



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

3430 Courthouse Drive

Ellicott City, Maryland 21043

410-313-2350

Voice/Relay

Valdis Lazdins, Director

FAX 410-313-3467

HOWARD COUNTY AGRICULTURAL PRESERVATION ADVISORY BOARD

June 19, 2017

Staff Report

- Owners:** James Hanson & Elizabeth Lavine
14535 MacClintock Drive
Glenwood, MD 21738-9626
- Farm Location:** South of MacClintock Drive, west of Shady Lane
Tax Map 21, Parcel 183; +/- 21.22 acres
- Easement Designation:** MALPF Easement 13-02-02e
- Retroactive Request:** Alternative Energy Request, Accessory Solar Panel System for Farm and Residence
- Recommendation:** Recommendation to the Agricultural Preservation Advisory Board to recommend approval to MALPF of the request to retroactively approve the accessory solar panel system for the farm and residence.

Summary:

James Hanson and Elizabeth Lavine are the original and current owners of the subject property, which was placed in the Maryland Agricultural Land Preservation Foundation (MALPF) program on October 22, 2003. The current request is to retroactively approve an accessory solar panel system (alternative energy) for the farm and residence that has already been constructed.

Background

The Hanson & Lavine family have owned the farm since 1999, and currently operate a horse boarding and breeding business on the property. In early 2017, the landowners planned to construct an accessory ground-mounted solar panel system to support the agricultural structures and principal dwelling, since the combined energy usage is too costly for the size of their horse operation. By doing this, Mr. Hanson and Mrs. Lavine would save on operational costs due to the solar energy generated from the system, as well as diversifying their methods of energy attainment. At the decennial MALPF inspection on March 30, 2017 conducted by the Howard County Agricultural Land Preservation Program (ALPP) and the Howard Soil Conservation District (SCD), it was learned that the system would be constructed during the week of April 3rd. MALPF notified the landowner of the need for retroactive approval on May 19, 2017.

Staff Analysis:

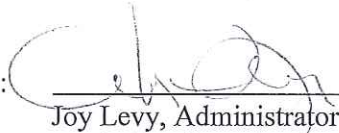
The solar panel system is approximately 2,750 square feet in size (55 feet by 50 feet), and is located southwest of the principal dwelling, just west of the in-ground pool. The system itself consists of 105 ground-mounted solar panels divided between two rows. The system is grid connected, meaning surplus energy generated from the solar panels that is not used on the farm is returned to the main electric grid. Access to the system is provided by the property's pipestem driveway to MacClintock Drive, with direct access via the front and side yards of the residence.

The system is consistent with MALPF's "General Guidelines of Alternative Energy Requests" for easement properties. The system is being used as an alternative source of energy to support the agricultural operation and the residence, and not for commercial use. The location of the system does not remove a significant amount of acreage from agricultural production, since it only reduces the size of the "Boy's Sacrifice Lot" by 6 to 10%. Moreover, the land chosen for the site was subpar to begin with due to its sacrificial use. In addition, the system is appropriately positioned in the back-yard area of the residence, away from the agricultural operation and horse paddocks. The energy generated from the system will amount to approximately 86.6% of the energy being used on site (38,988 kilowatt hours annually), which is consistent with MALPF's maximum of 125%. The Baltimore Gas & Electric Company (BGE) will provide the remaining 13.4% of electricity. Lastly, the system is only being used to support this MALPF easement, and no other properties in the area.

Staff Recommendation:

Staff recommends that the Agricultural Preservation Advisory Board recommends approval to MALPF of the request to retroactively approve the accessory solar panel system for the farm and residence.

Prepared by:



Joy Levy, Administrator
Agricultural Land Preservation Program

Date:

6/9/17

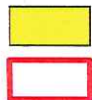
Attachments:

- Preservation Map
- Aerial Photo
- Soils Map
- Request letter from the landowner
- Farm Map by Mr. Hanson showing location of solar panel system
- Photograph of the solar panel system
- Copies of electric bill(s) detailing the amount of energy consumed on site
- MALPF's "General Guidelines of Alternative Energy Requests" document



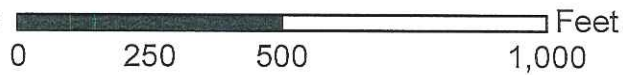
Hanson Lavine (MALPF #13-02-02e) TM 21, P 183

