Brookville RFEP Questions and Responses

Please note: This is a QUALIFICATION submittal. It is important that each company/team demonstrates their experience and abilities to provide a public private partnership (P3) or energy-as-a-service project where a third-party implements advanced energy infrastructure onsite to support the charging of the County's bus fleet. The County is interested in creative funding structures. This RFEP will be used to generate a short list of prospective public-private partners with whom the County may engage in more detailed <u>cost proposals and methodologies</u>.

GENERAL

• Can we still submit a proposal if we did not attend the site visit/ pre bid meeting?

Attending the pre-bid meeting is not a pre-requisite for submitting a proposal.

Are you interested in having us help you find a funding partner?

The County anticipates that each project team will include one or more funders. The County does not anticipate funding this project directly and would prefer not to be an intermediary between the developer and the financial partner. Prospective financing partners can access a list of attendees to the pre-bid meeting can be found at https://www.montgomerycountymd.gov/DGS-OES/JobsOpportunities.html#REFP-Brookville to find potential teaming partners.

 Please clarify on what is expected to be submitted in the prequalification response vs the final response? The timeline implies that there is a difference in each submission, including reference to cost & price being included only in the final proposal, and not in the pre-qual proposal.

Prequalification responses should include your firm and/or your teaming partner's ability to provide the technologies and level of service requested in the RFEP. A commitment from a qualified financial entity is highly suggested in the prequalification stage. Pricing and financial structures will be submitted by the selected qualifiers in the final proposal.

• What are the selection criteria?

The Qualified Selection Committee will evaluate the responses that address the items in Section IV of the RFEP and select those that demonstrate their capabilities.

Which is more important to the county - lowest cost or resilience?

The County strives to achieve both with a quality system.

Would you extend the deadline for prequalification proposals 4 weeks/ 30 days?

An extension is not anticipated.

• Will the County allow additional site visits?

Additional site visits will be provided to the prequalified vendors prior to final proposals.

 Can you provide details on what would be considered the highest priorities in community benefits?

The County strives to achieve the following benefits:

- Resiliency
- Cost effectiveness
- Quality system
- Would the County consider a temporary relocation of current services in order to take advantage of potential for reduced construction costs/schedule?

The County will consider all options related to ways to reduce construction costs and schedule impacts. The degree and nature of these will be negotiated with the selected vendor or vendors.

- Can the County provide additional clarity on the timeline?
 - Does the County have a preference in the timing of infrastructure construction? Does the County prefer all infrastructure built upfront or does the County prefer a phased approach? Would the County consider a phased approach if it better aligned with local, state, federal and utility incentive availability?

The County anticipates this project to be a phased approach project that coincides with the delivery of additional buses. Should there be advantages in proposing a schedule that aligns with grants and/or incentives and can provide an economic advantage to the County, it would be considered. Specifically, you may find that installing a solar canopy initially may provide a more advantageous economic proposal than at a later time.

O Does the County have a preferred term length for a PPA?

No preference in the term length but should be no longer than the expected life of the assets.

• Is there a maximum limit set on the number of pages for our proposal?

The size limit is 5 megabytes (MB); no limit on number of pages within. Proposals greater than 5 MB will not be received. It is the responsibility of the prospective bidder to request receipt confirmation.

 Does the County prefer that all partnerships are formalized by RFQ submission or will the County expect that chosen vendors engage additional or alternative partners subject to the performance of due diligence during the RFP stage in order to best address the specific needs and goals of the County in a RFP Proposal?

Potential partners including financial should be identified in the pre-qualification stage. Formal agreements are not necessary, but teams should be identified. We understand teaming arrangements may change prior to the final proposal stage.

Can you clarify the County's interest in 3rd party financing and/or 3rd party ownership of the infrastructure at Brookville? Ie., The statement on page 1 regarding "design-build-finance-operate-maintain a smart energy depot at the Brookville Bus Depot (Depot)": The term DBFOM can be interpreted as excluding private sector ownership. Does the county want to (or maybe even have to) own the assets legally and only give the private sector party a right to use?

The County will provide a site license to the owner/operator of the system (third party ownership). The County will sign a long-term PPA with a successful owner for all production. The County does not require ownership of the assets during the term of the contract but will negotiate buyout terms and conditions during the term and at the term's conclusion.

• On top of page 5, End of Service Life Options, it says the county "will require contractor to ... or <u>purchase</u> the system"... Is the intent of this to mean the County will own the system and require the contractor to commit to purchase the system at the end of the term or was the intent to say that the county wants the right to buy the system at the end of the term from the contractor (which implies the contractor owns the system during the term)?

The contract structure would be such that the third party (ESPC/finance company) would be the energy supplier to the County for the term of the contract and at its conclusion, and at the County's discretion, the third party would either remove the system, extend the operating agreement, or sell the system to the County at a negotiated purchase price.

SITE LOGISTICS

- Can the single line diagrams for the site and the new 3000 amp service be shared? See attached.
 - Is there existing standby generation on the site? If so, can you provide name, make, & model?

Yes, there are diesel back up generators for Buildings D and H. Details will be provided to selected prequalified vendors.

• Could you specify the name, make, & model of existing electrical infrastructure onsite? Transformers and switchgear in particular. Is there spare capacity in any of the existing switchgear? Would the county upgrade the existing electrical interconnection or is a complete new connection desirable? If the later, why?

The existing electrical infrastructure is maxed out. The new 3000-amp service will be sufficient to service the 14 buses that are scheduled to arrive by September 2020. To service the additional build-out new utility service and infrastructure will need to be designed and constructed.

Have you ever experienced flooding from the water retention basin to the west of the site? Or from the low grade of the site?

No.

• Is the site restricted in any way for additional vertical construction? If so, how many stories or feet above ground level can be built?

At this time no plans or commitments are being considered. There are no current restrictions.

• Similarly for below-grade work - Ground conditions and the known potential flooding issues aside, are there below-grade construction limitations?

Stormwater management infrastructure is in place and plans will be provided to the selected prequalified vendors.

Will Montgomery County provide a site plan to inform equipment and generator siting?

Site plans and equipment will be provided to selected pre-qualified vendors. The current stage is a qualification stage and we are interested in knowing your capabilities and prior accomplishments related to the project's requirements.

 What is the overall volume of the expected leaf pile and how are they collected? More specifically, the height and width of the pile? What vehicle will be removing the leaves and what will be the maximum height?

The focus of your qualification response should be concentrated on solar in the bus parking area. Should you need additional area to reach the 2 MW maximum, we will determine alternative locations. Please focus on your capabilities at this stage.

