# Attachment D

Public Involvement Documents

## Open House Invitation Template April 1, 2023





**GreenGo Energy US, Inc.** 1900 South Blvd. Suite 306 Charlotte, NC 28203

Owner 1 Owner2 Street City, State Zip

March 15, 2023

Dear,

We would like to invite you to attend an open house on April 1, 2023 from 2-4pm to answer any questions you may have about the proposed Banjo Creek Solar Project.

As you may know, GreenGo Energy is developing a solar farm on a portion of the Wilferd, Diel and Coltharp farms. Since your property is within 1000 feet of this land, we would like to address questions you may have. GreenGo Energy representatives will be available meet you, show you our project and speak with you directly at the open house.

The open house will be hosted at Sedalia Café, 5593 State Route 97, Mayfield KY. Please join us for appetizers, pizza and soft drinks.

We thank you for your consideration and look forward to meeting you on April 1<sup>st</sup>. Should you have any questions or concerns please contact us at (704) 390-8966 or visit <u>www.greengoenergyus.com</u>.

Sincerely,

Bonnie Brown | Senior Specialist, Development & Delivery GreenGo Energy US, Inc. Email: bsb@greengoenergy.com M: 704.390.8966 Open House Reminder Notice April 1, 2023



## YOU'RE INVITED

REMINDER

GreenGo Energy Open House Sedalia Cafe April 1, 2p-4p

greengoenergy



Dear Neighbor,

Just a reminder, you're invited to attend our open house on April 1, 2023 from 2-4pm to answer any questions you may have about the proposed Banjo Creek Solar Project.

To:

The Open House will be at:

Sedalia Café 5593 State Route 97 Mayfield, KY

Please join us for appetizers, pizza and soft drinks. If you have any questions please feel free to reach out (704) 390-8966. We hope to meet you there.

Sincerely,

Open House Invitee List April 1, 2023

Public Meeting Invitee List May 16, 2023

Public Meeting Reschedule Invitee List June 6, 2023



First	Last	Organization	Street	City	State	Zip
Jan	Hartsfield		745 Wilferd Rd.	Farmington	KY	42040
Andrew & Lacey	Clinton		1802 Beech Grove Rd.	Farmington	KY	42040
Angela Kay	Bunch		12834 State Route 564 S	Farmington	KY	42040
Anna Sue	Faughn		1500 Beech Grove Rd.	Farmington	KY	42040
AV	Sims		6418 Barberry Rd.	Paducah	KY	42001
Bobby Ed	Coltharp		1958 Dr. Melvin Rd.	Sedalia	KY	42079
Brenda Gail	Rhodes		1500 Beech Grove Rd.	Farmington	KY	42040
Cathy	Downs		1884 Beech Grove Rd.	Farmington	KY	42040
Chris & Kelly	Douglas		2273 Kelson Rd.	Murray	KY	42071
Dale	Jones		726 Dr. Melvin Rd.	Sedalia	KY	42079
David & Sandy	McEndree		10642 State Route 564 S.	Farmington	KY	42040
Ferrel & Eleanor	Miller		659 Protemus Rd.	Murray	KY	42071
Hal & Todd	Fuqua		1884 Beech Grove Rd.	Farmington	KY	42040
James & Joyce	Wilferd		1299 Wilferd Rd.	Farmington	KY	42040
James Ronald	Galloway		5248 State Route 339 E.	Sedalia	KY	42079
Jeffrey Lyn	Adams		12834 State Route 564 S	Farmington	KY	42040
Jesse Lee	Adams		PO Box 2600	Paduchah	KY	42002
Jimmy	Jackson		11113 State Route 564 S	Farmington	KY	42040
Jody William	Hartsfield		545 Wilferd Rd.	Farmington	KY	42040
John	Hunter		10500 State Route 564 S.	Farmington	KY	42040
John & Shae	Weaks		10370 State Route 564 S	Farmington	KY	42040
Kelly	Strickland		PO Box 112	Farmington	KY	42040
Kristina	Fazi		PO Box 112	Farmington	KY	42040
Louise & Clint	Smith		1557 Dove Rd	Mayfield	KY	42066
Malcolm & Naomi	Jetton		4656 State Route 339 E.	Sedalia	KY	42079
Mary Edna	Wilferd		871 Wilferd Rd.	Farmington	KY	42040
Matthew & Mandy	Cochran		5445 State Route 336 E	Sedalia	KY	42079
Michael	Cash		10414 State Route 564 S.	Farmington	KY	42040

Michel Diane	Young		2022 State Route 336 W	Mayfield	KY	42066
Michele	Douglas		2022 State Route 336 W	Mayfield	KY	42066
Mitchell	lvy		10877 State Route 564 S.	Farmington	KY	42040
Ray	Murdock		726 Dr. Melvin Rd.	Sedalia	KY	42079
Sabrina	Wilferd		1063 Wilferd Rd	Farmington	KY	42040
Samuel & Bettye	Johnson		1425 Beech Grove Road	Farmington	KY	42020
Terry & John	Hunter	Hunter, Hunter Family Farm LLC	2259 Flood Rd.	Mayfield	KY	42066
William & Kimberly	Galloway		244 Antioch Church Rd.	Farmington	KY	42040
William & Starlyne	Forrester		1694 Jones Rd.	Murry	KY	42071
Zachary	Weaks		10170 State Route 564 S	Farmington	KY	42040
		Rogers Family Limited Partnership	887 Ory Rd.	Murray	KY	42071

Open House Sign-In Sheet April 1, 2023





Banjo Creek Solar Open House April 1, 2023 Sedalia Cafe, Sedalia KY

## SIGN-IN SHEET

Name	Address	Phone	E-Mali	Attended (Y/N)
David Andrew & Lacey Clinton	1802 Beech Grove Road Farmington, KY 42040			
Angela Bunch & Jeffrey Adams	12834 State Road 564 Farmington, KY 42040			
Bobby Ed Colthorp	1958 R. Melvin Road Sedalia, KY 42079			
Cathy Downs	1884 Beech Grove Road Farmington, KY 42040			
Chris & Kelly Douglas	2120 Kelso Rd. Murray, KY 42071			
Dale Jones & Ray Murdock Dale Jones & Ray Murdock Limited Partner	726 Dr. Melvin Road Sedalia, KY 42079			
Ferrell & Elenore Miller	659 Protiums Rd. Murray, KY 42071			
Hall Faqua & Todd Faqua	1884 Beech Grove Road Farmington, KY 42040			
Hunter Family Farm Terry, John & Tawanya	2259 Flood Road Mayfield, KY 42066			
Hasty Lloyd Allen Inter Vivos Trust	132 Courtnay Parkway Merritt Island, FL 32952			
Ivy & Charity Mitchell	10877 State Route 564 Farmington, KY 42040			
James & Sonya Huie	PO Box 112 Farmington, KY 42040			
James Galloway	5248 State Route 336 Sadalia, KY 42079		8	

Name	Address	Phone	E-Mail	Attended (Y/N)
James & Joyce Wilferd	1299 Wilferd Road Farmington, KY 42040			
Jan Hartsfield	745 Wilferd Road, Farmington, KY 42010			4
Jessee Adams Testementary	PO Box 2600 Paducah, KY 42002			
Jimmy & Charline Jackson	1113 State Route 64 Farmington KY 42040			
John Eric Hunter	10500 State Route 564 Farmington, KY 42040			
Jody William Hartsfield	545 Wilferd Road Farmington, KY 42040			
John Michael & Shae Weaks	10370 State Route 564 Farmington, KY 42040			$\downarrow$
Kenneth & Anna Sue Faughn	1500 Beech Grove Road Farmington, KY 42040			l
Louise & Clint Smith	1557 Dove Road Mayfield, KY 42066			
Malcom & Naomi Jetton	4656 State Route 336 Sedalia, KY 42079			
Mary Edna Wilferd	871 Wilferd Road Farmington, KY 42040			
Matthew & Mandy Cochren	5445 State Route 336 Sedalia, KY 42079	9 A.29		4
Michael Cash	10414 State Route 564 Farmington, KY 42040			1
Michelle Douglas	2022 State Route 336 Mayfield, KY 42066		-	
Ray & Barbara Jones	10772 State Route 564 Farmington, KY 42040			
Sabrina Wilferd	1063 Wilferd Road Farmington, KY 42040			

Name	Address	Phone	E-Mail	Attended (Y/N)
Samuel & Betty Johnson	1425 Beech Grove Road Farmingto, KY 42040			
Scott & Kelly Wilferd	PO Box 100 Farmington, KY 42040			
Shane & Sandy McEndree	10642 State Route 564 Farmington, KY 42040			4
Sims AV & Others	PO Box 1065 Paduchah, KY 42002			(
William & Starlyne Forrester	1694 Jones Road Murray, KY 42071			
William & Kimberly Galloway	10170 State Route 564 Farmington, KY 42040			
Billy ~ MARilys Kinsey	560 EAS/ERd SEDALIA, Thy.			
herry it to the	Seculia, Ry			
Rejth Lowry	Pilot Oak Ky			
Jodd Hayd	Fancy Form Ky			
Bubba Winfrey	MAY Field Ky			
Date Julbroay	112 Eagle Rd, Sedalut	51		
mithall C	10879 St Rt S64 S Fermington			
Tyler Goodham	St May Freld KY			
MATT & MANDY LOCHRAN	5445 ST EI 339E SEDALIA KY 47079.			
323	-2			

## Open House Presentation Drawing April 1, 2023







## Public Meeting Invitation Template May 16, 2023





**GreenGo Energy US, Inc**. 1900 South Blvd. Suite 306 Charlotte, NC 28203

April 28, 2023

«First\_» «Last» «Mailing\_Street» «Mailing\_City\_», «Mailing\_State» «Mailing\_Zip»

Dear «First\_»,Salutation,

GreenGo Energy US, Inc would like to cordially invite you to learn more about our solar project investment in Graves County: Banjo Creek Solar LLC. Banjo Creek Solar is proposing to construct a 120 MW AC photovoltaic solar energy generator. The project will be located in the vicinity of the intersection of KY Rt 564 and Ky Rt 339 and Antioch Church Rd, south of Farmington. The coordinates are 36°38'15.9"N 88°31'44.5"W. The facility will consist in approximately 850 acres of solar panels and associated racking, inverters, battery storage, and a project substation.