Aerial

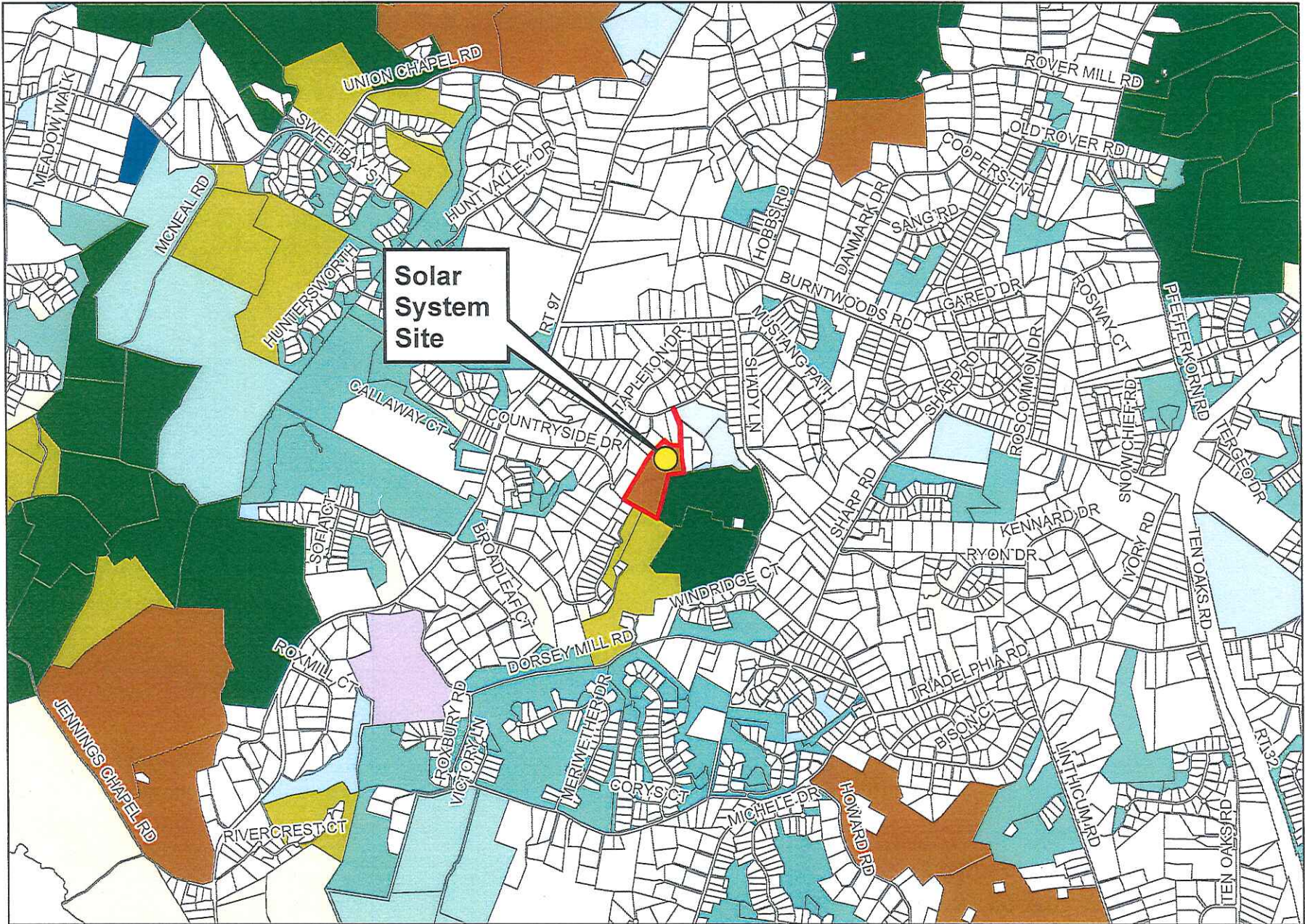


Solar System Facility/Access

Hanson Lavine Property



By: Mitch Ford
Resource Conservation Division
Howard County, Maryland
Print Date: 06/09/2017



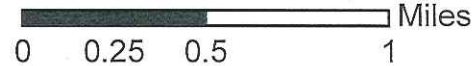
Solar System Site



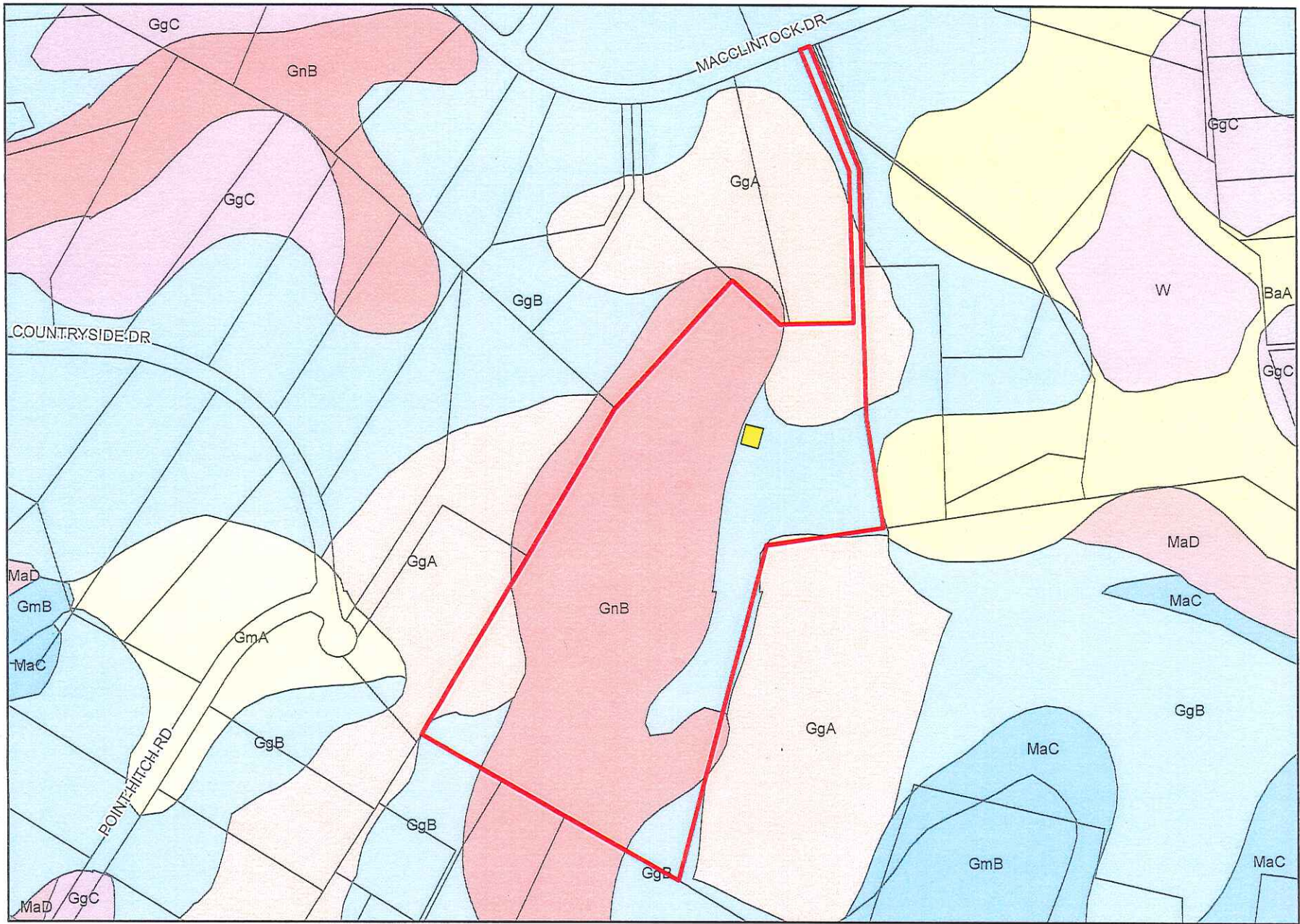
Hanson Lavine (MALPF #13-02-02e) TM 21, P 183

