#### **BGE's Customer Consumption Data Website Guidelines**

BGE's Customer Consumption Data Web (CDWeb) application provides gas and electricity suppliers, brokers, aggregators, third-party consultants and curtailment service providers with the capability to access BGE's customer consumption data without intervention from BGE. The data includes 12 months of gas and/or electric historic data, as well as electric interval data for any account that has an interval meter. The CDWeb application is supported on Microsoft Internet Explorer, Google Chrome, Mozilla Firefox and Microsoft Edge.

The CDWeb provides the following functionalities:

-"Historical Monthly Usage" (HU) option – This option provides 12-months of historical usage. Available for all account types.

-"15-Minute Interval" option – This option is only available for large service customers (primary service or GLP accounts equipped with an interval/MV90 meter). This data provides you with the customer's electric interval data in 15-minute intervals.

-"Historical Interval" (HI) option – This option provides 12-months of hourly data for residential and non-residential customers who have a certified Advanced Metering Infrastructure (AMI) meter installed. The HI data will be processed slightly differently than the current process used to obtain 12-month 'historic usage' (HU) and 12-month '15-minute interval usage'. Hourly HI data will be available to retrieve the next business day.

-"CC&B Account Retrieval" option - This function allows the user to look-up a Choice ID using the Account ID provided by the customer or the Name, Address and Zip Code from the Customer List purchased from BGE. The Choice ID must be used when submitting a request for historic usage or interval usage.

To obtain access to this website, qualified users must complete a <u>BGE CDWeb</u> <u>Agreement</u>. BGE will assign one User ID and Password to the applicant only. If you have any questions or problems using this application, please contact the Electric Choice Program Unit for electric requests at <u>electric.supplier.relations@bge.com</u> or 410-470-6900. For gas requests, please contact the Gas Choice Program Unit at <u>gaschoiceprogramsunit@constellation.com</u> or 410-470-9598.

#### Accessing the CDWeb Application

Go to BGE's Electric Supplier Website at http://supplier.bge.com

Select the "CDWeb" Tab located at the top right corner. You may also select the CDWeb application from the Menu at the bottom of the screen.

		CDWeb DSWeb Contact Us
An Exelon Company	Energy Choice Supplier Site	Home Gas Electric Document Library
Energy BGE's Energy Suppliers with	y Gas	new and active Gas and Electricity
<b>2015 Compan</b> BGE's business following days: New Year's Day – May 25; Indep	r Updates y Holidays offices will be closed and meters will not be read on the – January 1; Martin Luther King Day – January 15; Memorial Day indence Day – July 4; Labor Day – September 7; Thanksgiving ber 26-27; Christmas Holiday – December 24 - 25	
BGE's business following days: New Year's Day – May 25; Indepe	offices will be closed and meters will not be read on the – January 1; Martin Luther King Day – January 15; Memorial Day ndence Day – July 4; Labor Day – September 7; Thanksgiving iber 26-27; Christmas Holiday – December 24 - 25	Gas Supplier

Input your "User Name" and "Password" (case sensitive) on the BGE Login screen. Click "Continue".

CDWeb DSWeb



Terms and Conditions of Use:

This computer system and all its components and contents (collectively, the "System") are intended for use by authorized users only. An authorized user of the System is one who, in the sole discretion of the Company, requires access in order to support Company business. Any System access by an unauthorized person is prohibited.

The Syste	m, including all its	components	and all its o	content, is C	ompany prop	erty and may I	be used only in connection	on with Company
business. Use	ers of this System	should hav	e no explicit	or implicit e	expectation of	privacy. Any	use of this System and a	all resources available on
this System m	nay be intercepted	, monitored,	recorded, c	opied, audi	ted, disclosed	, and inspecte	ed by the Company at any	y time.

Users of this System are prohibited from: using an unauthorized access code or password; accessing computer files that the user has no right to access; or disseminating confidential information that is derived from electronic or other sources. Unauthorized or improper use of the System may result in disciplinary action, including but not limited to, termination of employment and/or other action, including but not limited to, civil and criminal penalties.

The Company may forward to law enforcement officials evidence of unauthorized or inappropriate use of this System, including its components and its contents, as deemed necessary by the Company.