There are currently three local landowners under long-term leases for the development of their property for this project.

At GreenGo Energy we have deep experience with developing large solar energy projects in the US and abroad. We know that for a project to be successful, close and respectful collaboration with the landowners, local community, municipality, and potential neighbors is vital. That is why we make sure to involve all parties in a transparent way before applying for a new solar farm to be established.

As part of our effort to get to know our new neighbors, we are hosting a community meeting Tuesday, May 16<sup>th</sup>, at 5:30 pm- 6:30 pm at Sedalia Cafe located at 5593 KY 97, Sedalia, KY 42079. Refreshments will be provided.

It is important to us that you have an opportunity to learn about the project and get to know who we are.

If you can't attend, but would still like to speak with us, please reach out to us at the contacts listed below or visit our websites:

Company Website: <u>www.greengoenergyus.com</u> Project Website: <u>www.banjocreeksolar.com</u>

We look forward to meeting you on the 16th.

Jonathan Flemings Director, Development jf@greengoenergy.com (704) 712-4916

Bonnie Brown Landowner Relations <u>bsb@greengoenergy.com</u> (704) 360-8966

## Public Meeting Public Notice Publication May 16, 2023





is looking to hire experienced bricklayers and laborers for full time positions Please call 270-217-3530

NEED HELP FIXING things at home? Call **Thomas Bowman** 217-693-9466 for Carpentry/Handyman repairs.

The Paducah Sun **Circulation Department** 

#### Customer Service/Classified Representative

FULL TIME JOB

### JOB SUMMARY:

Responsible for answering customer calls quickly and courteously in order to accurately process all transactions and to represent The Paducah Sun with the best possible customer service. Processing transactions includes recording needed information, sending information to appropriate.

destinations and verifying that transaction is being handled and customer is being satisfied. Responsibilities also include proper paperwork for postal reports, payments, credits, and adjustments, etc.

#### JOB DESCRIPTION:

Answer customer calls, identify customer request, process customer request using circulation program system. Enter proper paperwork for credits, debits. adjustments, starts, stops. Verify stops and other special retention programs used to main-tain and sell new subscriptions. Be able to react to changes in productivity and to handle other essential task as assigned. This job is closely supervised, with daily work checks. Must be able to maintain confidentiality as this position allows access to customer records, handles cash, checks and credit card payments.

This position requires you to speak fluently when speaking with customers in a friendly manner.

JOB SPECIFICATIONS:

High School diploma or GED Poses good data entry skills, ,basic mathematics and good

OF KENTUCKY GRAVES COUNTY MAYFIELD, KENTUCKY 42066 JESSE PERRY, COUNTY JUDGE EXECUTIVE 270-247-3626

LEGAL NOTICE FOR BIDS Notice is hereby given that the Graves County Fiscal Court will accept sealed bids for Health Insurance for the period July 1, 2023- June 30, 2024, with the option to renew each year until June 30, 2027. Said bids will be received in the Office of the Graves County Judge/Executive, Jesse Perry, up until 10:00 AM, on May 4, 2023, at which time said bids will be opened and read. Bid will be awarded at the Graves County Fiscal

the right to reject any or all bids.

The McCracken County Board of Education requests proposals for Paving and Striping of parking lots at Heath Element-ary School, Heath Middle School, and Concord Elementary School. Bid proposals will be accepted until opened at 10:00 a.m. CDT on Thursday, May 16, 2023. Bid-ding packets will be available at McCracken County Board of Education Office on Monday, May 1, 2023.

For Bidding information contact Todd Jackson by email at todd.jackson@mccracken.ky-<u>schools.us</u>





Lots of bargains on new and used merchandise appear in the classifieds every day.

Be a daily reader and get in to the savings.





SINCE

1954

Irrigation Wells

and Geothermal.

Storage/Portable Buildings, Tractors, Mowers, ATV's, Attachments, Autos, Tools, Furniture, Appliances ¢ More!! Something for everyone!!! NO BUYER'S PREMIUM!! Visit www.bunchbrothers.com to for more information ¢ pictures!



Public Meeting Public Notice Publication Affidavit May 16, 2023



## AFFIDAVIT

I, SELENA WARD, Sales Manager of The Mayfield Messenger, a newspaper of general circulation, published in the City of Mayfield, County of Graves, State of Kentucky, do hereby affirm the legal advertisement attached was published in the <u>Hpvil 29, 2023</u> issue of The Mayfield Messenger.

- le Ward

Selena Ward Sales Manager The Mayfield Messenger

Sworn to and before me, a Notary, on this the  $28^{\circ}$  day of <u>August</u>,  $2023^{\circ}$ .

nihert

(Notary signature)

My commission expires:

ember



#### NOTICE OF PUBLIC MEETING

Banjo Creek Solar LLC is proposing to construct and operate a solar energy project in Graves County, Kentucky. The proposed Banjo Creek Solar Project will be located on approximately 850 acres near the intersection of Ky Rt. 564, Ky Rt. 339, and Antioch Church Road South of Farmington. The photovoltaic solar project will consist of solar panels, associated racking, inverters, battery storage and a project substation. A public meeting to inform the community about the project will take place on Tuesday, May 16, 2023 from 5:30-6:30 PM at the Sedalia Café located at 5593 Sedalia, Kentucky 42079.

Anyone with questions about the May 16 public meeting or the Banjo Creek Solar Project may request information by emailing Bonnie Brown at bsb@greengoenergy.com or calling (704) 390-8966 Public Meeting Invitee Certified Letter Receipts May 16, 2023



### Certified Mailing Receipts for Public Meeting May 16



	·····
Malling Date:	4/28/2023
Est. Delivery:	3 days
Service:	First Class (R)
Signature:	Requested
Tracking:	9415511899562298532307

The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service.



stamps

### DINITED STATES

This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### **Shipment Details**

Shipped To:	Mitchell Ivy 10877 State Route 564 S, Farmington, KY 42040-9522
Malling Date:	4/28/2023
Est. Delivery:	3 days
Service:	First Class (R)
Signature:	Requested
Tracking:	9415511899562298533311

The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service.



The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service. The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service.



The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service. Date





This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### **Shipment Details**

Shipped To: Jan Hartsfield 745 Wilferd Rd, Farmington, KY 42040-9517 Mailing Date: 4/28/2023

Est. Delivery: 3 days

Service: First Class (R)

Signature: Requested

Tracking: 9415511899562298252403

The shipment information contained in this email is provided by Stam For questions about this package, please contact Bonnie Brown or U.S. Postal Service,



This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### **Shipment Details**

Shipped To: James Ronald Galloway 5248 State Route 339 E, Sedalla, KY 42079-9531

Mailing Date: 4/28/2023

Est. Delivery: 3 days

Service: First Class (R)

Signature: Requested

Tracking: 9415511899562298254025

The shipment information contained in this email is provided by Stam For questions about this package, please contact Bonnie Brown or U.S. Postal Service.

## stamps



This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### Shipment Details

Shipped To: Ferrel & Eleanor Miller 659 Protemus Rd, Murray, KY 42071-4536 Mailing Date: 4/28/2023 Est. Delivery: 3 days

Service: First Class (R)

Signature: Requested

Tracking: 9415511899562298298159

The shipment information contained in this email is provided by Starr For questions about this package, please contact Bonnie Brown or U.S. Postal Service.

### stamps



This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### **Shipment Details**

Shipped To: Cathy Downs 1884 Beech Grove Rd, Farmington, KY 42040-9333

- Mailing Date: 4/28/2023
- Est. Delivery: 3 days
  - Service: First Class (R)

Signature: Requested

Tracking: 9415511899562299182556

The shipment information contained in this email is provided by <u>Stamps.com</u>. For questions about this package, please contact Bonnie Brown or U.S. Postal Service.