Land Preservation

- Solar System Site
- Hanson Lavine Property

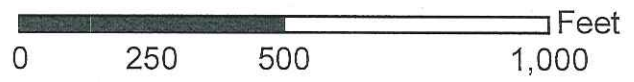


By: Mitch Ford
 Resource Conservation Division
 Howard County, Maryland
 Print Date: 06/09/2017



Hanson Lavine (MALPF #13-02-02e) TM 21, P 183

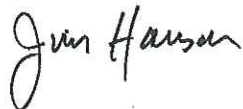
- Soils
- Solar System Site
 - Hanson Lavine Property



By: Mitch Ford
 Resource Conservation Division
 Howard County, Maryland
 Print Date: 06/09/2017

TO: Michelle Cable, Administer, MAPLF

FROM: Jim Hanson and Liz Lavine



DATE: June 8, 2017

RE: MALPF #13-02-02, Unapproved-ground-mounted solar panel system

CC: Joy Levy, Howard County Program Administrator
Mitch Ford, Planning Technician

We are requesting approval for a ground-mounted solar panel system. Our electric service jointly supplies our agricultural and residential use. In the calendar years of 2015 and 2016, we annually averaged 44,986 kilowatt hours of use for an annual electric bill of \$6,102. Our combined usage is too costly for the size of our horse operation and we need to reduce it.

We are installing a system of 105 solar panels divided between two rows of approximately 55 feet each to help reduce this usage and cost, and to generate a clean source of energy. It is estimated that this new system will generate at least 38,988 kilowatt watt hours annually, depending on the weather.

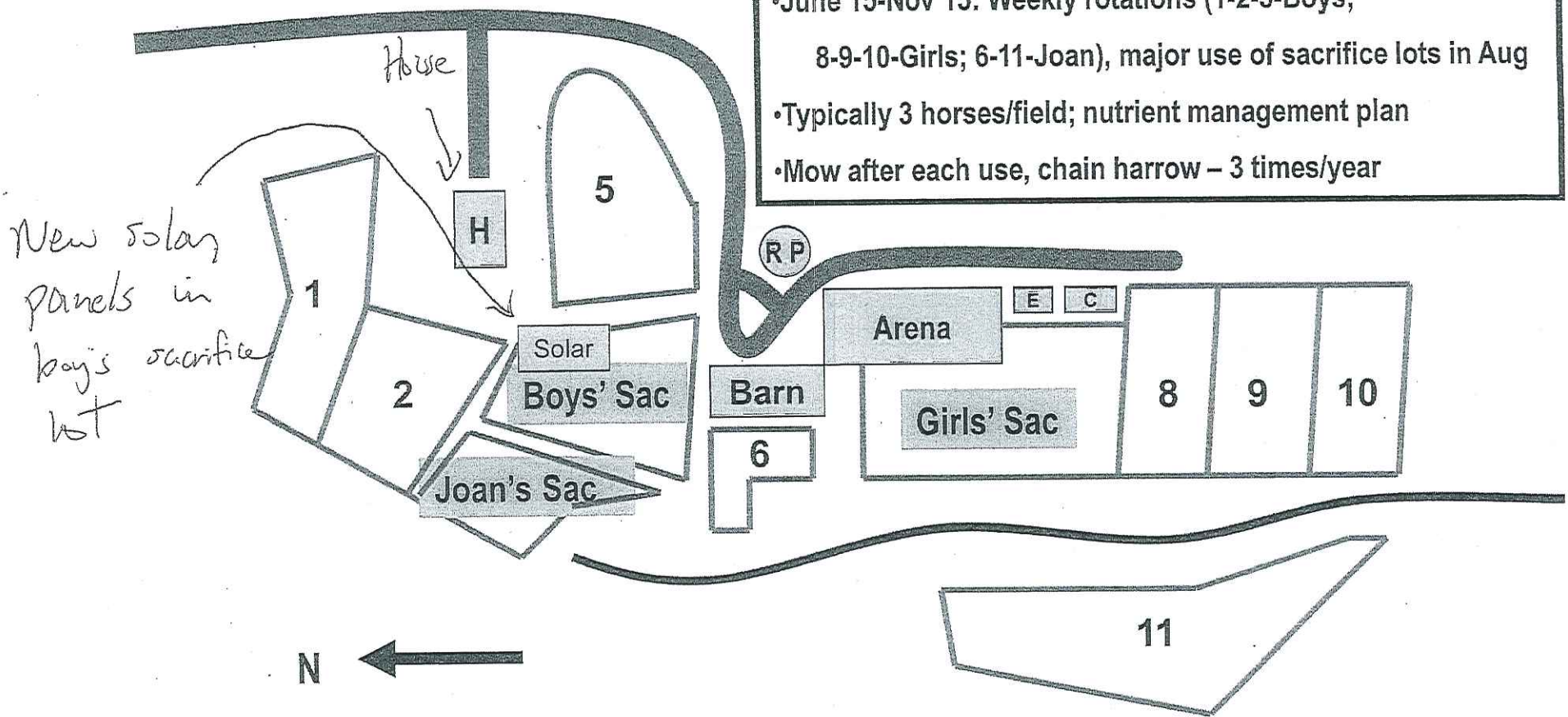
We are a horse boarding and breeding operation that utilizes a rotational grazing system. There are 9 acres of pasture distributed among 9.5 paddocks and 2.5 acres allocated between 2 sacrifice lots. On the farm map, the panels are situated on the northeast corner of the sacrifice lot located immediately north of the barn (aka Boys' Sacrifice Lot). The panels were installed in this sacrifice lot because it is closest to the house; all power generated must past through the electric panel in the basement of our house.