Please provide a schedule of planned feeder and other utility upgrades, if available.

To be determined with Pepco.

• Is the bus depot feeder on a DC feeder line? If not, then will this installation be allowed to generate DC solar renewable energy credits?

Vendors should determine with Pepco. It is anticipated that the solar project will be aggregate net metered.

- PEPCO's Radial Distribution Feeder Hosting Capacity Map indicates that the bus depot is fed
 by Feeder 14268. This feeder has a maximum large system size restriction of 3,000 kW. Would
 the County please confirm that this is the only feeder and how this size restriction will impact
 our set of generators and net metering arrangement?
 - PEPCO Hosting Capacity Map: http://pepco.maps.arcgis.com/apps/webappviewer/index.html?id=75725977c664459f8
 http://epco.maps.arcgis.com/apps/webappviewer/index.html?id=75725977c664459f8
 http://epco.maps.arcgis.com/apps/webappviewer/index.html?id=75725977c664459f8
 http://epco.maps.arcgis.com/apps/webappviewer/index.html?id=75725977c664459f8
 http://epco.maps.arcgis.com/apps/webappviewer/index.html

The County, Pepco, and the successful bidder will determine future feeder options to service the anticipated load.

• The RFEP indicates that the "Interconnection application should be applied for as Net Metering." Does this include net metering of all generators, including the natural gas generators?

Aggregate net metering will apply to the solar only.

 What is the expected timeline for the new feeders to be implemented? And will they be DC feeders? If unsure, when will we know if they will be DC feeders?

The County, Pepco, and the successful bidder will determine future feeder options to service the anticipated load.

UTILITY AND LOAD DATA

• During the site visit, it was stated that we would receive a copy of the monthly electricity and natural gas bills for the site, will those be provided?

See attached.

• Which PEPCO electric rate will apply to the new meter currently planned for the first 14 new buses?

This is currently being discussed with Pepco. Since this project will occur after the 2020 start date for the first 14 buses, the then existing rate is still to be determined. We will discuss a baseline rate with the selected pre-qualified vendors.

• What is the natural gas supply line size and operating pressure? Where are the existing gas meters located?

Gas supply information will be provided to the selected pre-qualified vendors. Your experience with natural gas generators is important to be included in your qualification statements.

Is 15 minute interval data for the existing facility available?

Yes, this will be provided to selected pre-qualified vendors.

What is the potential for combined heat and power?

At this time there is limited thermal load at the facility. We encourage in your qualification submittal to demonstrate your strategy on adding thermal load or providing electrical generation only.

• Can the county provide thermal load data? Please elaborate on the thermal load data provided. (2,000 therms – per month, per year?)

See attached.

 Please provide additional details on the current and future electric load profiles (hourly, daily, and/or monthly).

The future load profiles for the facilities will remain the same. New load profiles will be developed depending on your proposed electrical design, and number and schedule of the electric bus roll out. Bus types and charging types are still to be determined.

• What is the County's current electricity rate?

See utility bills.

• What is the County's current natural gas rate?

See utility bills.

• What is the County's current rate for city water?

See utility bills.

• Is there any on-site water re-use?

There is an existing water reuse system on the bus wash.

Can the County share onsite water usage history?

See utility bills.

 Will Montgomery County provide any additional data, including electric load interval data and bus schedules, to inform our technical design?

Buses will be charged on a 24-hour basis. The number of buses being charged at any given time is still to be determined.

BUSES AND EQUIPMENT

 Our understanding based on the bidders meeting and the RFEP document is that the Brookville Depot will receive 4 electric buses in 2019, 10 in 2020, and an estimated 10 additional buses in each of the subsequent years. I've summarized our understanding in the table below. Could you confirm that this assumption is accurate?

Year	E-Buses in Operation	Annual Bus kWh	kWh per Bus per Day
2019	4		
2020	14	3,000,000	587
2021	24		

Yes, this is anticipated.

• Could you also help us to understand how you calculated the annual bus kWh demand estimate for 2020?

14 buses, 10 hours per day, 60 kW, 360 days.

• We understand the base case for the first 14 buses to be overnight charging. What daytime charging would the county like to see?

The County anticipates some daytime charging. More specific operating will be obtained during the first year of bus operations.

Which chargers did you procure from Proterra (make and model)?

60 kW

• Which buses did the county procure from Proterra? Can the county provide the make and model of the first 14 EV buses?

35 foot electric Proterra buses.

Can the County share the expected EV bus routes and charging schedules?

Not at this time.

- Has the county identified bus types, makes, models, or battery capacity for future EV buses? No.
 - If the county has procured the infrastructure for the first 14 buses, then why under "optional project components" does it say respondents have the opportunity to propose electric vehicle chargers for up to 10 buses as part of the initial project? Is this the same 10 or a different 10 than the already procured 14 first buses?

This would be for chargers 15-24.

How long are the bus routes? How far into the evening do they run?

Still to be determined.

• Is there any material prohibition within the buses, equipment, or the stations? Should the considered buses and equipment be US standards only? Can they be UK standards that can apply to the US scenario?

The current grants for the first 14 buses are subject to Buy American Provisions of the Buy America Act. There are unknown requirements for future bus purchases.

Does the County wish to maintain ownership of the existing electric bus infrastructure (14 chargers) or does the County have interest in transferring ownership as well as O&M to a private partner?

This can be negotiated.

 Please describe the electric bus expansion plans by year. How many electric buses are expected to be added each year?

Anticipated that 10 buses will be added each year.

• Are any Future non-Bus EV intended (employee EV, service vehicles)?

We would consider adding non- bus EV charger sites at this location.

• What is the anticipated annual load and peak demand for the bus depot when all 70 electric buses are in operation?

This is dependent on the number and type of chargers that are installed on site.

MICROGRID, SOLAR AND CHP

Does the county have any specific requirements regarding micro-grid control?

As indicated in the solicitation, all controls should interface with either the Siemens Apogee or Schneider Electric's EcoStruture software.

• Is there a particular motivation for connecting the site to multiple feeders? Is this only for additional resilience?

The County's goal is to achieve a state of the art, resilient bus depot. This may include multiple feeders and on-site generation to achieve this objective.

What would be the purpose of a microgrid for the site?

Continuation of services to the community in the event of a major grid outage. The goal is to generate as much clean energy as feasible and island and run independently from the electrical grid when necessary due to outage.

Can some of the stations have the ability to produce power or use it as a selling agent?

The County is open to different structures that meet our objectives, however access to the site will be restricted to authorized users due to ongoing transit operations.