This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### **Shipment Details**

Shipped To:	Brenda Gail Rhodes 1500 Beech Grove Rd, Farmington, KY 42040-9336
Mailing Date:	4/28/2023
Est. Delivery:	3 days
Service:	First Class (R)
Signature:	Requested

Tracking: 9415511899562299183041

The shipment information contained in this email is provided by Stan For questions about this package, please contact Bonnie Brown or U.S. Postal Service.

com.	Approved Lioensen Vinne Postal Service
This message was se have shipped a packa package, please refer	nt to you at the request of Bonnie Brown, to notify you that they ge to you. For details about your shipment or to track your to the information below.
Shipment Details	
Shipped To:	Angela Kay Bunch 12834 State Route 564 S, Farmington, KY 42040-9545
Mailing Date:	4/28/2023
Est. Delivery:	3 davs
Service:	First Class (R)
Signature	Bequester
Tracking:	9415511899662299500916
The shipment informa For questions about th	tion contained in this email is provided by <u>Stamps.com</u> . his package, please contact Bonnie Brown or U.S. Postal Service.
amps	Approvid Licensed Ven
Shipment Details	
Shipped To:	Dale Jones 726 Dr Melvin Rd, Sedalia, KY 42079-9540
Mailing Date:	4/28/2023
Est. Delivery:	3 days
Service:	First Class (R)
Signature:	Requested
Tracking:	9415511899562299181566
The shipment informa For questions about t	tion contained in this email is provided by <u>Stamps.com</u> . his package, please contact Bonnie Brown or U.S. Postal Service.
amps com	Approved Licensed Wei VIVITED STOT POSTOL SERVI
This message was se have shipped a packa package, please refer	nt to you at the request of Bonnie Brown, to notify you that they tge to you. For details about your shipment or to track your to the information below.
Shipment Details	

Mailing Date: 4/28/2023

- Est. Delivery: 3 days
  - Service: First Class (R)
- Signature: Requested
- Tracking: 9414811899562299887378
- The shipment information contained in this email is provided by Sta

For questions about this package, please contact Bonnie Brown or U.S. Postal Service.



POSTAL SERVICE

Receipt

May 01, 2023

0 lbs. 2 oz

GGEUST

<None>

E-refund

Shipping label

Apr 29, 2023

28203

This message was sent to you at the request of Bonnie Brown, to notify you that they have shipped a package to you. For details about your shipment or to track your package, please refer to the information below.

#### Shipment Details

M Es

Shipped To:	AV Sims 6418 Barberry Dr, Paducah, KY 42001-8635
Mailing Date:	4/28/2023
Est. Delivery:	3 days
Service:	First Class (R)
Signature:	Requested
Tracking:	9415511899562299128080

The shipment information contained in this email is provided by Stamps.com For questions about this package, please contact Bonnie Brown or U.S. Postal Service. Public Meeting Invitation Reschedule Template June 6, 2023





**GreenGo Energy US, Inc**. 1900 South Blvd. Suite 306 Charlotte, NC 28203

May 11, 2023

«First\_» «Last» «Mailing\_Street» «Mailing\_City\_», «Mailing\_State» «Mailing\_Zip»

Dear «First\_»,

We previously sent a certified mail letter to your residence to invite you a public meeting on May 16<sup>th</sup>. This letter is to inform you that <u>the May 16<sup>th</sup> public meeting has been rescheduled to June 6<sup>th</sup></u> per the details below.

GreenGo Energy US, Inc would like to cordially invite you to learn more about our solar project investment in Graves County: Banjo Creek Solar LLC. Banjo Creek Solar is proposing to construct a 120 MW AC photovoltaic solar energy generator. The project will be located in the vicinity of the intersection of KY Rt 564 and Ky Rt 339 and Antioch Church Rd, south of Farmington. The coordinates are 36°38'15.9"N 88°31'44.5"W. The facility will consist in approximately 1270 acres of solar panels and associated racking, inverters, battery storage, and a project substation. There are currently three local landowners under long-term leases for the development of their property for this project.

At GreenGo Energy we have deep experience with developing large solar energy projects in the US and abroad. We know that for a project to be successful, close and respectful collaboration with the landowners, local community, municipality, and potential neighbors is vital. That is why we make sure to involve all parties in a transparent way before applying for a new solar farm to be established.

As part of our effort to get to know our new neighbors, we are hosting a public meeting **Tuesday, June 6<sup>th</sup>, at 5:30 pm- 6:30 pm** at Sedalia Cafe located at 5593 KY 97, Sedalia, KY 42079. Refreshments will be provided. In addition to the community meeting, Jonathan Flemings will be in Farmington on May 15<sup>th</sup> and 16<sup>th</sup> and would like to arrange to meet with you about the site plan at your convenience. Please let us know if there is a time that you are available.

Company Website: <u>www.greengoenergyus.com</u> Project Website: <u>www.banjocreeksolar.com</u>

We look forward to seeing you either on May 15<sup>th</sup> or 16<sup>th</sup> or at the June 6<sup>th</sup> public meeting in Sedalia!

Jonathan Flemings Director, Development <u>jf@greengoenergy.com</u> (704) 712-4916 Bonnie Brown Landowner Relations <u>bsb@greengoenergy.com</u> (704) 390-8966 Public Meeting Rescheduled Public Notice Publication June 6, 2023



# Beshear: Credit agency boosts state's financial outlook

#### BY MAYFIELD MESSENGER STAFF

FRANKFORT On Friday, May 12, Gov. Andy Beshear announced the first-ever state-level credit rating upgrade from the major credit rating agency Fitch Ratings, which moved Kentucky's rating up from AA- to AA.

In general, the rating is a measure of the state's ability to pay debts and the overall health of Kentucky's economy.

According to a news release, the governor said the increased con-

financial outlook will mean lower costs for steward of taxpayer taxpayers on the state's dollars; and this is one investments in critical more positive sign that infrastructure projects Kentucky's economy is — like roads, bridges and schools — which help move the state forward while helping families

"This is the first state-level credit rating increase Kentucky has received in 13 years, and it's the first-ever state-level upgrade for Kentucky by Fitch," Beshear said. "Kentuckians are celebrating

fidence in Kentucky's proves that this adminis- the majority of Ken- Fund are reflected in ing its overall financial tration has been a good booming, and that our fiscal house is in order."

Fitch Ratings started rating Kentucky in 2014. The new Fitch report also shows that Kentucky teacher and state employee pension obligations are being fully met and can be counted on by public servants, according to the news release.

The state lease approtoday's news because it priation rating, which

tucky's bonds carry, is moving to AA- from outlook, which both positive.

financial position, budgetary discipline, continued commitment to fully funding pensions in excess of the actuarially required amount — Budget Reserve Trust fiscal reserves, increas-

this credit upgrade.

Fitch's notice to inves-A+. This credit rat- tors, which was released ing increase follows Thursday evening, improvements last year said, "Fitch's upgrade in the state's financial of Kentucky's IDR to 'AA' from 'AA-' reflects Fitch Ratings and S&P material improvements Global Ratings ranked as to Kentucky's fiscal reserves since 2020 as a Kentucky's strong result of improved budgetary discipline and a post-pandemic surge in tax collections now in its third year. More including appropriations disciplined budgeting practices have allowed Kentucky to use surplus and record levels in the revenues to boost state

resilience. The upgrade of Kentucky's IDR also factors in better funding practices related to long-term liabilities, particularly public pension plans. Fitch believes the shift to making actuarially-determined annual pension contributions has enhanced Kentucky's budgetary flexibility and that these improvements are sustainable."

This upgrade from Fitch Ratings enhances the state's economic momentum, according to the news release.

## Governor hails law enforcement successes in fight against spread of illegal drugs

#### **BY BRUCE SCHREINER** ASSOCIATED PRESS

FRANKFORT Democratic Gov. Andv Beshear on Thursday highlighted law enforcement successes in blocking the spread of illegal drugs in Kentucky, offering an election-year response to Republican criticism of his record in fighting back against the deadly drug scourge.

Beshear pointed to the seizure of 142 pounds of fentanyl in the past seven months and discussed the work by the state's Counterdrug Program in supporting seizures of fentanyl, methamphetamine, cocaine and heroin.

The governor also pointed to advances in addiction recovery services as he focused on a comprehensive response to drug woes in a state where drug overdose deaths have surpassed 2,000 per year.

"At this point, we all know somebody that's not only been touched by addiction, we all know somebody that we have lost to addiction,' Beshear said during his weekly news conference.

Republicans say the

ty's nomination. Beshear faces nominal opposition in his party's primary. The primary election is next Tuesday, but three cuse early voting started Thursday.

made fighting drugs, especially fentanyl, a centerpiece of her campaign. Attorney General Daniel Cameron, another leading GOP gubernatorial contender, points to the nearly \$900 million his office secured for Kentucky to fight the opioid epidemic, as part of settlements with companies for their roles increased the number of in the opioid addiction crisis.

debate — which could continue into the general election campaign - about who deserves credit for holding drug companies accountable for the drug crisis.

Cameron has given credit to the office he leads, saying at a campaign stop Wednesday in Shelbyville that "it's one thing to talk about these issues, it's another thing to lead on them."

PUBLIC MEETING RESCHEDULED

On Thursday, Beshear sis intervention service said he has fought back against the state's addiction problems since his term as attorney gendays of in-person, no-ex- eral, which preceded Cameron's term. While in that position, Beshear GOP gubernatorial filed multiple lawsuits candidate Kelly Craft has against opioid manufacturers and distributors.

Beshear recently pointed to statistics showing that drug overdose deaths in Kentucky fell by 5% in 2022, which he attributed to drug treatment efforts. This is the first decline in drug overdose deaths in four vears.