The ground-mounted system is approximately 55 feet by 50 feet or 2,750 square feet. It reduces the sacrifice lot by 6 to 10% (we are unsure of the exact size of the sacrifice lot). Technically, we are not losing any prime agricultural land because the location of the sacrifice lot was chosen because it contains sub-par agricultural land.

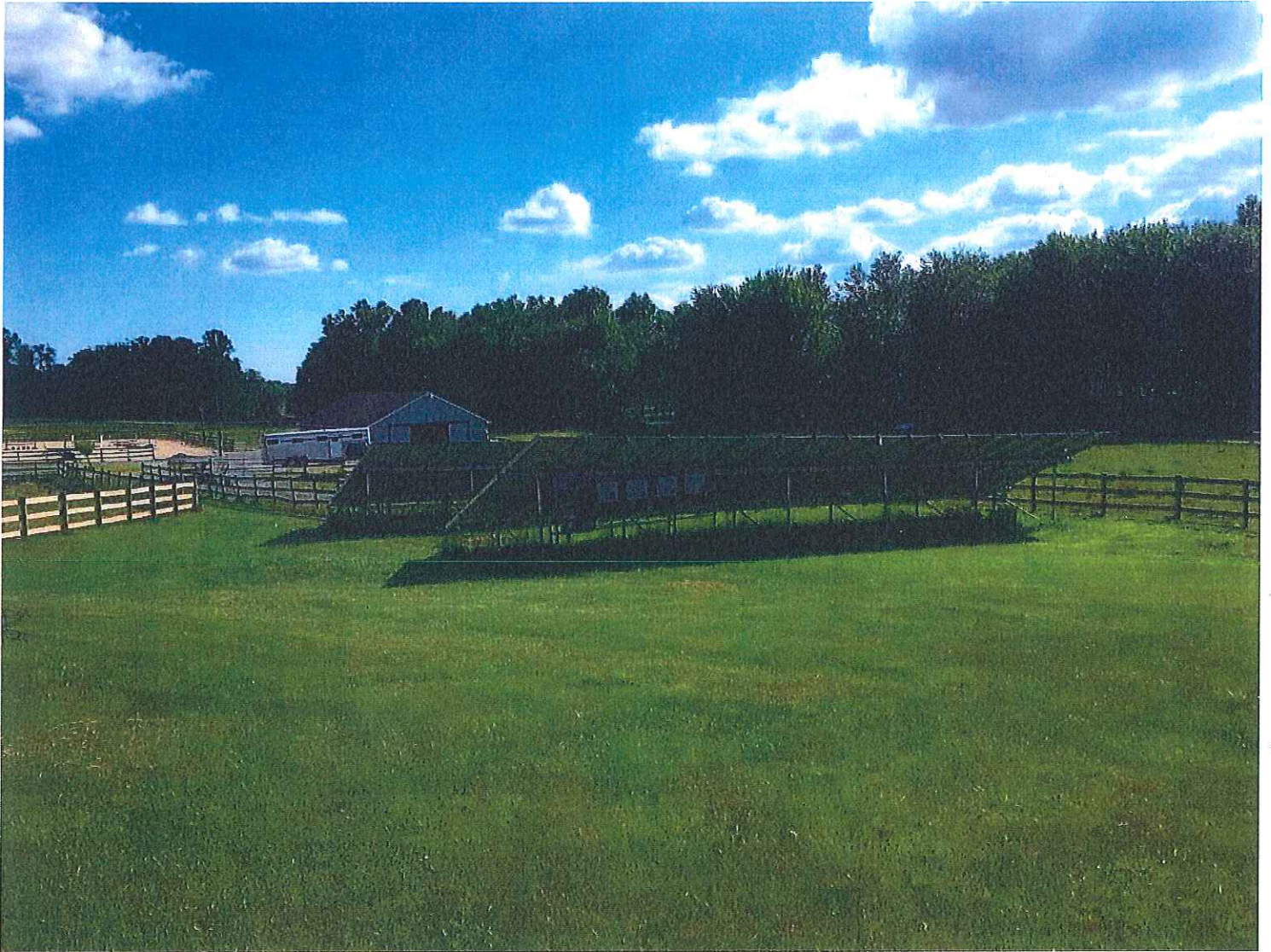
Access to the solar panels for maintenance will occur through the front and side yards of our residence.