How long does the County require a microgrid solution to operate in island mode?

In your qualifications, you should discuss your experience in sequencing generation assets that have the ability to maintain island mode for extended periods of time.

 What percentage of electrical load does the County consider as critical to be supported by a microgrid in island mode?

Any micorgrid installed onsite should be able to support charging of all 70 buses in grid connected mode. Your response should discuss how your solution can charge the maximum amount of buses possible in island mode.

 To what degree does the County prefer the Smart Energy Depot microgrid solution interface with the existing controls and platform in use at the Public Safety Headquarters and Correctional Facility?

As indicated in the solicitation, all controls should interface with either the Siemens Apogee or Schneider Electric's EcoStruture software. This should provide us management of the Brookville Depot at our central control facility.

• Does Montgomery County have any conceptual design for the system and expected capacity ratings for the natural gas generators, solar array, and battery system?

No. The selected pre-qualified vendors will include this in their final proposal.

• Would a combined heat and power generator be allowed to provide any baseload generation and resiliency in addition to the energy supplied by the solar array?

Yes.

 Will Montgomery County consider ground-mounted or rooftop solar in addition to solar carports?

Yes. Proposed ground mounts will be considered but cannot reduce the operational footprint of the parking area and other paved surfaces.

- How much space is available for a ground-mounted or rooftop solar array?
 To be determined.
- Would the County accept a proposed solar array that excludes solar carports entirely?
 Yes, the County would accept a solar proposal that excludes solar carports. To meet the
 County's GHG emission reduction goals, in your submission, please provide how you would

accomplish meeting the equivalent GHG emissions that would be met with solar carports without reducing the County's operational footprint on the site.

- Is it possible that the solar array would be considered a community solar installation?
 The County anticipates that the system will be aggregate net metered.
 - If so, then may the developer site additional solar arrays at other County-owned sites near the bus depot and how much area would be available?

The County does not anticipate offering any nearby County properties for solar development at this time.

FINANCING

How long can the financing last? Could it be paid in balloon payments once a year?

The contract should be priced in dollars per kWh invoiced on a monthly basis. The term of the financing should be the life expectancy of the asset.

 Is the County seeking financing for the additional 56 buses? Is there interest in including County EV buses as part of a PPA? If so, what timeframe would the County want to take delivery of new buses? Will the timeframe remain 10 buses per year for 5 years?

The County's priorities are the clean energy, microgrid and other aspects of the site. Bidders may propose the provision of electric buses as a supplement to their proposal. Bidders should clearly indicate if the inclusion of buses is a required aspect of their offer or optional. The details would be discussed during the cost and price phase and may be subject to other aspects of the County's procurement laws.

- What rebates will be available for the combined heat and power, solar and storage systems? All bidders should conduct research on potential rebates and grants.
 - Will there be any additional grants available in Montgomery County?
 Not at this time.
 - Is there any potential for the installation to receive any sales tax exemptions or payment-in-lieu-of-taxes (PILOT) agreements?

No.

 Will the installation be able to participate in and benefit from PEPCO's solar renewable energy credit (REC) market? Will the installation be allowed to generate DC RECs?

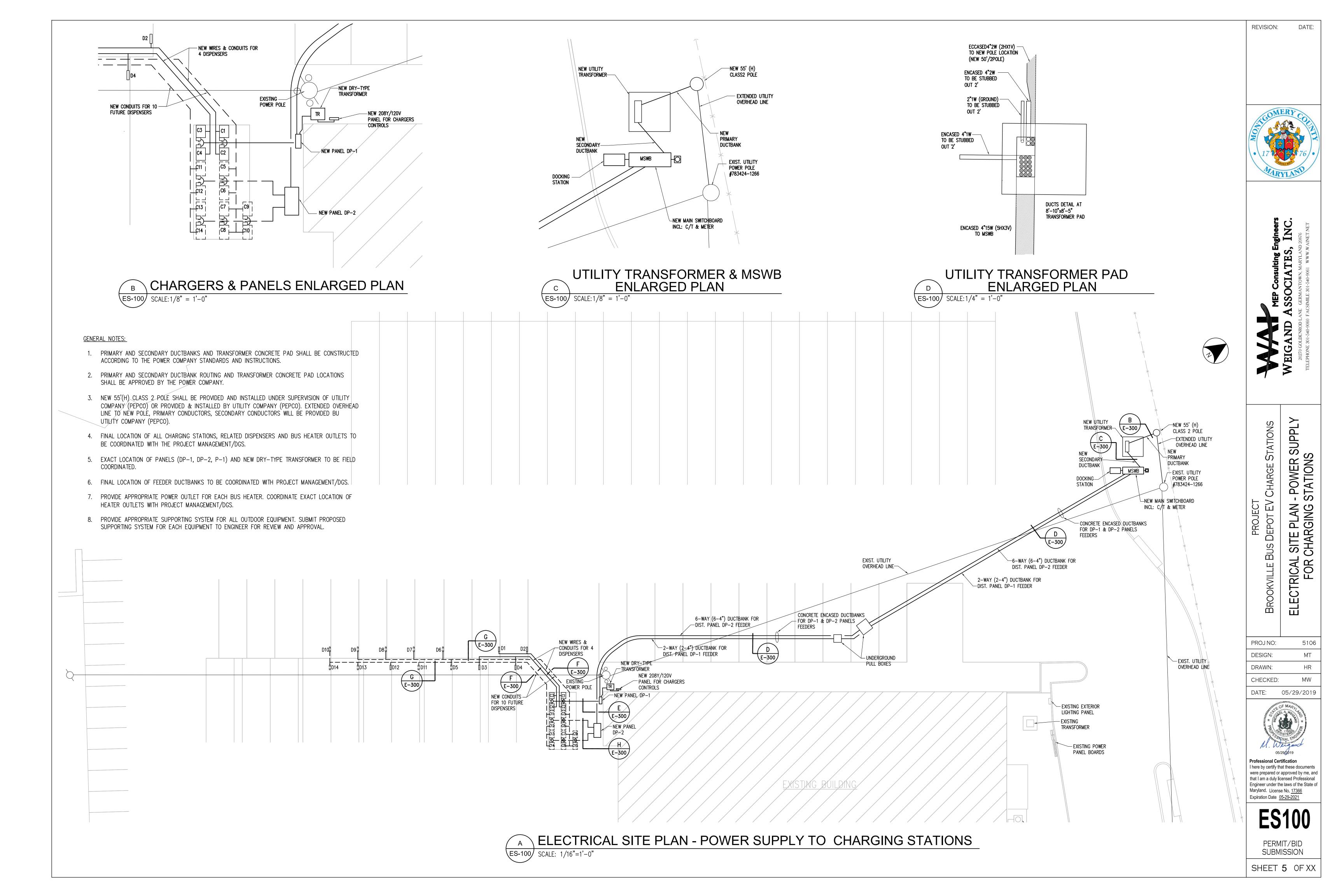
All bidders should conduct research on this aspect.