Kentucky has treatment beds by 50% during Beshear's term, There's a running according to the governor. His administration is seeking support and oversight of mobile cri-

ed legislature also has focused on efforts to combat the drug crisis. Meanwhile, Beshear noted that hundreds of Kentucky National Guard soldiers have been deployed to the

providers in another

initiative to help people

overcome addiction. The

state's GOP-dominat-

nation's southwest border during his term as governor. The governor has declared in the past that a "strong national security requires strong border security."

Craft has been outspoken in blaming border security problems for the flow of illegal drugs to Kentucky.

Beshear on Thursday signed the state's 2024 Drug Interdiction and During the prior fiscal Counterdrug Activities

Louisville on April 10. Plan. He said the action yl pills were seized, he will pave the way for federal funding to back the counterdrug program in

Kentucky. The governor also offered a slew of statistics to showcase drug interdiction successes.

From Oct. 1, 2022 to May 1 of this year, the counterdrug program team supported law enforcement in the seizure of 88,253 fentanyl pills, Beshear said. year, only 5,100 fentan-

Gov. Andy Beshear speaks during a news conference

said.

Fentanyl has been partially blamed for the state's high death toll from drug overdoses.

Kentucky State Police **Commissioner** Phillip Burnett Jr., who joined the governor at the news conference, said law enforcement agencies will continue working together to "develop innovative ways" to combat the spread of illegal drugs causing the deaths of Kentuckians.

Dear Graves County Voters,

Your Graves County Board of Elections would like to update you on a few matters for the upcoming primary election on May 16 and general election November 7. This 2023 political season is gearing up for our commonwealth's Governor race along with other constitutional officers.

As you are well aware, voting procedures across Kentucky have had to make some adjustments over the last few years due to a national pandemic and tornado recovery. Specifically, when Covid-19 hit 2020, our large county was directed to reduce from 30 smaller voting centers all the way down to one massive voting center at Graves County. Thankfully, we were able to increase the number of absentee ballots and add multiple early voting dates. The turnout for that election was unprecedented and worked very smoothly, despite social distancing requirements. What a credit to our amazing voters and poll workers!



state's illegal drug epidemic worsened during Beshear's tenure. State Republican Party spokesman Sean Southard said in a recent statement that drug addiction continues to have a "devastating impact" on communities, and that Beshear has "failed to address this crisis adequately."

The state's drug woes emerged as a leading issue in the GOP gubernatorial primary, where a dozen candidates are competing for their parThe previously scheduled May 16th meeting noticed in April 29, 2023 edition of this publication has been rescheduled to June 6th. Banjo Creek Solar LLC is proposing to construct and operate a solar energy project in Graves County, Kentucky. The proposed Banjo Creek Solar Project will be located on approximately 1270 acres near the intersection of Ky Rt. 564, Ky Rt. 339, and Antioch Church Road South of Farmington. The photovoltaic solar project will consist of solar panels, associated racking, inverters, battery storage and a project substation. A public meeting to inform the community about the project will take place on 5:30-6:30 PM at the Sedalia, Kentucky 42079. Anyone with questions about the June 6th public meeting or the Banjo Creek Solar Project emailing Bonnie Brown at bab@greengoenergy.com or calling (704) 390-8966.

## COMMONWEALTH OF KENTUCKY **GRAVES CIRCUIT COURT CI VIL ACTION NO . 21 - CI - 00377** HAZEL ENTERPRISES , LLC VS . MASTER COMMISSIONER'S SALE

TREVER COLE, ET AL.

DFFFNDANTS

PLAINTIFF

Pursuant to a Judgment and Order of Sale of the Graves Circuit Court rendered in the above- styled action, the undersigned will on MAY 15, 2023, at the hour of 10:00am, Central Time, expose to PUBLIC SALE to the highest bidder property which is located at 946 SOUTH 5TH STREET, MAYFIELD, Graves County, Kentucky, This sale will take place at 1102 Paris Road in Mayfield, Kentucky, in front o f the Graves County Temporary Court Facility.

Property Address:

Map No.:

946 South 5th Street Mayfield, KY 42066

208.00.12.012.00

The legal description is found in Deed Book 411, Page 462, in the Graves County Court Clerk 's Office.

The purchaser of the above described real estate shall be required to assume and pay all taxes assessed against such property for the year 2023 and all subsequent years . Any past due taxes shall be paid from the proceeds of the sale.

If the purchase price is not paid in full on the day of sale, the purchaser will be required to pay ten percent (10%) down the day of the sale and execute a bond with surety for the remainder at the time of sale. Said bond shall have the force and effect of a judgment and shall remain a lien on the property sold as additional security for the payment of the purchase price. Said bond shall bear interest at the appropriate statutory rate from the date of sale until paid within thirty (30) days from the date of the sale.

The Defendant, Trever Cole, or any persons holding under such Defendant, are no longer entitled to possession of the subject property, and said Defendants or any persons holding under them are ordered to vacate said property upon confirmation of the sale. The Sheriff of Graves County is authorized and directed to evict any party or parties to this case.

This sale is made for satisfaction of Judgment liens and recovery of cost and any outstanding real property taxes. Dated the day of May, 2023.

Melinda Martin Ormsby MASTER COMMISSIONER **GRAVES CIRCUIT COURT** 

In the following election, the Board voted to add three more voting centers to increase the access of safe and secure locations for our voters. In addition to Graves County High School, the additional centers were Mayfield High School, Sedalia Elementary School & Trace Creek Baptist Church. An important note Is that our voting centers must have (1) access to safe and secure sheltering, (2) safe and sufficient parking, (3) possess the ability to have video surveillance and (4) provide handicap accessibility to all voters.

In 2022, our Board added more voting centers at Fancy Farm Elementary School and Wingo Elementary School. Each year, we continue to evaluate our voting centers and elections as the growing interest among our voters is multiplying. Therefore, for the 2023 election year, we have decided to add 3 more voting centers, two of which will be added to the northern half of the county.

Please make note of these nine voting center locations as you begin planning your right to vote this year. Any Graves County voter can vote at any of these locations, as long as they are properly registered. We believe that after much research of voting data and receiving perspectives from our community, that these voting centers will give our voters reasonable access to in-person voting options. Every previous voting center in years past has been considered. as well.

- Community Fellowship Church, 90 State Route 408 W, Hickory
- Cuba Church of Christ, 51 Cuba School Road, Mavfield
- Fancy Farm Elementary School, 270 State Route 339 S, Fancy Farm
- Graves County High School, 1220 Eagles Way, Mayfield
- Mayfield High School, 700 Douthitt Street, Mayfield
- Sedalia Elementary School, 5252 KY-97, Mayfield
- Symsonia Elementary School, 11730 KY-131, Symsonia
- Trace Creek Baptist Church, 3577 State Route 131, Mayfield
- Wingo Elementary School, 449 Lebanon St, Wingo

### Important Dates for 2023 Elections include:

- Online mail-in absentee request portal closes (May 2) (www.voteky.com)
- Excused in-person absentee voting- May 3-10 (During normal business hours 8:00am- 4:00pm at the County Clerk's Office, 1104 Paris Rd, Suite 4, Mayfield)
- In person, no excuse, early voting (8:00am- 4:00pm, County Clerk's Office)
  - o Thursday, May 11 (8:00am- 4:00pm)
  - o Friday, May .12 (8:00am-6:00pm)
  - o Saturday, May 13 (8:00am -4:00pm)
- Primary Election- Tuesday, May 16, 6:00am- 6:00pm (Voting centers listed above)
- General Election- November 7, 6:00am- 6:00pm (Voting centers listed above)

To register to vote or for other information regarding voting in Kentucky, please visit <u>www.govoteky.com</u>.

The Board of Elections would like to thank you for your patience and support and we continue to evaluate and provide a safe, secure and equitable voting experience for our voters. We have had a tremendous positive response to our plans in recent years and continue to take into consideration all information shared. Please continue to reach out to your Board of Elections members for any questions or concerns.

Public Meeting Rescheduled Public Notice Publication Affidavit June 6, 2023



## AFFIDAVIT

I, SELENA WARD, Sales Manager of The Mayfield Messenger, a newspaper of general circulation, published in the City of Mayfield, County of Graves, State of Kentucky, do hereby affirm the legal advertisement attached was published in the Mau 13.2023 issue of The Mayfield Messenger.

lina

Selena Ward Sales Manager The Mayfield Messenger

Sworn to and before me, a Notary, on this the <u>28</u> day of <u>August</u> 2023

allbert

(Notary signature)

My commission expires:

overnher 2023



NOTICE OF PUBLIC MEETING RESCHEDULED

Prescherouled May 16th meeting noticed in April 29, 2023 edition of this publication has been rescheduled to June 6th. Banjo Creek Solar LLC is proposing to construct and operate a solar energy project in Graves County, Kentucky. The proposed Banjo Creek Solar Project will be located on approximately 1270 acres near the intersection of Ky Rt. 564, Ky Rt. 339, and Antioch Church Road South of Farmington. The photovoltaic solar panels, associated racking, inverters, battery storage and a project substation. A public meeting to inform the community about the project will take place on 5:30-6:30 PM at the Sedalia Cafe located at 5593 from 5:30-6:30 PM at the Sedalia Cafe located at 5593 Sedala, Kentucky 42079. Anyone with questions about the June 6th public meeting of the Banjo Creek Solar Project may request information by emailing Bonnie Brown at beb@greengoenetgy.com or calling (704) 390-8968.