Included in this letter four seasonal electric bills and a farm map.

- Nov 15-Apr 15: Sacrifice lots, no rotation, feed round bales
- Apr 15-June 15: Weekly rotations (1-2-5; 8-9-10; 6-11)
- June 15-Nov 15: Weekly rotations (1-2-5-Boys; 8-9-10-Girls; 6-11-Joan), major use of sacrifice lots in Aug
- Typically 3 horses/field; nutrient management plan
- Mow after each use, chain harrow – 3 times/year



Management Intensive Grazing with Horses
Piper's Run, 11.75 acres of pasture





An Exelon Company

CONTACT US BGE.COM
Customer Service: 800.685.0123
800.735.2256 (Toll-Free)
Correspondence: P.O. Box 1476 Baltimore, MD 21203

April 2017
Bill Summary

BGE
ELECTRIC
DELIVERY



TAXES & FEES

CON ED SOLUTIONS, INC
Con Ed Solutions, Inc
conedsolutions.com
(877) 238-2143
Electric Choice ID: 2411223398

Elizabeth M Lavine
14535 Macclintock Dr
Glenwood, MD 21738
Account # 2411240000
Issued Date: May 2, 2017

Previous Balance	\$654.15
Payments Received April 18, 2017	-\$654.15
BGE Outstanding Balance	\$0.00
Electric	\$282.22
Total amount due by May 25, 2017	\$282.22

Payment received after May 25, 2017 will incur a late charge.

A late payment charge is applied to the unpaid balance of your BGE charges. The charge is up to 1.5% for the first month; additional charges will be assessed on unpaid balances past the first month, not to exceed 5%.

The amounts shown in the circles reflect charges from this bill period.



An Exelon Company

Return only this portion with your check made payable to BGE. Please write your account number on your check.

Pay your bill online, by phone or by mail.

See reverse side for more info

Account # 2411240000

Total amount due by May 25, 2017 \$282.22

Payment Amount \$

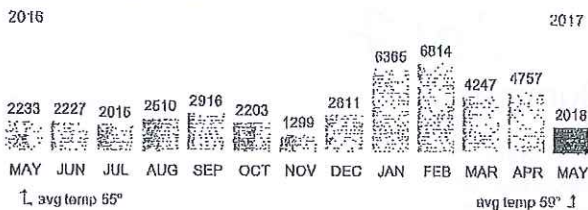
Elizabeth M Lavine
14535 Macclintock Dr
Glenwood, MD 21738

BGE
P.O. Box 13070
Philadelphia, PA 19101-3070

21241124000060000282224145700002879200

Electric details

ANNUAL ELECTRIC USAGE



Residential - Schedule R

Billing Period: Mar 30, 2017 - Apr 28, 2017

Days Billed: 29

Next Scheduled Reading: June 1, 2017

Meter #G155918171 Read on Apr 28

Current Reading	78555	Previous Reading	76537	=	2018 kWh used
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ELECTRIC SUPPLY				\$181.42
CON ED SOLUTIONS, INC				181.42
BGE ELECTRIC DELIVERY				\$98.89
Customer Charge				7.90
EmPower MD Chg	2018 kWh	x	.00628	12.67
Distribution Chg	2018 kWh	x	.03852	77.73
ERI Initiative Chg	2018 kWh	x	.00029	0.59
TAXES & FEES				\$1.91
MD Universal Svc Prog				0.36
Envir Srchg	2018 kWh	x	.000149	0.30
Franchise Tax	2018 kWh	x	.00062	1.25
TOTAL				\$282.22

BGE SUPPLY PRICE COMPARISON INFORMATION

BGE Supply Price Comparison Information: The current price for Standard Offer Service (SOS) electricity is 9.288 cents/kWh, effective through May 31, 2017. The price for SOS will cost 8.425 cents/kWh beginning June 1, 2017 through September 30, 2017. The weighted average price of SOS electricity will be 8.988 through September 30, 2017. The price of SOS from October 1, 2017 through May 31, 2018 will be set in May 2017.

Electric Supplier Charges

CON ED SOLUTIONS, INC

Billing Period: Mar 30, 2017 - Apr 28, 2017

SUPPLY CHARGE 2018 KH x 0.0899 181.42

Total Electric Supplier \$181.42

All inquiries on above supplier billing should be directed to CON ED SOLUTIONS, INC at 877.238.2143

IMPORTANT INFORMATION ABOUT YOUR BILL

▶ Moving? To stop or transfer service, contact BGE at least 3 business days prior to your move date. You are responsible for all service at your present address until you notify us.