• If community solar status is achievable, then are there specific rates and tariffs available for this type of installation?

Not applicable.

• Does the county want the electrical infrastructure for the EV charging (upgrades for new connection, trenching, etc.) to be rolled into the cost of the project or reimbursed by the project?

As noted in the solicitation, the County is seeking expressions of interests and qualifications to design-build-finance-operate-maintain a smart energy depot at the Brookville Bus Depot (Depot). All associated capital expenses will be part of the financing package or negotiated during the cost and price phase.



ELECTRIC (kWh)													
Building	FY15	FY16	FY17	FY18	FY19								
BROOKVILLE MF- BLDG A. (OUTSIDE)	71,751	58,995	50,872	69,568	65,385								
BROOKVILLE MF- BLDG A.	453,520	309,600	439,266	457,255	453,949								
BROOKVILLE MF- BLDG D.	994,500	942,000	731,687	613,278	725,163								
BROOKVILLE MF- BLDG I. (TRUCK WASH)													
SILVER SPRING RIDE ON OPS BLDG H	243,680	222,160	253,315	232,183	228,908								
TOTAL	1,763,451	1,532,755	1,475,140	1,372,284	1,473,405	5,0	27,467 kbtu						
GAS (therms)		m											
Building	FY15	FY16	FY17	FY18	FY19								
BROOKVILLE MF- BLDG A. (OUTSIDE)	40.000	40.055	45.550	40.400	47.570								
BROOKVILLE MF- BLDG A.	18,088	13,855	15,658	18,180	17,579								
BROOKVILLE MF- BLDG D.	4 500												
BROOKVILLE MF- BLDG I. (TRUCK WASH)	1,593	1,331	2,469	2,039	575								
SILVER SPRING RIDE ON OPS BLDG H		4= 400	6,135	4,880	2,142								
TOTAL	19,681	15,186	24,262	25,098	20,296	2,0	29,095 kbtu						
AAND (kW)													
BROOKVILLE MF- BLDG A. (OUTSIDE)	Jan	Feb	Mar	Apr	May J	un Jul	Aug	Sep	Oct	Nov	Dec	To	otal
2014	0	0	0	0	0	10	0	10	9	0	43	0	43
2015	10	31	29	9	9	9	9	9	9	0	26	0	31
2016	32	28	26	0	0	7	7	7	7	7	7	7	32
2017	25	7	7	6	6	7	9	9	10	10	13	76	76
2018	72	52	10	9	9	9	9	9	9	10	67	67	72
2019	56	45	48	9	7	7	6	7	0	0	0	0	56
Total	72	52	48	9	9	10	9	10	10	10	67	76	76
BROOKVILLE MF- BLDG A.	Jan	Feb	Mar	Apr	May J	un Jul	Aug	Sep	Oct	Nov	Dec	To	otal
2014	102	110	70	99	116	117	101	97	111	78	73	0	117
2015	63	69	0	66	67	79	79	79	0	0	73	0	79
2016	0	71	74	70	68	74	83	81	78	67	68	70	83
2017	78	74	74	72	82	86	86	81	77	82	75	79	86
2018	84	71	73	70	79	77	80	79	94	82	76	85	94
2019	76	75	78	77	67	73	77	78	0	0	0	0	78
Total	102	110	78	99	116	117	101	97	111	82	76	85	117
BROOKVILLE MF- BLDG D.	Jan	Feb	Mar	Apr	.,	un Jul	Aug	Sep		Nov	Dec		otal
2014	186	186	186	186	186	186	186	186	186	1	153	0	186
2015	165	165	0	147	138	147	165	165	144	129	132	144	165
2016	159	159	150	138	135	147	150	144	132	99	111	123	159
2017	129	120	126	99	87	104	124	110	103	94	112	115	129
2018	121	109	102	96	98	97	111	115	117	112	126	121	126
2019	134	129	116	96	102	104	111	116	0	0	0	0	134
Total	186	186	186	186	186	186	186	186	186	129	153	144	186
	Jan	Feb	Mar	Apr	May J	un Jul	Aug	Sep	Oct	Nov	Dec	T/	otal
SILVER SPRING RIDE ON OPS BLOG H	Juli			52	52	52	52 52	52 52	52	0	38	0	52
SILVER SPRING RIDE ON OPS BLDG H	52	52			32					47		44	54
2014	52 42	52 37	52 0		52	53	54	52	54				54
2014 2015	42	37	0	38	52 47	53 52	54 50	52 52	54 57		44 47		57
2014 2015 2016	42 35	37 35	0 36	38 46	47	52	50	52	57	57	47	42	57 52
2014 2015 2016 2017	42 35 38	37 35 36	0 36 35	38 46 46	47 49	52 49	50 52	52 52	57 51	57 50	47 47	42 44	52
2014 2015 2016	42 35	37 35	0 36	38 46	47	52	50	52	57	57	47	42	

Brookville Building A- Electricity

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-28	2018-09-27	5763.98	49503	kWh
2018-09-27	2018-10-26	4780.33	39350	kWh
2018-10-26	2018-11-29	4576.92	39494	kWh
2018-11-29	2018-12-28	4149.36	33565	kWh
2018-12-28	2019-01-30	4614.94	40189	kWh
2019-01-30	2019-02-27	4170.23	35013	kWh
2019-02-27	2019-03-28	4263.61	35395	kWh
2019-03-28	2019-04-26	4286.8	35617	kWh
2019-04-26	2019-05-29	4173.52	34656	kWh
2019-05-29	2019-06-27	3983.08	33628	kWh
2019-06-27	2019-07-29	4634.11	40421	kWh
2019-07-29	2019-08-28	4119.74	36351	kWh

Brookville Building A - Natural Gas

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-30	2018-09-28	538.83	553.1	THERM
2018-09-28	2018-10-30	908.14	1004.1	THERM
2018-10-30	2018-11-29	2162.81	2530	THERM
2018-11-29	2018-12-28	2706.23	2690.9	THERM
2018-12-28	2019-01-30	3115.49	3462.1	THERM
2019-01-30	2019-02-27	2674.33	2864.6	THERM
2019-02-27	2019-03-28	2363.53	2619.4	THERM
2019-03-28	2019-04-29	1038.07	1174	THERM
2019-04-29	2019-05-30	338.02	289.4	THERM
2019-05-30	2019-06-27	212.29	181.4	THERM
2019-06-27	2019-07-30	102.63	65.1	THERM
2019-07-30	2019-08-29	122.08	89.7	THERM