Public Meeting Rescheduled Public Notice Invitee FedEx Receipts June 6, 2023



FedEx Ship Manager - Print Your Label(s)



### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide

#### FedEx Ship Manager - Print Your Label(s)



#### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2 Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide


1 Use the 'Print' button on this page to print your label to your laser or inkjet printer

- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



## After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx. Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



## After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



### After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



# After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2 Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



## After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2 Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



## After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2 Fold the printed page along the horizontal line

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



Use the 'Print' button on this page to print your label to your laser or inkjet printer. Fold the printed page along the horizontal line 1

2

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide Written claims must be filed within strict time limits, see current FedEx Service Guide.



## After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

FedEx Ship Manager - Print Your Label(s)



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning. Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide

FedEx Ship Manager - Print Your Label(s)



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



Use the 'Print' button on this page to print your label to your laser or inkjet printer.
Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide Written claims must be filed within strict time limits, see current FedEx Service Guide.

FedEx Ship Manager - Print Your Label(s)



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



# After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx. Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

T721 1597 4504	4656 STATE ROUTE 339 E. SEDALIA KY 42079 (704) 390-8966 REF PUBLIC MEE	TO MALCOLM & NAOMI JETTO	SUITE 306 CHARLOTTE, NC 28203 UNITED STATES US	ORIGIN ID: QWGA (704) 390-8966 BONNIE BROWN GREENGO ENERGY US. INC 1900 SOUTH BLVD
FRI - 12 MAY 4:30P PRIORITY OVERNIGHT RES 42079 KY-US MEM	TING RESOLEDULE 583.3/28C3	/FE2D	BILL SENDER	SHIP DATE: 11MAY23 ACTWGT: 0.50 LB CAD: 110826116/INET4610

## After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



### After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery misdelivery or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Use the 'Print' button on this page to print your label to your laser or inkjet printer-

2. Fold the printed page along the horizontal line

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer

2 Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

FedEx Ship Manager - Print Your Label(s)



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide

FedEx Ship Manager - Print Your Label(s)



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide Written claims must be filed within strict time limits, see current FedEx Service Guide.



1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex com FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer

2 Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



### After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer

Fold the printed page along the horizontal line.

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



#### After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

2 Fold the printed page along the horizontal line

3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide



## After printing this label:

1 Use the 'Print' button on this page to print your label to your laser or inkjet printer.

- 2 Fold the printed page along the horizontal line
- 3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Public Meeting Sign-In Sheet June 6, 2023




Banjo Creek Solar LLC

.

June 6, 2023 Sedalia Café, Sedalia KY

# SIGN-IN SHEET

Name	Address	Phone	E-Mail
Miranda Miller *	2320 Beech Grover Farmington, by 42046	₩.	V2006 miranda gmailicon
Wan Rogers	387 049 Rd Murray 42071	- 1763	rgsfarm Ggmail. com
David Jeffer	IUA72564 Fornhon		5
Maxine Casley	Mayfield		
Jake Hartsfield			
Scott Wilferd			
Donald & Linda Colthap			
Joel Diel			
Shane; Sandy Mc Endree			
Matt & Manpy Coutrin	5445 STRT 330E SEPALIA KY 42019		

Open House & Public Meeting Marketing Materials June 6, 2023



# North Carolina Solar Land Use and Agriculture

2022 Update



# North Carolina Solar Land Use and Agriculture

# 2022 Update

### Authors:

Daniel Brookshire Jerry Carey Daniel Parker

Design: Samantha Radford

### About North Carolina Sustainable Energy Association

North Carolina Sustainable Energy Association (NCSEA) is the leading 501(c)(3) non-profit organization that drives public policy and market development for clean energy. Our work enables clean energy jobs, economic opportunities, and affordable energy options for North Carolinians. Learn more about NCSEA, our mission, and vision at <u>www.energync.org</u>.



# **Executive Summary**

Dating back to 2009, NCSEA has monitored and collected data on all solar installations across the state of North Carolina. This data has been informative to measuring the significant growth of the industry and the associated economic benefits to the state. In the process of aggregating this data, NCSEA has also utilized the opportunity to track land use associated with the growth of solar in North Carolina, which led to the creation of the North Carolina Solar and Agriculture Report first produced in 2017. According to this study conducted by NCSEA and the NC Department of Agriculture & Consumer Services, the report outlined that only .19% of cropland in North Carolina had been repurposed for utility-scale solar development.

NCSEA used a similar methodology to the previous analysis to conduct an updated land use study using data through 2021.

Solar and agriculture are two significant industries in North Carolina. The state has long been atop the national leaderboard in solar photovoltaics (PV) with more than 7,460 megawatts (MW) of installed capacity. As of March 2022, North Carolina ranks fourth in the country for total installed capacity according to the Solar Energy Industries Association.<sup>1</sup> While solar PV systems can be divided into a few different categories depending on their size and/or use, the analysis in this report focuses on utility-scale systems – specifically those 1 MW or greater in their nameplate capacity. According to NCSEA's data, there are 703 of these systems currently installed in the state totaling a generation capacity of 5,786 MW.

Agriculture is another important industry in the state. As of 2021, there were 45,100 farms in North Carolina producing goods, such as soybeans, corn, sweet potatoes, and livestock according to the US Department of Agriculture.<sup>2</sup> In 2020, North Carolina led the country in sweet potato production, was third in turkey production, and third in hog and pig production, all according to the US Department of Agriculture.<sup>3</sup> When combined, the NC Department of Agriculture & Consumer Services says that agriculture and agribusiness are the largest industry in the state, representing almost \$96 billion.<sup>4</sup>

Utility-scale solar PV development has grown significantly in North Carolina since 2009, increasing from three total systems in 2009 to more than 700, with some of that development occurring on agricultural land. To better understand the types of area that these installations occupy, NCSEA conducted a land use analysis with GIS footprints of each solar PV system with a nameplate capacity of 1 MW or more combined with land use data from the National Land Cover Dataset.<sup>5</sup>



3184

- Helen Livingston, NC Farm owner



This analysis is an update to a project that NCSEA conducted with the North Carolina Department of Agriculture and Consumer Services in 2017 about the land occupied by utility-scale solar PV systems in North Carolina.<sup>6</sup>

The analysis found that utility-scale PV systems occupy 38,081 total acres of land. The analysis also found that 31,125 acres of that total are considered agricultural land – defined as cultivated cropland, evergreen forest, or pasture/hay. In total, the state of North Carolina is comprised of 31,537,616 acres of land, with 10,999,656 being attributed to agricultural purposes. Given these numbers, solar PV only occupies 0.12% of the total land area of the state and 0.28% of agricultural land.

Given these numbers, solar PV only occupies 0.12% of the total land area of the state and 0.28% of agricultural land.





Compared to other forms of redevelopment, classified as either Developed, Open Space (i.e. single-family housing, golf courses, parks) or Developed, Low Intensity (i.e. single-family housing), which each comprise 7.18% and 3.42% of agricultural land respectively, PV development covers a low amount of agricultural land.

While utility-scale solar PV development has occurred on a small amount of agricultural land in North Carolina, there are other land uses that have repurposed significantly more land, such as residential home development. Regardless, for the small amount of agricultural land that solar PV does occupy, there are methods of system installation that can co-locate agricultural activities with solar PV, such as planting beneath raised solar PV panels and allowing for animals to graze in and around operating systems in a practice called agrivoltaics.<sup>7</sup> Furthermore, solar PV systems can offer a place to add pollinator habitats to support local ecosystems.



# **Table of Contents**

Agriculture in North Carolina 6
Solar PV in North Carolina7
Land Occupied by Utility-Scale Solar PV in North Carolina
Methodology8
Example
Results
Discussion 12
Responsible Solar Land Use14



# **Agriculture in North Carolina**

## State Economic Benefits from Agriculture

Agriculture has long been the leading industry in the state, providing thousands of jobs and contributing billions of dollars in revenue for North Carolina while leading the country in the production of many commodities. According to the NC State Agricultural Extension, in 2021, 16% (\$96 billion) of the state's GSP (\$592 billion) came from agricultural activities.<sup>8</sup> Agriculture also employs almost 780,000 people, which is 17.5% of North Carolina's workforce. These workers are spread over 45,100 farms which occupy 8.3 million acres according to the US Department of Agriculture.<sup>9</sup>

### **Agricultural National Ranks**

North Carolina is also an agricultural leader in the country. For some of these products, North Carolina is or is among the nation's leaders. According to the NC Department of Agriculture, close to 60% of all the sweet potatoes grown in the United States are grown in North Carolina.<sup>10</sup>

соммодіту	NATIONAL RANK
SWEET POTATOES	1ST
TOBACCO	1ST
POULTRY & EGGS	1ST
HOGS & PIGS	3RD
TURKEYS	3RD
CUCUMBERS	3RD
BELL PEPPERS	3RD

Table 1. North Carolina national commodity production ranks (2020) according to the US Department of Agriculture<sup>11</sup>



# Solar PV in North Carolina

### State Economic Benefits from Solar

Renewable energy is a significant industry in the state, providing nearly 100,000 jobs in North Carolina, according to E2 (Environmental Entrepreneurs) and representing almost \$20 billion in investment since 2007 according to a study from RTI International.<sup>12, 13</sup> Solar photovoltaics are the largest subset of the clean energy economy besides energy efficiency, with over 8,000 jobs.

