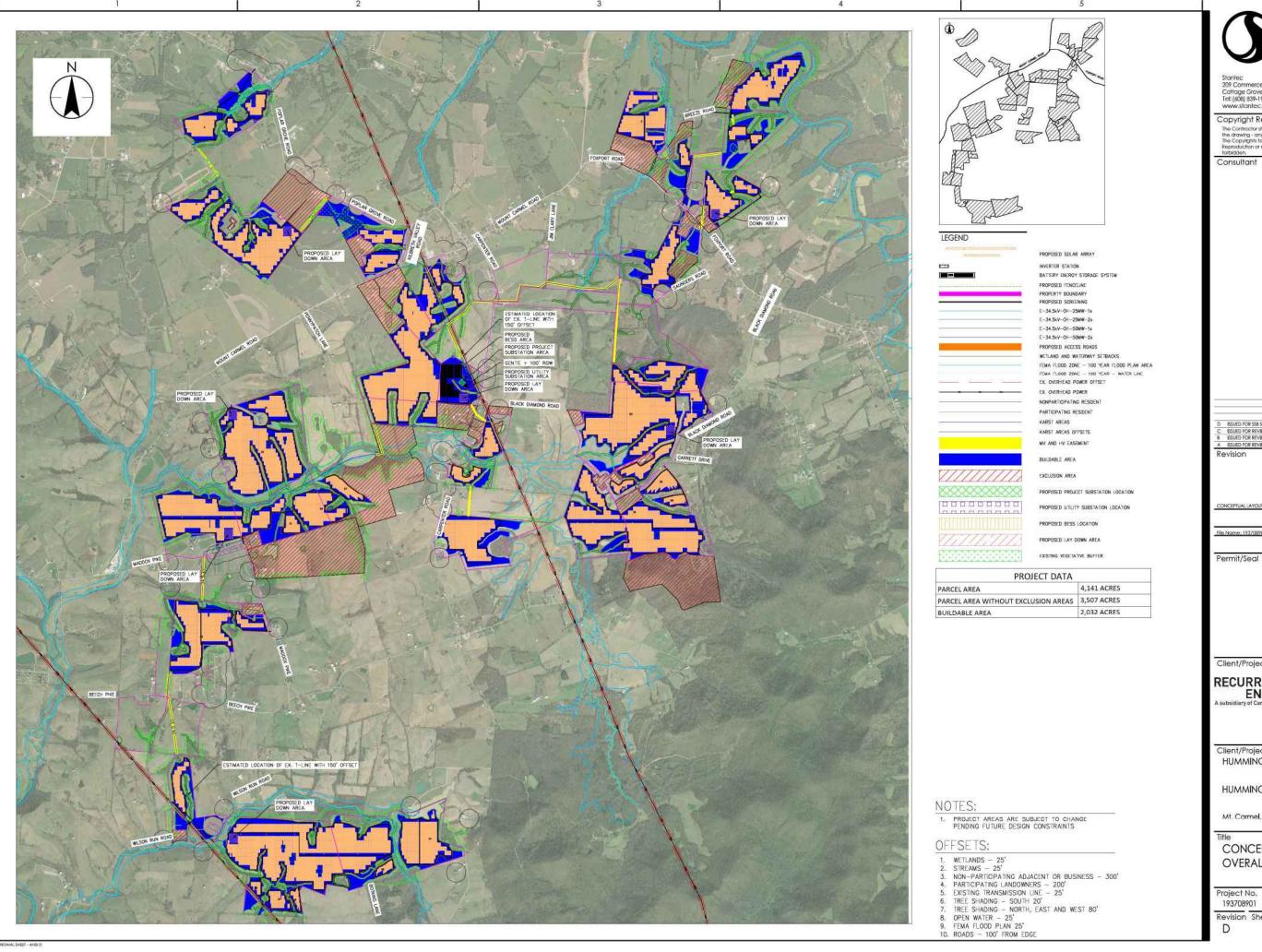
In compliance with KRS 278.706(2)(m), Hummingbird has indicated that they will secure a bond or other similar security for the Project to assure financial performance of the decommissioning obligation. The form of the bond or similar security, and its amount, will comply with applicable law and be acceptable to the Project's landowners and the Fleming County Fiscal Court. Hummingbird will amend the leases with the Project's landowners to incorporate the Plan's provisions as appropriate. Hummingbird Energy LLC will be responsible for decommissioning the Project facilities.



DECOMMISSIONING PLAN HUMMINGBIRD SOLAR PROJECT, FLEMING COUNTY, KENTUCKY

Figure 1 Project Layout







srantec 209 Commerce Parkway, P.O. Box 128 Cottage Grove, Wisconsin 53527-8955 Tel: (608) 839-1998 www.stantec.com

Copyright Reserved

Contractor shall verify and be responsible for all dimensions. DO NOT scale drawing - any seriors or omissions shall be reported to Stantec without delay. Copyrights to all designs and drawings are the property of Stantec. reduction or use for any purpose other than that authorized by Stantec is

V	ISSUED FOR SSB SUBMISSION	DK	CM	2023.05.26
-	ISSUED FOR REVIEW	JB	DK	2023.02.08
	ISSUED FOR REVIEW	7G	DK	2022.07.11
	ISSUED FOR REVIEW	ZG-	DK	2022.05,19
E	evision	By	Appd	YYYY.MM.DD

		Ву	Appd	YYYY.MM.DD
le Name: 193708901 C100	2G	ZG	DK	2022.03.25
National Association of the Control	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Client/Project Logo

RECURRENT EN=RGY

Client/Project HUMMINGBIRD SOLAR PROJECT, LLC

HUMMINGBIRD SOLAR PROJECT

Mt. Carmel, Kentucky (Fleming County)

CONCEPTUAL LAYOUT **OVERALL SITE**

193708901 Revision Sheet

Scale NTS Drawing No.