April 2017

Federal Tax Identification # 52-0280210

Adj Annual Usage Ele 40,182 kWh

Other ways to pay



Online
BGE.COM



In-person
America's Cash Express**
877.223.2274

Global Express**
800.989.6669



Pay-by-phone
Western Union Speed Pay**
888.232.0088

**Fee applies.



An Exelon Company

CONTACT US **BGE.COM**
 Customer Service: 800.686.0123
 800.735.2258 (TTY-TDD)
 Correspondence: P.O. Box 1475 Baltimore, MD 21203

BGE
ELECTRIC
DELIVERY



Con Ed Solutions, Inc
 conedsolutions.com
 (877) 238-2143
 Electric Choice ID: 2411223398

Jan 2017

Bill Summary

Page 1 of 2

Elizabeth M Lavine
 14535 Macclintock Dr
 Glenwood, MD 21738
 Account # 2411240000
 Issued Date: February 2, 2017

Previous Balance	\$866.77
Payments Received January 18, 2017	-\$866.77
BGE Outstanding Balance	\$0.00
Electric	\$939.73
Total amount due by February 27, 2017	\$939.73

Payment received after February 27, 2017 will incur a late charge.

A late payment charge is applied to the unpaid balance of your BGE charges. The charge is up to 1.5% for the first month; additional charges will be assessed on unpaid balances past the first month, not to exceed 5%.

The amounts shown in the circles reflect charges from this bill period.

Return only this portion with your check made payable to BGE. Please write your account number on your check.



An Exelon Company

Pay your bill online, by phone or by mail.

See reverse side for more info ▶

Account # 2411240000

Total amount due by Feb 27, 2017	\$939.73
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Payment Amount \$

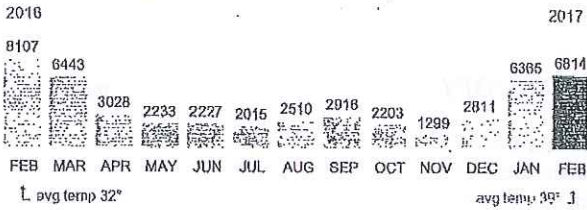
Elizabeth M Lavine
 14535 Macclintock Dr
 Glenwood, MD 21738

BGE
 P.O. Box 13070
 Philadelphia, PA 19101-3070

21241124000090000939732058900009585200

Electric details

ANNUAL ELECTRIC USAGE



Residential - Schedule R

Billing Period: Dec 30, 2016 - Jan 31, 2017

Days Billed: 32

Next Scheduled Reading: February 28, 2017

Meter #G165918171 Read on Jan 31

Current Reading	67531	Previous Reading	60717	=	6814
					kWh Used

ELECTRIC SUPPLY				\$616.67
CON ED SOLUTIONS, INC				616.67
BGE ELECTRIC DELIVERY				\$317.46
Customer Charge				7.90
Empower MD Chg	6814 kWh	x	.00628	42.79
Distribution Chg	6814 kWh	x	.03293	224.39
RSP Chg/Misc Cr	6814 kWh	x	.00591	40.27
ERI Initiative Chg	6814 kWh	x	.00031	2.11
TAXES & FEES				\$5.00
MD Universal Svc Prog				0.36
Envlr Srchg	6814 kWh	x	.000149	1.02
Franchise Tax	6814 kWh	x	.00062	4.22
TOTAL				\$939.73

The RSP Charge on this bill includes a qualified rate stabilization charge of \$0.00618 per kWh approved by the Maryland PSC that BGE is collecting as servicer on behalf of RSB BondCo LLC, which owns the qualified rate stabilization charge.

BGE SUPPLY PRICE COMPARISON INFORMATION

BGE Supply Price Comparison Information: The current price for Standard Offer Service (SOS) electricity is 9.288 cents/kWh, effective through May 31, 2017. The price for SOS will cost 8.425 cents/kWh beginning June 1, 2017 through September 30, 2017. The weighted average price of SOS electricity will be 8.968 through September 30, 2017. The price of SOS from October 1, 2017 through May 31, 2018 will be set in May 2017.

Electric Supplier Charges

CON ED SOLUTIONS, INC

Billing Period: Dec 30, 2016 - Jan 31, 2017

SUPPLY CHARGE 6814 KH x 0.0905 **616.67**

Total Electric Supplier \$616.67

All inquiries on above supplier billing should be directed to CON ED SOLUTIONS, INC at 877.238.2143

IMPORTANT INFORMATION ABOUT YOUR BILL

▶ Moving? To stop or transfer service, contact BGE at least 3 business days prior to your move date. You are responsible for all service at your present address until you notify us.

Jan 2017

Federal Tax Identification # 52-0280210

Adj Annual Usage Ele 40,864 kWh

Other ways to pay

Online
BGE.COM



In-person
America's Cash Express**
877.223.2274

Global Express**
800.989.6669

Pay-by-phone
Western Union Speed Pay**
888.232.0088

**Fee applies.



EBPP BILL

Name Elizabeth M Lavine
 Service 14535 Macclintock Dr
 Address Glenwood, MD 21738
 Account # 2411240000

Summary

Billing Date: November 2, 2016

Previous Balance \$757.85

Payments Received

October 10, 2016 \$757.85

BGE Outstanding Balance \$0.00

Charges/Adjustments this Period

BGE Electric 73.27

Con Ed Solutions, Inc 117.56

Total Charges This Period \$190.83

Total Amount Due by Nov 28, 2016 \$190.83

A late charge will be applied to payments received after Nov 28, 2016.