Additionally, utility-scale solar PV systems contribute significant tax revenue to the counties in which they are installed. In a previous project quantifying those taxes, NCSEA found that on average, the property taxes paid after a system was installed increased by over 450%, when including real estate, personal property, and rollback taxes when applicable and available.<sup>14</sup> In total, the solar PV systems included in the study paid over \$13.5 million in taxes.

### Solar National Rank

North Carolina is also a national leader in the clean energy industry with the 9th most total clean energy industry jobs of any state. North Carolina also has the 4th most solar PV generating capacity in the US according to the Solar Energy Industries Association.<sup>15</sup>

STATE	RANK	SYSTEMS	CAPACITY (MW)
CALIFORNIA	1	1,445,035	34,950
TEXAS	2	148,936	13,845
FLORIDA	3	118,273	8,206
NORTH CAROLINA	4	28,467	7,811
ARIZONA	5	209,513	5,644
NEVADA	6	79,097	4,511
GEORGIA	7	4,768	4,269
NEW JERSEY	8	146,116	3,854
VIRGINIA	9	25,154	3,761
MASSACHUSETTS	10	125,219	3,607

### Table 2. Ten states with the most solar PV generating capacity

## **Economic Benefits of Solar to Agricultural Landowners**

Hosting a utility-scale solar PV system on one's land can be an opportunity for a landowner to generate a more stable and potentially higher income than normal farming operations. While lease amounts are not publicly available, a variety of sources report values between \$300-\$2,000 per acre depending on the exact situation – and typically these rent payments increase over the length of the lease.<sup>16</sup> In fact, according to the US Department of Agriculture, even at the low end of those lease payments, solar PV would pay better per acre than barley, oats, or hay production.<sup>17</sup>



# Land Occupied by Utility-Scale Solar PV in North Carolina

### 2017 Report

In the original iteration of this land use analysis, NCSEA collaborated with the NC Department of Agriculture & Consumer Services to determine the amount of agricultural land that utility-scale solar PV systems occupy in North Carolina. Using a similar methodology to this analysis, NCSEA found that the 341 systems that were installed at that time occupied 11,559 total acres of land - 9,074 of which were agricultural land. Also at that time, there was 4,745,014 acres of agricultural land in North Carolina, which means that utility-scale solar PV systems occupied 0.19% of the state's agricultural land.

### 2022 Report

### Methodology

NCSEA calculated land use figures by drawing GIS footprints utilizing aerial imagery of each solar PV system installed in North Carolina, superimposing these footprints over land use GIS files, and calculating the amount of land each footprint occupied in each land use category. The first solar PV systems included in this analysis were installed in 2009, so NCSEA used land use data from 2008. NCSEA compared land use data from before any of the solar PV systems were installed to quantify the amount of land occupied by solar PV as well as the amount that was previously used for agriculture.

Specifically, NCSEA utilized data from our Renewable Energy Database (REDB), a statewide clearinghouse of installed renewable energy systems, to identify 1 MW and greater in nameplate generating capacity systems. The REDB is the most comprehensive source of renewable energy system information in North Carolina and sources its data from the NC Utilities Commission.

The footprints of these systems were mapped out using the latest NC OneMap orthoimagery. NC OneMap is a source of geospatial data compiled from various government agencies and universities in North Carolina.<sup>18</sup>

This analysis yielded 703 GIS footprints, which were then overlaid on a land cover GIS file from the National Land Cover Dataset (NLCD). The NLCD dataset classifies land in the United States into categories based on its usage and contents including open water, vegetated lands (forests, grasslands, moss, lichens, etc.), and even levels of developed land. This data is provided by the Multi-Resolution Land Characteristics Consortium (MRLC) and includes federal agencies, such as the US Geological Survey, Bureau of Land Management, and US Forest Service.<sup>19</sup>

NCSEA then used ArcGIS's ArcMap program to identify the sections of the NLCD data that the solar PV systems occupy, totaling up the amount of area in each land use category.



### Example

The following images demonstrate this process for the Holstein solar PV system, a 20 MW installation located in Maxton, NC, and completed in 2015.<sup>20</sup>



Figure 2. Aerial imagery and GIS files of a utility-scale solar PV system in North Carolina

The Holstein system occupies a footprint of 115 acres that was mostly cultivated cropland before installation.

#### Land Cover Categories

The National Land Cover Dataset labels 20 types of land use, but four of these are exclusive to Alaska.



Figure 3. NLCD land cover classification categories



While most of the land cover classifications are self-evident, it is important to define the four "developed" categories. According to the MRLC, these are how the developed categories are characterized:<sup>21</sup>

- Developed, Open Space areas with a mixture of some constructed materials, but mostly vegetation in the form of lawn grasses. Impervious surfaces account for less than 20% of total cover.
  - These areas most commonly include large-lot single-family housing units, parks, golf courses, and vegetation planted in developed settings for recreation, erosion control, or aesthetic purposes.
- **Developed, Low Intensity** areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 20% to 49% percent of total cover.
  - These areas most commonly include single-family housing units.
- **Developed, Medium Intensity** areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 50% to 79% of the total cover.
  - These areas most commonly include single-family housing units.
- Developed, High Intensity highly developed areas where people reside or work in high numbers.
  - Examples include apartment complexes, row houses and commercial/industrial. Impervious surfaces account for 80% to 100% of the total cover.

### Results

From NCSEA's analysis, the 703 installed solar PV systems 1 MW or greater in nameplate capacity occupy a total of 38,081 acres of land. Of that total, 23,601 acres, or 62%, were categorized as cultivated cropland in 2008. The next highest categories of land use were evergreen forest (4,984 acres, 13%), deciduous forest (2,682 acres, 7%), and pasture/hay (2,540 acres, 7%).

LAND USE CATEGORY	ACRES	LAND USE CATEGORY	ACRES
DEVELOPED. OPEN SPACE	477	CULTIVATED CROPS	23,601
DEVELOPED. LOW INTENSITY	141	EVERGREEN FOREST	4.984
EMERGENT HERBACEOUS WETLANDS	59	DECIDUOUS FOREST	2.682
DEVELOPED, MEDIUM INTENSITY	44	PASTURE/HAY	2,540
BARREN LAND	16	GRASSLAND/HERBACEOUS	1.006
OPEN WATER	15	MIXED FOREST	959
DEVELOPED, HIGH INTENSITY	2	SHRUB/SCRUB	866
TOTAL	38,081	WOODY WETLAND	687

Table 3. Land occupied by solar PV systems 1 MW or greater in nameplate capacity by category from 2008 NLCD data





### Figure 4. Breakdown of NLCD land use categories of NC solar installation footprints

NCSEA also calculated land use totals for the entire state of North Carolina from that same 2008 NLCD land use file.

LAND USE CATEGORY	ACRES	LAND USE CATEGORY	ACRES
DECIDUOUS FOREST	6.103.708	SHRUB/SCRUB	1.024.732
WOODY WETLAND	4,583,597	GRASSLAND/HERBACEOUS	772.049
CULTIVATED CROPS	4.337.847	OPEN WATER	492,115
EVERGREEN FOREST	4.150.557	DEVELOPED, MEDIUM INTENSITY	396.321
MIXED FOREST	3.241.144	EMERGENT HERBACEOUS WETLANDS	374.962
PASTURE/HAY	2.511,251	DEVELOPED, HIGH INTENSITY	137,789
DEVELOPED, OPEN SPACE	2,265,552	BARREN LAND	66,608
DEVELOPED, LOW INTENSITY	1,079,383	TOTAL	31,537,616

Table 4. Land use categories from 2008 NLCD data for all of NC



Using similar designations from other agricultural land use studies, NCSEA combined the cultivated crops, pasture/hay, and evergreen forest categories to establish an agricultural land use category.

This means solar PV systems occupy 31,125 acres of a total 10,999,656 acres of agricultural land in North Carolina, or 0.28%. When compared to the land use data from the entire state, these solar PV systems occupy 0.12% of all the land in the state.



Figure 5. Agricultural land occupied by solar PV systems and total agricultural land in North Carolina

### Discussion

Solar PV systems in some cases do occupy formerly agricultural land; however, it is worth noting that these systems have contributed to much less agricultural land loss than other forms of development. According to a report from the American Farmland Trust highlighting data from 2001-2016, 731,600 acres of North Carolina farmland were developed in total.<sup>22</sup>

Not all the solar PV systems included in this analysis were installed during that period of time. If they were, the amount of agricultural land they occupy would only represent 4.25% of the total agricultural land lost. Other land uses, especially low-density residential development, comprise the lion's share of agriculture redevelopment with 78% of the total area loss.

Other land uses, especially low-density residential development, comprise the lion's share of agriculture redevelopment with 78% of the total area loss.

In the case of low-density residential development, this type of activity has a much more permanent impact on the landscape compared to solar PV systems, which oftentimes have a measurable lifespan.



For instance, this neighborhood in Johnston County has a total footprint of 330 acres, 150 of which are former cropland. This development not only includes homes, but also permanent roadways and utilities servicing each of the households.





Figure 6. Before (2005) and after (2021) aerial photos of a neighborhood in Johnston County

Highway construction is another significant type of land development, as seen with US 70 and I-795 in Goldsboro, NC.