Building A Outside - Electricity Meter 1

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-28	2018-09-27	468.67	3617	kWh
2018-09-27	2018-10-26	502.28	3520	kWh
2018-10-26	2018-11-29	961.12	6659	kWh
2018-11-29	2018-12-28	1213.93	8648	kWh
2018-12-28	2019-01-30	884.61	6309	kWh
2019-01-30	2019-02-27	779.07	5435	kWh
2019-02-27	2019-03-28	690.48	4483	kWh
2019-03-28	2019-04-26	428.46	3186	kWh
2019-04-26	2019-05-29	361.61	2621	kWh
2019-05-29	2019-06-27	307.3	2186	kWh
2019-06-27	2019-07-29	329.96	2447	kWh
2019-07-29	2019-08-28	690.24	2413	kWh

Building A Outiside - Electricity Meter 2

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-28	2018-09-27	151.65	1030	kWh
2018-09-27	2018-10-26	163.23	1086	kWh
2018-10-26	2018-11-29	152.95	1383	kWh
2018-11-29	2018-12-28	131.46	1085	kWh
2018-12-28	2019-01-30	136.12	1212	kWh

2019-01-30	2019-02-27	111.06	963	kWh
2019-02-27	2019-03-28	103.63	903	kWh
2019-03-28	2019-04-26	95.55	821	kWh
2019-04-26	2019-05-29	120.62	1005	kWh
2019-05-29	2019-06-27	135.01	899	kWh
2019-06-27	2019-07-29	152.02	1035	kWh
2019-07-29	2019-08-28	152.12	1043	kWh

Building A Outside - Water Meter 1

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-09-11	2018-10-11	4365.54	207000	Gal
2018-10-11	2018-11-13	4986.89	234000	Gal
2018-11-13	2018-12-10	4310.91	203000	Gal
2018-12-10	2019-01-11	4405.99	208000	Gal
2019-01-11	2019-02-14	4778.1	226000	Gal
2019-02-14	2019-03-11	4171.3	197000	Gal
2019-03-11	2019-04-10	7326.55	346000	Gal
2019-04-10	2019-05-10	7630	361000	Gal
2019-05-10	2019-06-07	7548.38	358000	Gal
2019-06-07	2019-07-01	6794.5	323000	Gal
2019-07-01	2019-08-02	9190.56	439000	Gal
2019-08-02	2019-09-05	9614.31	459000	Gal

Building A Outside Water Meter 2

0				
Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-07-10	2018-08-10	3220.27	108000	Gal
2018-08-10	2018-09-10	3048.64	99000	Gal
2018-09-10	2018-10-10	3259.34	112000	Gal
2018-10-10	2018-11-09	3106.78	104000	Gal
2018-11-09	2018-12-10	4145.74	153000	Gal
2018-12-10	2019-01-10	4516.43	172000	Gal
2019-01-10	2019-02-11	4807.27	185000	Gal
2019-02-11	2019-03-11	4736.45	189000	Gal
2019-03-11	2019-04-10	6009.16	247000	Gal
2019-04-10	2019-05-10	6266.3	260000	Gal
2019-05-10	2019-06-05	5728.68	235000	Gal
2019-06-05	2019-07-02	2563.58	81214	Gal

Truck Wash - Natural Gas

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-30	2018-09-28	28	7.2	THERM
2018-09-28	2018-10-30	41.86	21.7	THERM
2018-10-30	2018-11-29	217.19	203.6	THERM
2018-11-29	2018-12-28	18.15	0	THERM
2018-12-28	2019-01-30	18.88	0	THERM
2019-01-30	2019-02-27	22.05	2.1	THERM
2019-02-27	2019-03-28	245.79	217.2	THERM
2019-03-28	2019-04-29	51.29	32.2	THERM
2019-04-29	2019-05-30	78.72	57.7	THERM
2019-05-30	2019-06-27	44.56	26.7	THERM
2019-06-27	2019-07-30	26.07	7.2	THERM
2019-07-30	2019-08-29	35.98	18.6	THERM

Building D - Electricity

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-28	2018-09-27	6940.21	59098	kWh
2018-09-27	2018-10-26	6106.39	49850	kWh
2018-10-26	2018-11-29	8702.2	76854	kWh
2018-11-29	2018-12-28	7534.64	62755	kWh
2018-12-28	2019-01-30	8490.7	75187	kWh
2019-01-30	2019-02-27	7451.74	63541	kWh
2019-02-27	2019-03-28	7360.99	62380	kWh
2019-03-28	2019-04-26	5968.16	49947	kWh
2019-04-26	2019-05-29	6585.63	55228	kWh
2019-05-29	2019-06-27	5627.86	47574	kWh
2019-06-27	2019-07-29	7029.7	61741	kWh
2019-07-29	2019-08-28	6134.83	54371	kWh

Building H - Natural Gas

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-07-30	2018-08-30	101.72	46.1	THERM
2018-08-30	2018-09-28	102.95	47.4	THERM
2018-09-28	2018-10-30	279.92	225.6	THERM
2018-10-30	2018-11-29	528.13	509.1	THERM
2018-11-29	2018-12-28	332.39	286	THERM
2018-12-28	2019-01-30	396.98	356.3	THERM
2019-01-30	2019-02-27	336.49	261.8	THERM
2019-02-27	2019-03-28	317.31	237.5	THERM
2019-03-28	2019-04-29	118.14	67.5	THERM
2019-04-29	2019-05-30	69.76	23.1	THERM
2019-05-30	2019-06-27	79.77	34.5	THERM
2019-06-27	2019-07-30	86.95	40.5	THERM
2019-07-30	2019-08-29	53.68	37	THERM

Building H - Electricity

Bill Begin Date	Bill End Date	Meter Cost	Use	Use Unit
2018-08-28	2018-09-27	2566.07	21329	kWh
2018-09-27	2018-10-26	2393.14	19129	kWh
2018-10-26	2018-11-29	2622.68	22477	kWh
2018-11-29	2018-12-28	2186.96	17589	kWh
2018-12-28	2019-01-30	2353.65	20025	kWh
2019-01-30	2019-02-27	1999.07	16195	kWh
2019-02-27	2019-03-28	2013.77	16156	kWh
2019-03-28	2019-04-26	1763.06	13892	kWh
2019-04-26	2019-05-29	2321.64	18654	kWh
2019-05-29	2019-06-27	2257.68	18550	kWh
2019-06-27	2019-07-29	2697.03	23202	kWh
2019-07-29	2019-08-28	2655.59	21612	kWh