A late payment charge is applied to the unpaid balance of your BGE charges. The charge is up to 1.5% for the first month; additional charges will be assessed on unpaid balances past the first month, not to exceed 5%.

Important Information About Your Bill

Moving? To stop or transfer service, contact BGE at least 3 business days prior to your move date. You are responsible for all service at your present address until you notify us.

Oct 2016

Next Scheduled Reading

November 30, 2016

Electric Usage Profile

Month/Year	Type of Reading	Days	kWh	Avg. Daily Use	Avg. Temp
Nov 16	Actual	28	1299	46.4	62
Oct 16	Actual	33	2203	66.8	74
Nov 15	Actual	29	1786	61.6	58

Hot weather can significantly impact your bill. During the current bill period, the temperature at BWI Airport was at or above 85 degrees a total of 4 hours. Find out more at www.bge.com.

Important Information About Your Bill

BGE Supply Price Comparison Information: The current price for Standard Offer Service (SOS) electricity is 9.342 cents/kWh, effective through May 31, 2017. The price for SOS will cost 8.531 cents/kWh beginning June 1, 2017 through September 30, 2017. The weighted average price of SOS electricity will be 9.050 through September 30, 2017. The price of SOS from October 1, 2017 through May 31, 2018 will be set in May 2017.

Adj Annual Usage Ele 38,527 kWh Gas 0 therms

Please detach here and return this portion with your payment.

Account Number 2411240000

Please Pay by November 28, 2016

Amount Due	Amount Paid
\$190.83	

A late charge will be applied to payments received after Nov 28, 2016. Please make check payable to BGE and include account number. Thank you!

Elizabeth M Lavine
 14535 Macclintock Dr
 Glenwood, MD 21738

BGE
 P.O. Box 13070
 Philadelphia, PA 19101-3070



212411240000000000190832333800001947500

Electric Details

Electric Choice ID: 2411223398

Residential - Schedule R

Billing Period: Oct 3, 2016 - Oct 31, 2016 Days Billed: 28

Meter Read on October 31 Meter # G155918171

Current Reading	Previous Reading	kWh Used
51541	50242	1299

BGE Electric Delivery Service

Customer Charge		7.90
EmPower MD Chg	1299 kWh x .0057800	7.51
Distribution Chg	1299 kWh x .0383100	49.76
RSP Chg/Misc Cr	1299 kWh x .0050100	6.51
ERI Initiative Chg	1299 kWh x .0001800	.23

State / Local Taxes & Surcharges

MD Universal Svc Prog		.36
Envir Srchg	1299 kWh x .0001490	.19
Franchise Tax	1299 kWh x .0006200	.81

Total BGE Electric Amount \$73.27

Oct 2016

The RSP Charge on this bill includes a qualified rate stabilization charge of \$0.00766 per kWh approved by the Maryland PSC that BGE is collecting as servicer on behalf of RSB BondCo LLC, which owns the qualified rate stabilization charge.

Electric Supplier Charges

Con Ed Solutions, Inc		
Billing Period: Oct 3, 2016 - Oct 31, 2016		
Supply Charge 1299 Kh X 0.0905		117.56
Total Electric Supplier Amount		\$117.56

All inquiries on above supplier billing should be directed to Con Ed Solutions, Inc at (877) 238-2143.

Account Number 2411240000

Federal Tax Identification # 52-0280210

BGE Contact Information

Report Power Outages	1-877-778-2222
Emergency Service	1-800-685-0123
Customer Service	1-800-685-0123
Collection/Turn-Off Notices	1-800-685-2210
Hearing/Speech Impaired (TTY-TDD)	1-800-735-2258
Additional BGE Services	www.bge.com

Other BGE Bill Payment Options

BGEasy Automatic Payment Plan	1-800-685-0123
Payments Only to:	P.O. Box 13070, Philadelphia, PA 19101-3070
Hand Deliver to Dropbox (No Cash)	2 Center Plaza
America's Cash Express (Pay-In-Person)*	888-753-2384
Global Express (Pay-in-Person)*	1-800-989-6669
Pay-by-Phone*	1-888-232-0088

Send Correspondence Only to: P.O. Box 1475, Baltimore, MD 21203 * (These are third-party services and processing fees may apply.)



EBPP Bill

Name Elizabeth M Lavine
 Service 14535 Macclintock Dr
 Address Glenwood, MD 21738
 Account # 2411240000

Summary

Billing Date:	September 2, 2016
Previous Balance	\$323.63
Payments Received	
August 24, 2016	-\$323.63
BGE Outstanding Balance	\$0.00
Charges/Adjustments this Period	
BGE Electric	154.28
Con Ed Solutions, Inc	263.90
PeakRewards Air Conditioning Credit	37.50 cr
Prior Bill	53.58
Total Charges This Period	\$434.26
Total Amount Due by Sep 26, 2016	\$434.26

A late charge will be applied to payments received after Sep 26, 2016.
 A late payment charge is applied to the unpaid balance of your BGE charges. The charge is up to 1.5% for the first month; additional charges will be assessed on unpaid balances past the first month; not to exceed 5%.

Important Information About Your Bill

Moving? To stop or transfer service, contact BGE at least 3 business days prior to your move date. You are responsible for all service at your present address until you notify us.