Figure 7. Before (2000) and after (2021) construction of US 70 Bypass and I-795 in Goldsboro

Utility-scale solar PV systems have a typical lifespan of around 25 years. In some cases, these facilities may be modified or repowered at the end of their useful life, but they can also be returned to their previous land use provided that certain precautions are taken during the initial construction phases. The same cannot be said for these other types of land use.



# **Responsible Solar Land Use**

### Native Plants and Pollinators

While more solar PV systems and other forms of clean energy installations are needed to transition away from fossil fuels, they should not come at the expense of the natural features found on the land they occupy.

Organizations including The Nature Conservancy offer general principles when citing and constructing these systems to reduce their impact within local ecosystems but emphasize that specific recommendations will vary between specific locations. Recommendations include restoring native vegetation and grasslands, avoiding erosion, and steering clear of locations with high native biodiversity.<sup>23</sup>

Further, large-scale solar PV installations are an opportunity to develop pollinator habitats supportive of organisms such as bees and butterflies that are integral to various ecosystems. The North Carolina Pollinator Conservation Alliance provides a list of specific native species that should be considered, along with a series of recommendations outlining where to locate those plants in proximity to systems, while creating buffer areas around the solar PV systems themselves.<sup>24</sup>

### Decommissioning

Utility-scale solar PV systems generally have a lifespan of around 25 years and unless they are repowered, these systems are usually removed from where they are installed. While there are concerns about the quality and usefulness of the land after that removal, utility-scale solar PV systems have minimal permanent environmental impact when the proper care is taken. Although decommissioning responsibilities are generally lease-specific and can sometimes be directed by a county ordinance, typically the project developer oversees removal.

As part of 2019's HB 329, the North Carolina General Assembly directed the NC Department of Environmental Quality (DEQ) to "establish a regulatory program to govern (i) the management of end-of-life photovoltaic modules....and (ii) decommissioning of utility-scale solar projects."<sup>25</sup> According to DEQ, this study found "financial assurance requirements are not necessary to ensure proper decommissioning."<sup>26</sup> Regardless, DEQ now recommends that currently operating systems can decommission according to their current plans but new systems will have to provide financial assurance mechanisms of some kind five years before their end of operation.<sup>27</sup>



# Endnotes

- 1. Solar Energy Industries Association. "North Carolina Solar." https://seia.org/state-solar-policy/north-carolina-solar
- 2. United States Department of Agriculture National Agricultural Statistics Service. "2021 State Agriculture Overview." https://www.nass.usda.gov/Quick\_Stats/Ag\_Overview/stateOverview.php?state=NORTH%20CAROLINA
- 3. United States Department of Agriculture National Agricultural Statistics Service. "2021 North Carolina Agricultural Statistics." https://www.nass.usda.gov/Statistics\_by\_State/ North\_Carolina/Publications/Annual\_Statistical\_Bulletin/AgStat/NCHighlights.pdf
- 4. North Carolina Department of Agriculture & Consumer Services. "About North Carolina Agriculture." http://www.ncagr.gov/
- 5. Multi-Resolution Land Characteristics Consortium. "Multi-Resolution Land Characteristics (MRLC) Consortium." https://www.mrlc.gov/
- 6. NC Sustainable Energy Association. "Land Use Analysis of NC Solar Installations." https://energync.org/wp-content/uploads/2017/03/Solar\_Land\_Use\_Analysis\_Results.pdf
- 7. Colorado Agrivoltaic Learning Center. "Agrivoltaics 101." https://www.coagrivoltaic.org/ agrivoltaics-101
- 8. NC State Agricultural Extension. "2021 Walden Agriculture and Agribusiness Report." https://www.ces.ncsu.edu/wp-content/uploads/2021/05/2021-N.C.-Agriculture-Industry-Summary-Sheet\_NC-State\_accessible.pdf?fwd=no
- 9. United States Department of Agriculture National Agricultural Statistics Service. "2021 State Agriculture Overview." https://www.nass.usda.gov/Quick\_Stats/Ag\_Overview/stateOverview.php?state=NORTH%20CAROLINA
- 10. North Carolina Department of Agriculture & Consumer Services. "How Sweet It Is." http://www.ncagr.gov/markets/com
- 11. United States Department of Agriculture National Agricultural Statistics Service. "2021 North Carolina Agricultural Statistics." https://www.nass.usda.gov/Statistics\_by\_State/ North\_Carolina/Publications/Annual\_Statistical\_Bulletin/AgStat/NCHighlights.pdf
- 12. E2. "Clean Jobs North Carolina." https://energync.org/wp-content/uploads/2022/02/ Clean-Jobs-North-Carolina-2021.pdf
- 13. RTI International. "Economic Impact Analysis of Clean Energy Deployment in North Carolina – 2021 Update." https://energync.org/wp-content/uploads/2021/06/NCSEA\_2021\_ Final\_06222021.pdf
- 14. NC Sustainable Energy Association. "Increased North Carolina County Tax Revenue from Solar Development – 2020 Update." https://energync.org/wp-content/uploads/2020/09/Sept2020-Increased-North-Carolina-County-Tax-Revenue-from-Solar-Development.pdf
- 15. Solar Energy Industries Association. "Solar State by State." https://seia.org/states-map



- 16. Strategic Solar Group. "What is the average solar farm lease rate?" https://strategicsolargroup. com/what-is-the-average-solar-farm-lease-rate/
- 17. United States Department of Agriculture National Agricultural Statistics Service. "2021 State Agriculture Overview." https://www.nass.usda.gov/Quick\_Stats/Ag\_Overview/stateOverview.php?state=NORTH%20CAROLINA
- 18. NC OneMap. "About NC OneMap." https://www.nconemap.gov/pages/about
- 19. Multi-Resolution Land Characteristics Consortium. "Multi-Resolution Land Characteristics (MRLC) Consortium." https://www.mrlc.gov/
- 20. Multi-Resolution Land Characteristics Consortium. "Multi-Resolution Land Characteristics (MRLC) Consortium." https://www.mrlc.gov/
- 21. Multi-Resolution Land Characteristics Consortium. "National Land Cover Database Class Legend and Description." https://www.mrlc.gov/data/legends/national-land-cover-database-class-leg-end-and-description
- 22. American Farmland Trust. "The State of the States: Agricultural Land Conversion Highlight Summary – North Carolina." https://storage.googleapis.com/csp-fut.appspot.com/reports/spatial/ North\_Carolina\_spatial.pdf
- 23. The Nature Conservancy. "Making Solar Wildlife-Friendly." https://www.nature.org/en-us/ about-us/where-we-work/united-states/north-carolina/stories-in-north-carolina/making-solar-wildlife-friendly/
- 24. North Carolina Pollinator Conservation Alliance. "North Carolina Technical Guidance for Native Plantings on Solar Sites." http://ncpollinatoralliance.org/wp-content/uploads/2018/10/NC-So-lar-Technical-Guidance-Oct-2018.pdf
- 25. General Assembly of North Carolina: Session 2019. "Session Law 2019-132. House Bill 329." https://www.ncleg.gov/Sessions/2019/Bills/House/PDF/H329v5.pdf
- 26. NC Department of Environmental Quality: Environmental Management Commission. "Final Report on the Activities Conducted to Establish a Regulatory Program for the Management and Decommissioning of Renewable Energy Equipment." https://deq.nc.gov/media/17785/open
- 27. NC Department of Environmental Quality. "Plan and Recommendations for Financial Resources for Decommissioning of Utility-Scale Solar Panel Projects." https://deq.nc.gov/media/28068/ open



## Solar Farm FAQs:

#### • Do solar farms reduce adjacent property values?

- Numerous studies prove statistically from actual property sales that there is no impact to neighboring property values when the solar panels are setback 300ft from residences and appropriately screened. Refer to the following among others:
  - CohnReznick Property Value Impact Study: Adjacent Property Values Solar Impact Study: A Study of Eight Existing Solar Facilities, Patricia McGarr & Andrew Lines, 2020.
  - Christian P. Kaila & Associates Property Impact Analysis Proposed Solar Power Plant Guthrie Road, Stuarts Draft, Augusta County, Virginia, Christian Kaila & George Finley 2020
  - NorthStar Appraisal Company Impact Analysis for Nichomus Run Solar, Pilesgrove, NJ, William J. Sapio, September 16, 2020.
  - Farm Journal Guest Editor, March 22, 2021 Solar's Impact on Rural Property Values
  - National Renewable Energy Laboratory Top Five Large-Scale Solar Myths, February 3, 2016
  - University of Texas at Austin, May 2018 An Exploration of Property-Value Impacts Near Utility-Scale Solar Installations.
  - University of Rhode Island, September 2020, Property Value Impacts of Commercial-Scale Solar Energy in Massachusetts and Rhode Island

#### Who is most likely to oppose solar farms?

 The most likely opponents to solar farms are tenant farmers who see industries competing for use of land as a threat to their business. Neighbors to solar farms who fear their property values will be negatively impacted by solar farms on adjacent properties also tend to oppose solar farms until measures such as sufficient setbacks and screening are established to protect them.