Your electric bill - Oct 2018

for the period September 28, 2018 to October 26, 2018



	beb	CO _®
An I	Exelon Co	ompany



Your service address: 8710 BROOKVILLE RD F6003

SILVER SPRING MD 20910

Bill Issue date: Oct 31, 2018

Summary of your charges

Total amount due by Nov 21, 2018	\$6,106.39
New WGL Energy Svcs supply charges	\$3,312.16
New electric charges	\$2,794.23
Balance forward as of Oct 31, 2018	\$0.00
Your payment(s) - thank you	\$6,940.21-
Balance from your last bill	\$6,940.21

After Nov 21, 2018, a Late Payment Charge of \$91.16 will be added, increasing the amount due to \$6,197.55.

Your smart electric meter is read wirelessly. Visit My Account at pepco.com to view your daily and hourly energy usage.

If you are moving or discontinuing service, please contact Pepco at least three days in advance.

Information regarding rate schedules and how to verify the accuracy of your bill will be mailed upon request.

Follow us on Twitter at twitter.com/PepcoConnect. Like us on Facebook at facebook.com/PepcoConnect.

The EmPOWER MD charge funds programs that can help you reduce your energy consumption and save you money. For more information, including how to participate, go to pepco.com/saveenergy.

Customer Service (Mon-Fri, 7am - 8 pm) 202-833-7500 Hearing Impaired (TTY) 202-872-2369 ¿Problemas con la factura? 202-833-7500 Electric emergencies & outages (24 hours) 1-877-737-2662 Visit pepco.com for service, billing and correspondence information.

Return this coupon with your payment		
made payable to Pepco	Total amount due by Nov 21	, 2018 \$6,106.3
	Total amount due after Nov	21, 2018 \$6,197.5 !
	Amount \$	
	PO BOX 13608 PHILADELPHIA PA 19101	
	իլվոլիայալերովը, _{ներ} ուկաիլի	ր սեվՈսեսլ Ոգե

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Your electric bill for the period

September 28, 2018 to October 26, 2018

Details of your Electric Charges

Non-Residential-MGT-LV IIB - Electricity you used this period

Start	Number	Total
Date_	Of Days	Use
Sep 28	29	49850
Sep 28	29	11388
Sep 28	29	12265
Sep 28	29	26197
Sep 28	29	102.48
-		
Sep 28	29	111.51
•		
Sep 28	29	100.62
•		
	Date_ Sep 28 Sep 28 Sep 28 Sep 28 Sep 28 Sep 28	Date Of Days Sep 28 29 Sep 28 29

Electric Summary Balance from your last bill Payment Oct 10	\$3,044.14 \$3,044.14-
Total Payments	\$3,044.14-
Electric Charges (Non-Residential- MGT-LV IIB)	\$2,794.23
New electric charges	\$2,794.23
Total amount due by Nov 21, 2018	\$2,794.23

Total use-kWh 49850

Your meter records hourly use. Total use is the sum of this hourly data. Please visit My Account at pepco.com to view your energy use data.

Your next bill period is scheduled to end on November 29, 2018

Delivery Charges: These charges reflect the cost of bringing electricity to you. Current charges for 29 days, **summer rates in effect.**

Type of charge	How we calculate this charge	Amount(\$)
Distribution Services:		
Customer Charge		43.72
Energy Charge	49850 kWh X \$0.0194180 per kWh	967.98
Maximum Demand	111.50 kW X \$3.1333000 per kW	349.36
Franchise Tax (Delivery)	49850 kWh X \$0.0006200 per kWh	30.91
Universal Service Charge MD Environmental		53.12
Surcharge	49850 kWh X \$0.0001420 per kWh	7.08
Empower MD Chg	49850 kWh X \$0.0065880 per kWh	328.41

Page 2 of 4

☐ Check here to enroll in the Direct Debit plan	Sign and date here	

By signing here, you authorize Pepco to electronically deduct the amount of your monthly bill from your checking account each month. The check you send with this signed authorization will be used to set up Direct Debit. You understand that we will notify you each month of the date and amount of the debit, which will be on or after the due date stated on your monthly bill. You understand that to withdraw this authorization you must call Pepco. You understand that Pepco does not charge for this service, but that your bank may have charges for this service.

Customer Service Centers

Washington DC Maryland

701 Ninth St NW (Mon - Fri) 8:30am - 5:15pm 201 West Gude Dr, Rockville (Mon - Fri) 10:00am - 2:00pm 2300 Martin Luther King Jr Ave SE (Mon - Fri) 9:00am - 5:00pm 8300 Old Marlboro Pk, Forestville (Mon, Wed, Fri) 10:00am - 2:00pm

Any inquiry or complaint about this bill should be made prior to the due date, in order to avoid late charges.

Electronic Check Conversion - When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.

MONTG COUNTY GOVT DOT FM5108 10 12RIDE

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Gross Receipts Tax Montgomery County Energy Tax

Administrative Credit

at 2.0408%

49850 kWh X \$0.0202236 per kWh 49850 kWh X \$0.0006183- per kWh

Total Electric Delivery Charges

Your electric bill for the period

September 28, 2018 to October 26, 2018

36.32

1,008.15

30.82-

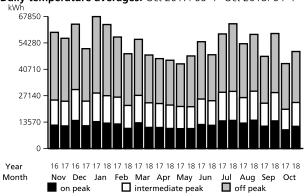
2,794.23

2,794.23

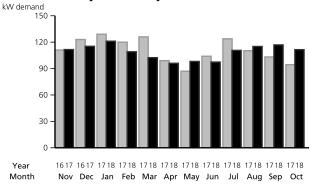
Total Electric Charges - Non-Residential-MGT-LV IIB

Your monthly Electricity use in kWh

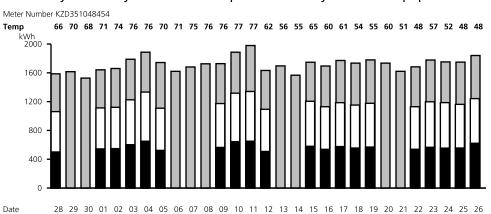
Daily temperature averages: Oct 2017: 66° F Oct 2018: 64° F



Your monthly Electricity use in kW demand



Your daily electricity use for this bill period. Visit My Account at pepco.com to see your hourly electricity use.