Next Scheduled Reading

October 3, 2016

Electric Usage Profile

Month/Year	Type of Reading	Days	kWh	Avg. Daily Use	Avg. Temp
Sep 16	Actual	33	2916	88.4	81
Aug 16	Actual	29	2510	86.6	82
Sep 15	Actual	31	2359	76.1	78

Hot weather can significantly impact your bill. During the current bill period, the temperature at BWI Airport was at or above 85 degrees a total of 200 hours. Find out more at www.bge.com.

Important Information About Your Bill

BGE Supply Price Comparison Information: The current price for Standard Offer Service (SOS) electricity is 9.537 cents/kWh, effective through September 30, 2016. SOS electricity will cost 8.990 cents/kWh beginning October 1, 2016 through May 31, 2017. The weighted average price of SOS electricity will be 9.187 through May 31, 2017. The price for SOS from June 1, 2017 through September 30, 2017 will be set in November 2016.

Detail of Prior Address Transfer Charges

1914 Reading Ct	
Account 09819-91000	\$53.58

Aug 2016

Adj Annual Usage Ele 38,646 kWh Gas 0 therms

Please detach here and return this portion with your payment.

Account Number	2411240000
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Please Pay by September 26, 2016

Amount Due	Amount Paid
\$434.26	

A late charge will be applied to payments received after Sep 26, 2016.
 Please make check payable to BGE and include account number.
 Thank you!

Elizabeth M Lavine
 14535 Macclintock Dr
 Glenwood, MD 21738

BGE
 P.O. Box 13070
 Philadelphia, PA 19101-3070



21241124000060000434260270600004439100

Electric Details

Electric Choice ID: 2411223398

Residential - Schedule R

Billing Period: Jul 29, 2016 - Aug 31, 2016 Days Billed: 33

Meter Read on August 31

Meter # G155918171

Current Reading	Previous Reading	kWh Used
48039	45123	2916

BGE Electric Delivery Service

Customer Charge		7.90
EmPower MD Chg	2916 kWh x .0057800	16.85
Distribution Chg	2916 kWh x .0383400	111.80
RSP Chg/Misc Cr	2916 kWh x .0050100	14.61
ERI Initiative Chg	2916 kWh x .0001800	.52

State / Local Taxes & Surcharges

MD Universal Svc Prog		.36
Envir Srchg	2916 kWh x .0001490	.43
Franchise Tax	2916 kWh x .0006200	1.81

Total BGE Electric Amount \$154.28

The RSP Charge on this bill includes a qualified rate stabilization charge of \$0.00766 per kWh approved by the Maryland PSC that BGE is collecting as servicer on behalf of RSB BondCo LLC, which owns the qualified rate stabilization charge.

Aug 2016

Electric Supplier Charges

Con Ed Solutions, Inc

Billing Period: Jul 29, 2016 - Aug 31, 2016

Supply Charge 2916 Kh X 0.0905 263.90

Total Electric Supplier Amount \$263.90

All inquiries on above supplier billing should be directed to Con Ed Solutions, Inc at (877) 238-2143.

Account Number 2411240000

Federal Tax Identification # 52-0280210

BGE Contact Information

Report Power Outages	1-877-778-2222
Emergency Service	1-800-685-0123
Customer Service	1-800-685-0123
Collection/Turn-Off Notices	1-800-685-2210
Hearing/Speech Impaired (TTY-TDD)	1-800-735-2258
Additional BGE Services	www.bge.com

Other BGE Bill Payment Options

BGEasy Automatic Payment Plan	1-800-685-0123
Payments Only to:	P.O. Box 13070, Philadelphia, PA 19101-3070
Hand Deliver to Dropbox (No Cash)	2 Center Plaza
America's Cash Express (Pay-in-Person) *	888-753-2384
Global Express (Pay-in-Person) *	1-800-989-6669
Pay-by-Phone *	1-888-232-0088

Send Correspondence Only to: P.O. Box 1475, Baltimore, MD 21203

* (These are third-party services and processing fees may apply.)

General Guidelines of Alternative Energy Requests (wind, solar, etc) on MALPF Easement properties
ON-FARM USES (agricultural and residential) – NOT COMMERCIAL OPERATIONS

In order for the MALPF to consider the request, the following information will be needed. The big picture issues to address are if any acres are coming out of production, assurances that the majority of energy generated will only be used on-site, and is the power generated used only on the specific property for agricultural and/or residential uses of the easement property (or possible on another MALPF easement property owner same ownership). The MALPF Board allows for energy to be generated up to 125% of the on-site usage, with the landowner allowed to be reimbursed by power company for the amount (up to 25%) of the excess power generated.

Documents needed to submit request to MALPF:

1. Request letter from landowner
2. Maps showing location of placement of wind turbines/solar panels - what was that area previously used for (meaning, is land coming out of agricultural production to put in solar panels, including access to the solar panels).
3. How much energy will be generated from the alternate energy source - versus energy consumed on site
4. Copies of a winter, spring, summer, fall electric bill to show Board amount of energy consumed on site
5. Will this be used for agricultural use and/or residential use (energy may also be used on other MALPF properties owned by same entity)?
6. Letter from power company/alternative energy consultant explaining the system they will create and how much energy it is estimated to produce in a year.
7. Local ag board approval

The MALPF Board designated the authority to approve alternative energy requests for on-farm use to MALPF if the request follows the guidelines and there is nothing about the request that is unique/outside of previously approved alternative energy installation approvals.

The MALPF Board decided that roof-mounted solar systems for on-site residential and agricultural use only do not need to be approved by the Foundation (Feb. 2017).