User Name:	Password:	Continue

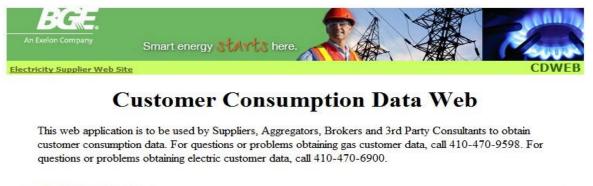
#### **Choosing Your Type of Request**

There are four options available (each will be described in detail):

- 1. Initiate Request (options on submitting your request)
- 2. Retrieve File (options on retrieving the output data)
- **3.** CC&B Account Retrieval (retrieve Choice ID by Account Number or Name, Address & Zip Code.)
- 4. Historic Interval (hourly usage for customers with a certified AMI meter)

n Exelon Company	Smart energy 😽	Arts here.	
tricity Supplier Web Sit	<u>e</u>		CDW
C	ustomer (	Consumption Da	ata Web
C	ustomer		
a service of the serv	And the second sec	pliers, Aggregators, Brokers and 3r	
customer consumpt	ion data. For questions	pliers, Aggregators, Brokers and 3r s or problems obtaining gas custome ustomer data, call 410-470-6900.	
customer consumpt	ion data. For questions	s or problems obtaining gas custome	
customer consumpt	ion data. For questions ms obtaining electric cu	s or problems obtaining gas custome	
customer consumption questions or problem	ion data. For questions ms obtaining electric cu	s or problems obtaining gas custome	er data, call 410-470-9598. For O Historic Interval
customer consumpt questions or problem — Choose Requ	ion data. For questions ms obtaining electric cu est	s or problems obtaining gas custome ustomer data, call 410-470-6900.	er data, call 410-470-9598. For

Once you select an option, a "Request Confirmation" will prompt. "Click" in the "Confirmation" box to proceed.



Initiate Request	○ Retrieve File	○ CC&B Account Retrieval	<ul> <li>Historic Interval (Hourly Interval Usage)</li> </ul>
			AMI Accounts)
Request Confi I confirm that th		ined written authorization from the B	GE Customer to retrieve their

1. <u>Initiate Request</u> - offers three Request Types: (A) Display Request; (B) Create Request; and (C) Submit Request File:

Request Type	9	
💿 Display Request	🔘 Create Request	🔘 Submit Request File

(A) <u>DISPLAY REQUEST</u> – is a snapshot of a single customer's 12-months of historical billed data or interval data (for large commercial customers with 15minute interval meters).

When selecting "Display Request", you will have two options for the "Usage Type"

#### (1) Historical or (2) Interval

We recommend selecting the "Historical" usage option first to obtain the details of the customer's account. Enter the "Account Number (Choice ID)" and click the "Submit Request" button:



### **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

	Usage Type:	<ul> <li>Interval</li> <li>(15-minute Interval Usage MV90 Accounts)</li> </ul>	(Monthly All Acc	counts)			
Account Number (Choice ID):		Start Date & Time:	<u>Month</u>		Vear V	<u>Hour</u> )( 🗸 :	<u>Min</u> 1€ ❤
Account Type:	Electric V	End Date & Time:	<b>~</b> - <b>~</b>	•] [	~	: ~ :	15 🗸

(1) <u>Historical Option</u> - provides detailed information regarding the customer's account (i.e.: Account Name, Account Address, Billing Address, Choice ID, Customer Segment, Tariff Code, Bill Group, Capacity and Transmission values for current year and previous year, etc.) If the Tariff Code denotes a number one "1" in front of the Tariff that signifies the customer is currently enrolled with a supplier.

<u>**Historical Output File Returned**</u> – (The sample below denotes the customer has an interval meter, and is currently enrolled with a supplier.) The "Customer Segment" column will provide the "Rate Class" (i.e.: "R" for residential; "G" for small commercial; or "Interval GL" for large service customers with a primary service or GLP accounts with a 15-minute interval-metered account).

recurrency supp	lier Web Site							CDWEB			
			Historic Elec A0001: Ac		a						
Account Name		Account A	ddress	Billi	ng Address			Account No (Choice ID)		storner gment	Tariff Code
									INT GL	ERVAL	167
Meter Read (From Data)	Meter Read (To Date)	Days Used	Reading Source (Actual/Estimated)	Total kWh	On-Peak kWh	Intermediate Peak kWh	Off-Pe	eak Usag (Non-	e Factor TOU)	Usage (On-P	e Facto Peak)
2015-01-22	2015-02-20	30	А	225600	56171	43270	12615	59	-		
2014-12-19	2015-01-22	35	А	262500	61993	47820	15268	37	-	-	
2014-11-19	2014-12-19	31	А	232800	59795	45719	12728	36			
2014-10-22	2014-11-19	29	А	216300	55894	43033	11737	73	-	-	
2014-10-01	2014-10-22	22	А	167303	43602	34410	89291				

(Scroll down and select "Initiate New Request" link at the bottom of the screen to return to the Home Page.)