■ on peak □ intermediate peak □ off peak

MONTG COUNTY GOVT DOT FM5108 10 12RIDE

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Your electric bill for the period

September 28, 2018 to October 26, 2018

WGL Energy Svcs electric supply charges

Service number

Your electricity is supplied by WGL Energy Services. If you have any questions about your electric supply charges, call WGL Energy Services at 1-844-427-5945.

Billing period: Sep 28, 2018 to Oct 26, 2018 (29 days)

Type of service: Non-Residential-MGT-LV IIB

TEC Resettlement: 9/28/2018-10/26/2018 \$206.50
Total Use: 49850 kwh at \$0.0623 per kwh \$3,105.66

Amount(\$) 3,312.16

WGL Energy Svcs electric charges

Email EMP@wglenergy.com to access your free Energy Management Platform

account

WGL Energy Svc Supply Summary	
Balance from your	
last bill	\$3,896.07
Payment Oct 10	\$3,896.07-
Total Payments	\$3,896.07-
Total Current	
Charges	\$3,312.16
New WGL Energy	
Svcs electric supply	
charges	\$3,312.16
Total amount due	
by Nov 21, 2018	\$3,312.16



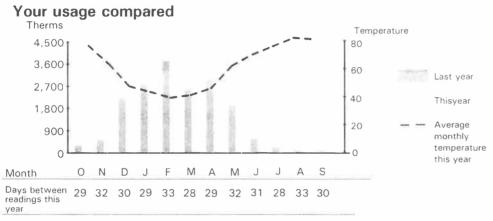
Page 1 of 2

Gas Bill

Please pay \$122.08 by September 25, 2019.

To avoid late payment charges, full payment must be received by the due date. Please note late fees will continue to accrue in accordance with our tariffs.

Thanks for being a valuable customer of Washington Gas. Your next meter reading date is September 27, 2019.



For energy advice visit washingtongasliving.com

Call before you dig

Prevent damage to underground pipelines. Call 811 before you dig. It's the law.

Sign up for Budget Billing

The budget plan can help you manage natural gas costs by spreading higher heating bills over the entire year by spreading higher heating bills over the entire year. Call the automated line at 844-WASHGAS to enroll today.

Go paperless for 24/7 access to your statements, increased security from mail theft and a more eco-friendly billing option. To join our growing number of Paperless Billing customers, visit washingtongas.com/ebill and select the option to enroll.

Bill date: September 3, 2019

Period: Jul 31, 2019-Aug 29, 2019 (30 days) Service address: 8710 BROOKVILLE RD, SILVER

SPRING, MD 20910

Questions?

washingtongas.com

844-WASHGAS (927-4427)

Mon - Fri: 8am - 9pm, Sat: 8am - 4:30pm

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Washington Gas Customer Care

6801 Industrial Road Springfield VA 22151-4294

Your account

Total to pay	\$122.08
Total Charges This Period	\$122.08
Current Gas Charges	\$122.08
Balance brought forward	\$0.00
Payments/Credits	\$ - 102.63
Balance on your last bill	\$102.63

See over for details -->



1000 Maine Avenue, SW, Suite 700 Washington, DC 20024 1-844-WASHGAS (927-4427)

ADDRESS SERVICE REQUESTED

րդերկայիցերութիկերոկացերիներինակե
WASHINGTON GAS PO BOX 37747 PHILADELPHIA PA 19101-5047

Your charges in detail

Rate Class: Commercial and Industrial Heating Delivery Service

Next Read Date: September 27, 2019

From date	To date	Reading Type	Previous Reading	Current Reading	Consumption Billed CCF
7/31/19	8/29/19	Actual	61,327	61,414	87

Total Therms(TH) used for 30 days

Total CCFx1.031 89.7

Payments/	Payment August 20, 2019	\$-102.63
Credits	Total Payments/Credits	\$-102.63
Distribution	Previous Bill Amount	\$78.87
service	Payments/credits Applied	\$-78.87
	Balance brought forward	\$0.00
Washington	DISTRIBUTION SERVICE	
Gas	Distribution Charge 89.7 TH x .3575	\$32.07
	STRIDE Surcharge	\$4.95
	EmPower MD Surcharge	\$0.04
	System Charge	\$38.05
	TAXES	
	Montgomery County Tax 89.7 TH x .1741121	\$15.62
	MD Gross Receipts Tax Surcharge	\$0.02
	Total Current Washington Gas Charges	\$90.75
	Total Washington Gas Charges This Period	\$90.75
Natural Gas supply service	Previous Bill Amount	\$23.76
	Payments/credits Applied	\$-23.76
	Balance brought forward	\$0.00
WGL Energy	Commodity Charge 89.7 TH x .3428	\$30.75
	Balancing 89.7 TH x .0065	\$0.58
	WGL Energy Services Services subtotal	\$31.33
	Actual Monthly Distribution and Natural Gas Supply Service Charges	\$122.08

Washington Gas protects customers' account information. It is shared only with the person whose name appears on the account, and only that person can authorize that a second name be added.

Ways to pay

Automated Payment Plan

The easiest way to pay your bill and avoid late payment charges. Get more information, or sign up today at washingtongas.com



Phone

Pay your gas bill over the phone any time by check, credit or debit card on our automated Special Services line at 844 WASHGAS (927-4427)



Mail

Please send your check (made payable to Washington Gas) with this remittance stub te Washington Gas, PO Box 37747, Philadelphia PA 19101-5047

Please note: If you pay by check, you authorize us to clear it electronically. We will not return your check to you. Your payment receipt and bank statement are proof of payment.



Online

Pay your bill online anytime, day or night, at washingtongas.com. Enroll to receive bill notifications and ask for services.

Payment locations (M F 8am 4pm)

1100 H Street, NW, Washington DC 2300 Martin Luther King Jr Ave, SE, Wash DC 350 Hillandale Lane, Winchester VA 1800 N Market St, Frederick MD

Payment Drop boxes are available at each of the above offices. Payment drop boxes are also located at: 1000 Maine Avenue, SW, Washington DC 6801 Industrial Rd, Springfield VA 4000 Forestville Road, Forestville MD

About your supplier

Your gas is supplied by WGL Energy Services To contact WGL Energy Services: 1/844-4ASKWGL / 1-844-427-5945

Washington Gas is regulated by the Maryland Public Service Commission. www.psc.state.md.us. Washington Gas will furnish rate schedule and bill calculation data upon request.