- Will solar farms take up all the farming land in Graves County?
  - Comparison with North Carolina: a study in North Carolina<sup>1</sup> showed that even if North Carolina obtained 26.5% of its electricity needs from solar, it would still only use about 2.2% of the cropland in the state. North Carolina is ranked 4<sup>th</sup> in the nation for most installed solar generators and has hundreds of times as much installed solar as Kentucky.<sup>2</sup>
    - In the 2020 census, North Carolina had a population more than 130% larger than Kentucky's, and North Carolina only has about 64% as much farmland as Kentucky (8.3 million acres vs KY's 12.9 million).<sup>3</sup> Per a 2022 report, solar only occupies 0.28% of the agricultural land in the North Carolina.<sup>4</sup>
    - It's helpful to keep in mind that farmland has been used for extensively for energy production since the early 2000s when corn ethanol production began to increase dramatically. In 2022 over 1/3 of all corn grown in the US was used for ethanol.<sup>5</sup>
  - Limits on Solar: Before being limited by local regulations, solar farm development is limited by landowners and by the constraints on the power grid. If landowners don't sign a lease or sell their land for solar, there is nowhere to put solar farms. Furthermore, the power grid can only absorb so much electricity in any one location or on any single power line. Hence, there is a natural competition and natural limit on locations suitable for solar farms. Once one large solar farm is installed on a transmission line, the fixed costs for connecting a second on the same power line make additional solar cost-prohibitive.

#### • What happens when the solar farm is decommissioned?

 Since solar farm installation involves driving galvanized posts into the ground without any cement, restoration of the land to agricultural use is simple. At the end of a solar farm useful life, the panels are recycled, the posts and cable pulled out, and the inverters and transformers removed. The ground can be returned to farming.

<sup>&</sup>lt;sup>1</sup> 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 <sup>2</sup> <u>https://seia.org/research-resources/top-10-solar-states-0</u> and <u>https://atlas.eia.gov/apps/all-energy-infrastructure-and-resources/explore</u>

<sup>&</sup>lt;sup>3</sup> See the following: <u>https://www.census.gov/library/stories/state-by-state/kentucky-population-change-between-census-decade.html</u> and <u>https://www.census.gov/library/stories/state-by-state/north-carolina-population-change-between-census-decade.html</u> and

https://www.nass.usda.gov/Quick\_Stats/Ag\_Overview/stateOverview.php?state=KENTUCKY and https://www.nass.usda.gov/Quick\_Stats/Ag\_Overview/stateOverview.php?state=NORTH%20CAROLINA

<sup>&</sup>lt;sup>4</sup> See "North Carolina Solar Land Use and Agriculture. 2022 Update" published by NC Sustainable Energy Association.

<sup>&</sup>lt;sup>5</sup> See the Alternative Fuels Data Center at US Department of Energy: <u>https://afdc.energy.gov/data/10339</u>

### Solar Farm FAQs

- Are solar farm decommissioning requirements in line with other business or uses in the county?
  - Solar farms are often singled out by regulations and required to post bonds for decommissioning, effectively making the solar facility start paying for its removal from day one. Gas stations, body shops, factories, and other commercial or industrial uses are not burdened in the same way.

#### • Is solar subsidized by the federal government?

 Unlike traditional farming, solar farms do not receive protected insurance programs or payments from the federal government. They only have access to tax credits to offset the investment. Unlike land in typical agricultural uses, land used for solar does not benefit from agricultural tax rates below market value or programs such as Greenbelt or Present Use Value programs. Conversion to solar requires real property to be reassessed and taxed at fair market rates.

#### • Do solar farms kill birds?

Photovoltaic solar farms (solar farms that use solar panels) do not kill birds. You may have seen videos of birds igniting in mid-flight over a solar farm. That only happens over thermal solar farms that use reflector mirrors to concentrate light and heat on water in a tower.
 Photovoltaic solar farms absorb light, instead of reflecting it.

#### • Do solar farms contaminate the soil or environment?

Solar energy system installation, or construction, process does not require toxic chemicals or processes. Solar photovoltaic ("PV") panels typically consist of glass, polymer, aluminum, copper, and semiconductor materials that can be recovered and recycled at the end of their useful life. PV technologies employ few toxic chemicals and those used are used in very small quantities that do not endanger public health—a solar panel is about half as toxic as a typical 12-guage shotgun shell. Also unlike many row crop operations, solar facilities generally use only general use herbicides, which are available over the counter, as opposed to restricted use herbicides commonly used in commercial agriculture that require a special restricted use

license. Due to the reduction in the pollution from fossil-fuel-fired electric generators, the overall impact of solar development on human health is overwhelmingly positive.<sup>6</sup>

#### • Will a solar farm near me lower my power bill?

Unlike natural gas and coal plants, solar farms have no fuel cost. Solar energy is the most cost-effective way to add new power generation to the grid. See below a graph from Bloomberg showing the levelized cost of energy (LCOE) for different generation sources<sup>7</sup>:



- Since solar provides new energy generation with no exposure to fuel costs, it contributes to energy independence and an overall stabilization and reduction of the power price, although market factors and the complexities of the power grid make it difficult to trace direct savings to nearby electricity consumers.
- Is solar energy reliable?
  - Solar power plants provide a reliable and predictable source of energy, particularly when they are coupled with battery storage. Solar panels only produce electricity when the sun is up.
    Coupling with batteries permits power companies to save the electricity from the sun and

<sup>&</sup>lt;sup>6</sup> See "Health and Safety Impacts of Solar Photovoltaics" White-paper, N.C. Clean Energy Technology Center at N.C. State University, 2017. See also "North Carolina Solar Land Use and Agriculture. 2022 Update" published by NC Sustainable Energy Association.

<sup>7 &</sup>quot;2H 2022 Levelized Cost of Electricity Update" published Dec 27, 2022. See:https://about.bnef.com/blog/2h-2022-levelized-cost-of-electricity-update/

dispatch it during peak hours, such as the cold hours of the morning during winter. In the recent rolling blackouts in December 2022, solar power plants in TVA territory performed at or above standard output while gas, coal, and even hydro plants had to ramp down because of complications with cold weather. See below graphs showing generation data from the Energy Information Administration—note that solar is still one of the smallest generators in the state. The second graph is from North Carolina which suffered similar blackouts but has a much larger solar fleet.







# Scan to Learn More About Banjo Creek Solar



# YOUR LAND, YOUR LEGACY

## **A WISE CHOICE**

When you lease your land for solar energy with GreenGo Energy, you enjoy the assurance of ongoing revenue and sustainability for the future.

- Solar energy provides 20-60% higher income than other agricultural uses.
- Provides stable long-term income with high profitability.
- We pay all real estate taxes on leased land during contract.

# GREENGO ENERGY LEASES

GreenGo Energy's mission is straightforward: to build win-win partnerships with local communities through solar leasing. Leases provide a stable revenue while supporting clean power in rural America.

Lease contract terms are 25 years or more of commercial operation. Land purchase option is also possible.

Contact GreenGo Energy to learn how solar leasing can enhance your legacy.

# **A SIMPLE TRANSITION**

With GreenGo Energy leasing, you're a good neighbor. Solar energy is quiet, unobtrusive, and environmentally friendly.

- Property values are not adversely affected for your land or adjoining properties.
- Creates new discretionary property tax income for your community.
- Your land is carefully restored at lease end.

# HOW THE PROCESS WORKS

Once you choose GreenGo Energy, we will:

- Send a letter of intent with key terms of the lease.
- Review and execute the lease.
- Prepare for construction while you continue to farm your land.

Once the project is energized, you reap the benefits of a secure cashflow for years to come.

GreenGo Energy US, Inc. 1900 South Blvd. #306 Charlotte, NC 28203



Contact: jf@greengoenergy.com Phone: 704-712-4916



# **PROVEN EXPERIENCE**

GreenGo Energy US, Inc. is based in Charlotte, North Carolina, and has leased over 17,000 acres throughout Texas, Tennessee, and North Carolina.

Greengo Energy has a proven record of:

- Scouting the most viable land for solar leasing.
- Developing projects that meet or exceed federal and local standards.
- Maintaining close relationships with landowners.
- Working with regional utilities, including Tennessee Valley Authority (TVA), Duke Energy, and the Electric Reliability Council of Texas (ERCOT).









Contact: jf@greengoenergy.com Phone: 704-712-4916



# greengo energy

# Banjo Creek Solar LLC Farmington, KY

























Benefits of Solar in your Community:

More Reliable Electrical Grid \* **Increased Tax Base** 140 No Drain on County Services Clean & Sustainable Energy Attracting New Business Investment in Community

GreenGo Energy US, Inc. 1900 South Blvd, #306 Charlotte, NC 28203

\*

www.greengoenergyus.com info@greengoenergy.com (704) 390 6966

Public Meeting Presentation Drawing June 6, 2023





Public Meeting Images & Summary June 6, 2023







The Banjo Creek Solar LLC public meeting was held on Saturday June 6, 2023 at the Sedalia Café, 5593 State Route 97, Mayfield KY.

Two representatives of Banjo Creek Solar LLC, ten families, two project lease landowners, and one county commissioner were in attendance. The Site Plan was presented together with a visual simulation video of the completed project. The presentation was brief and was followed by about an hour of Q&A.

A Kentucky Solar Farm FAQ's created by GreenGo Energy as well as a report on solar and land use in North Carolina and the GreenGo Energy brochure were all available for distribution.



Jonathan Flemings, Director, Project Development GreenGo Energy US, Inc., presenting the Project and answering questions