2014-02-20	2014-03-20	29	А	209700	54364	41774	113562	-	
 [Initiate New Red	uset]								

From the "Home Page" – repeat the following steps to select your next request: Select "Initiate Request"

Click in the "Request Confirmation" box

Select "Display Request"

This time, select the "Interval" option for the "Usage Type"

(2) <u>Interval Option (15-minute interval data)</u> – is available for large service customers (primary service or GLP accounts with an interval meter). This data provides you with the customer's electric interval data on a 15-minute kWh basis for up to 45 days.

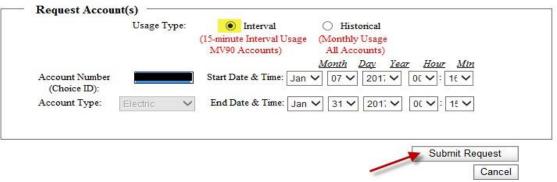
NOTE: For customers who have a certified Advanced Metering Infrastructure (AMI) meter, there is a separate process described later in the Guidelines. This process provides <u>hourly-interval data</u> and is available under the "Choose Request" option, referred to as "Historical Interval".

After selecting the "Interval" Usage Type, input the "Account Number (Choice ID)", the date parameters (no more than 45 days) and click the "Submit Request" button.



### **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.



#### **Interval Output File Returned**:



Interval Electric Data

Account Name	Account No (Choice ID)	Start Date	End Date
		2014-12-01	2014-12-05

Reading Date	Start Time	End Time	kWH	Reading Source (Actual/Estimated)
2014-12-01	0016	0030	520	A
2014-12-01	0031	0045	290	A
2014-12-01	0046	0100	330	A
2014-12-01	0101	0115	310	A

**Note:** All 15-minute interval data begins with the 16th, 31st, and 46th minute and ends with the 30th, 45th, and 00 minute. The defaults for these intervals have been set at 00:16 for the Start Time and 00:15 for the End Time. This was done because BGE's normal billing period for interval- metered customers runs from 12:15AM to 12:15AM.

(Scroll down to the bottom of the page and select "Initiate New Request" link at the bottom of the screen to return to the Home Page.)

(B) <u>CREATE REQUEST</u> – Allows you to download an XML or CSV output file of a customer's historic or interval data. You may manually enter up to 10 accounts and you can include both historic and interval data in the same request.

From the Home Page, select "Initiate Request" Click on the "Request Confirmation" Box Select "Submit Request File"



This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Initiate Request	○ Retrieve File	O CC&B Account Retrieval	<ul> <li>Historic Interval (Hourly Interval Usage AMI Accounts)</li> </ul>
Request Confir	mation		
_		ned written authorization from the E	GE Customer to retrieve their
I confirm that the			GE Customer to retrieve their

#### **Create Request - XML Output File Option**

After selecting the "Create Request" option, you will receive the following prompt. Select the "XML" option, enter your "Email Address" and click the "Add Email" button. Your email address will populate under the "Email Address List" box.



The "Request Account(s)" box will display. Select the "Historical" option from the "Usage Type", input the "Account Number (Choice ID)", and click the "Add Account (Choice ID)" button.

	<u>art Date &amp; 1tme – Er</u>	<u>nd Date &amp; Time_Usage_A</u>	<u>cct Type Acct No (C</u>	<u>hoice ID)</u>
		(DblClick to Edi	υ	
	Usage Type:	Interval	Historical	
		(15-minute Interval Usage MV90 Accounts)	(Monthly Usage All Accounts)	
		Wiv 90 Accounts)	<u>Month Day Yea</u>	r Hour Min
Account Number (Choice ID):		Start Date & Time:	× -	00 🗸 : 16 🗸
Account Type:	Electric 🗸 🗸	End Date & Time:	× - × - ×	00 💙 : 18 🎔
			Add Account (	Choice ID)

The "Usage Account Type" and "Account No (Choice ID)" will be populated in the "Request Account(s)" box. If you would like to add multiple accounts, repeat the instructions above.