MD Commission phone: 800 492 0474

MD Commission address: William Donald Schaefer Tower 6 St Paul St., 16th Fl. Baltimore MD 21202

Other Contacts

Bill Inquiries: 844 WASHGAS 711 for TTY/TDD; voice relay

If you smell gas: Call 911 then 844-WASHGAS

Useful Information

CCF: A unit of measurement for the amount of gas used. One CCF = 100 cubic feet.

Distribution charge: Covers the monthly cost of transporting your gas through our pipes and storage tanks to your meter. The charge is based on the amount of gas used.

PGC (Purchased Gas Charge): The cost of the natural gas we buy, plus the cost of transporting it to our system.

System charge: Covers certain other costs of providing your service, including depreciation of equipment, taxes, maintenance and repair of customer lines, and expenses such as meter reading and billing.

Therm (TH): A measure of the energy in natural gas, equal to the amount of gas (in CCFs) times a heat content factor.

EmPOWER Maryland programs are funded by a charge on your gas bill. These programs help you save energy and save money. For more information, including how to participate, go to: www.washingtongasrebates.com

For more information about this will or terminology used, please visit our web site at washingtongas.com/pages/UnderstandingYourBill

Questions? Any inquiries about this bill should be made prior to the due date, in order to avoid late charges. Call 844-WASHGAS (927-4427) or write to Washington Gas, Customer Care, 6801 Industrial Road, Springfield, VA 22151-4294

Pay By Cash



Need to change your information?
If you've changed your mailing address or other personal details call us on 844-WASHGAS



Water and Sewer Bill

MONT.CO S.S. MAINT BLDG A 8710 BROOKEVILLE RD



Bill Period 06/05/19-07/02/19 27 Days



What Do I Owe And When Do I Pay?

PRIOR BALANCE \$0.00



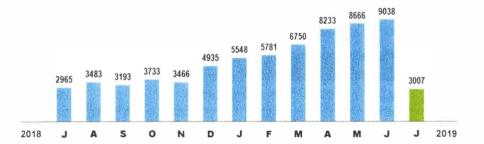
\$2,563.58 Due 08/12/19

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How Much Water Do I Use?

Average gallons used per day



81,214

Total gallons used thin period 3,007

Average gallons used per day this puried

55

A rerage gallons used per day by a typical person

81,214 Gallons ÷ 27 Days = 3,007 Average Daily Gallons



Need Assistance

For questions about billing, account maintenance or payments, call Customer Service, 7:30 a.m. to 7:00 p.m., Monday - Friday at 301-206-4001. For emergency service 24 hours daily, call 301-206-4002.



My Water Quality

Your latest Water Quality Report is now available! Please view it at www.wsscwater.com/wqr to learn about the source and quality of your drinking water. As always, WSSC has met or done better than all drinking water quality standards. To receive a paper copy, please call 301-206-8100.

Return this portion with your payment.

Please make check payable to WSSC and write your account number on the check.

Service Address 8710 BROOKEVILLE RD

Pennies Make a Difference

Contribute to the WSSC Water Fund by checking the Round Up box or writing in your donation of \$1 or more, Visit wsscwater.com/waterfund to learn more.

Total Due

\$2,563.58

After 08/12/19 Pay \$2,691.76

Round Up Amount \$2,564.00

Water Fund Amount

Total Payment

\$



Washington Suburban Sanitary Commission

14501 Sweitzer Lane Laurel, Maryland 20707-5902

 Phone
 301-206-4001

 TTY
 301-206-8345

 Emergency
 301-206-4002

 Online
 wsscwater.com

Emergency Service and the Interactive Voice Response System are available 24 hours a day.



See below for the new water and sewer rates effective July 1, 2019

Tier	Gallons Per Day	Water	Sewer
1	0 - 80.9999	\$5.09	\$6.80
2	81 - 165.9999	\$5.74	\$7.56
3	166 - 275.9999	\$6.62	\$9.47
4	276 & Greater	\$7.76	\$12.50

Additional Billing Information is Online

For billing information, including our rate structure fees and ways to pay, visit wsscwater.com/paymybill

WSSC Customer Affordability Programs

To find out if you are eligible for any of our income eligibility programs, visit wsscwater.com/assistance.

This is an estimated bill

It is urgent that we obtain an actual meter reading within 7 days. Please call us at (301) 206-4001.

My Billing Details

PRIOR BALANCE Last Statement Balance Payment(s) Received by 07/12/19	\$0.00 \$5,728.68 - \$5,728.68
WATER CHARGES - July 2018 Rates 75,198.1 gallons x \$7.91 per 1,000 gallons	\$594.82 \$594.82
WATER CHARGES - July 2019 Rates 162 gallons x \$5.09 per 1,000 gallons 170 gallons x \$5.74 per 1,000 gallons 220 gallons x \$6.62 per 1,000 gallons 5,463.9 gallons x \$7.76 per 1,000 gallons	\$45.66 \$0.82 \$0.98 \$1.46 \$42.40
SEWER CHARGES - July 2018 Rates 75,198.1 gallons x \$11.16 per 1,000 gallons	\$839.21 \$839.21
SEWER CHARGES - July 2019 Rates 162 gallons x \$6.80 per 1,000 gallons 170 gallons x \$7.56 per 1,000 gallons 220 gallons x \$9.47 per 1,000 gallons 5,463.9 gallons x \$12.50 per 1,000 gallons	\$72.77 \$1.10 \$1.29 \$2.08 \$68.30
State of Maryland Bay Restoration Fee State of Maryland Bay Restoration Fee - Total Reversed Cross Connection Fee Account Maintenance Fee Infrastructure Investment Fee	\$1,011.12 \$53.23 - \$53.23 \$6.28 \$201.80 \$803.04

TOTAL DUE	\$2,563.58
Total Due after 08/12/19 (including late fee)	\$2,691.76



Water and Sewer Usage: 81,214 gallons

My Meter Reading Details continued on following page...



Pay your bill using one of the options below. Visit **wsscwater.com/paymybill** for more information. To let us know how we are doing and if you need further assistance, email **customerservice@wsscwater.com** or call **301-206-4001**.



ONLINE

wsscwater.com/paymybill



PHONE

301-206-4001



IN DERSON

WSSC 14501 Sweitzer Lane Laurel, MD 20707



MAIL

WSSC, Revenue 14501 Sweitzer Lane Laurel, MD 20707





My Meter Reading Details Continued...

Current: 14,391,214 Est. 07/02/19 Previous: 14,310,000 Act. 06/05/19 Usage: 81,214 gallons

Bili Date 07/12/19

Bill Period 06/05/19-07/02/19 27 Days