When you have finished adding your accounts, click on the "Submit Request" button.

		<u>End Date &amp; Time</u> <u>Usage Acct Type</u> <u>Acct No (Choice ID)</u> Historical Electric
		(DblClick to Edit)
	Usage Type:	<ul> <li>Interval</li> <li>Historical</li> <li>(15-minute Interval Usage MV90 Accounts)</li> <li>Month Day Year Hour Min</li> </ul>
Account Number (Choice ID):		Start Date & Time: 00 💙 : 16 🗸
Account Type:	Electric 🗸	End Date & Time:        00       15         Add Account (Choice ID)
		Submit Request

You will be provided a Reference Number for retrieving the associated output file. In addition, you will receive an email confirmation advising your data is available.

Click on the "Initiate New Request" link to return to the Home Page and retrieve your data.



After returning to the Home Page, select the "Retrieve File" option.



# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Initiate Request	Retrieve File	O CC&B Account Retrieval	<ul> <li>Historic Interval</li> </ul>
			(Hourly Interval Usage
			AMI Accounts)

Copyright © 2006, <u>Baltimore Gas and Electric</u>. All rights reserved. Last Modified: Thursday, November 17, 2016, 2:35:54 PM

"Right Click" on the "Export" link associated with the email reference number.

	Critical Control gy	Starts here.		
Supplier Web Site				
Note: recom	meases $marvon$		TUIN SUL CUL	oose 'Save Target
	o dowaload the s		Request Status	Email Address
As' f	o download the s	<i>Gle</i> , Request	10000 100	
As'f Export Link (Right Click)	o download the s	Gle, Request Date/Time	Status	

Select "Save Target As" to export your data into a folder.

	Nete	et Status Clicking on the Repo	et Link may caupe you to 4 re Right Chick on the Repo e tile.		
	Export Li (Right Ca		Request Date/Time	Request Status	EmailAddress
	Egot	50400056346 Open	02/10/2015 08 42:57 AM	Prepared	
luitiata Ne	n Bass	Open in New Tab Open in New Window Save Target As Print Target Cut Copy Copy Shortcut			
		Paste			
		Add to Favorites Send to OneNote			
		Properties			

You will receive a similar prompt which will allow you to "Save" your file to the appropriate folder.

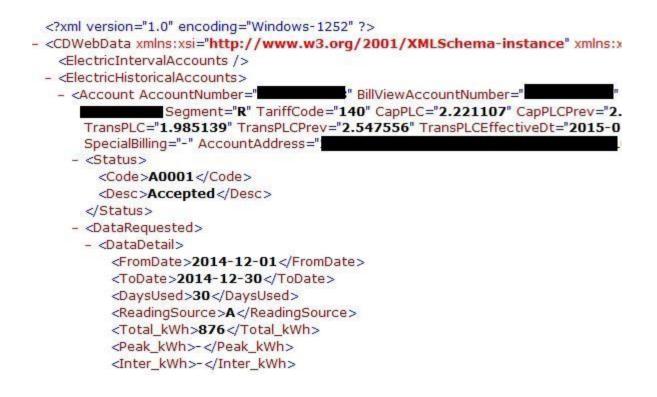
Organize 👻 Nev	folder	III - 📀
Documents	<ul> <li>Name</li> </ul>	Date n
🕹 Music	2	10/7/2
Pictures		1/27/2
JUIDE Videos	1	9/10/2
		4/4/20
Computer (EXPC	1. 	3/31/2
SDisk (C:)	= 📜 (g	3/31/2
*		3/31/2
BGEAPPS (\\E)		8/6/20
SENTAPPS (\\E)		•
File name:	CONSUMPTION_RESP_20150224_133057.xml	•
The normer	(ML Document	

You will receive the following prompt when the download is complete.

		_			1
The CONSUMPTION_RESP_20170626_145839.xml download has completed.	Open	•	Open folder	View downloads	Х

If you click on the "Open" tab, you will be able to view your data (see sample below). Or you may close the prompt by clicking the "X" in the top right corner, or click on the "Close" tab button.

Sample XML Output File:



From here you can close the spreadsheet and you will return to your list of prepared files.

		gy Starts here.		
Supplier Web S	ite			
Note: reco	king on the Expo	rt Link may cause you to e ou Right Click on the Expo e file. Request Date/Time		
Export	28586276363	02/24/2015 01:28:59 PM	Prepared	
	20677421464	02/24/2015 01:30:57 PM	Prepared	
Export				

(Select "Initiate New Request" link at the bottom of the screen to return to the Home Page).

From the Home Page, select "Initiate Request"

Click in the "Request Confirmation" box Select "Create Request"

#### **Create Request - CSV Output File Option**

— Request Type			
🔘 Display Request	🔘 Create Request	🔘 Submit Request File	

The CSV option is only intended for electric consumption requests. After selecting "Create Request", select the "CSV" option, enter your "Email Address" and click the "Add Email" button. Your email address will populate under the "Email Address List" box.



This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598<sup>(2)</sup>. For questions or problems obtaining electric customer data, call 410-470-6900<sup>(2)</sup>.

Jutput File	🔘 XML 🔘 CSV – Electric	Email Address List (DblClick to Edit)
Cype:	Only	
Email Addres	s (Type Address and Click Add)	
1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

The "Request Account(s)" box will display:

Select the "Historical" option, input the "Account number (Choice ID)" and click the "Add Account (Choice ID)" button.

<u>s</u>	<u>tart Date &amp; Time</u> <u>E</u>	<u>ind Date &amp; Time</u> <u>Usage</u>	<u>Acct Type</u>	<u>Acct No (C</u>	<u>hoice ID)</u>	_
		(DblClick to 1	Edit)			
	Usage Type:	Interval	<b>#</b> H	listorical		
		(15-minute Interval Usa				
		MV90 Accounts)		accounts)		(
Account Number (Choice ID):	-*	Start Date & Time:	<u>Month</u>	<u>Day Yea</u> 	<u>r Hour Λ</u> Ο( ♥ : 16	<i>∐in</i> ✓
Account Type:	Electric 🗸 🗸	End Date & Time:		× ×	00 🗸 : 18	~
				dd Account (	Choice ID)	
						Request

The "Usage Account Type" and "Account Number (Choice ID)" will display in the "Request Account(s)" box. If you would like to add multiple accounts, repeat the instructions above.

Click on the "Submit Request" button.

	Historical	Electric
	(DblClick to Edit)	
	MV90 Accounts) Al	Historical onthly Usage Il Accounts) nth Day Year Hour Min
Account Numbe (Choice ID):	Start Date & Time:	
Account Type:	Electric V End Date & Time: V	0C → : 1E →           Add Account (Choice ID)

You will be provided a Reference Number for retrieving the associated output file. In addition, you will receive an email confirmation advising your data is available.

Click on the "Initiate New Request" link to return to the Home Page and retrieve your data.



After returning to the Home Page, select the "Retrieve File" option.

An Exelon Company	Smart energy 🐉	tarts here.	
ctricity Supplier Web S	lite		CD
(	Customer (	Consumption Da	ata Web
••	14-5 77 1983 St 1765	opliers, Aggregators, Brokers and 3r is or problems obtaining gas custome	
		sustomer data, call 410-470-6900.	
	lems obtaining electric o		

A list of Reference numbers will appear. "<u>**Right Click**</u>" on the "Export" link associated with your "Reference Number".

-			1		
n Exelon C	Company	Smart energy	starts here.		
		5,			
ricity St	upplier Web Site				CD
		g oл the Export	Link may cause you to exi Right Click on the Export	그는 것 이가 다른 것 같은 아이지 않는다.	2 같은 이 가지 않는 것 같은 것 같
	Clickin, Note: recomm	g oл the Export	Right Click on the Export	그는 것 이가 다른 것 같은 아이지 않는다.	2 같은 이 가지 않는 것 같은 것 같
	Clickin, Note: recomm	g on the Export mended that you	Right Click on the Export	그는 것 이가 다른 것 같은 아이지 않는다.	2 같은 이 가지 않는 것 같은 것 같
	Clicking Note: recomm As ' fr	g on the Export mended that you o download the i	Right Click on the Export file, Request	Link and chu Request	oose 'Save Target

[Initiate New Request]

# Select the "Save Target As" to export your data into a folder as previously described.

ſ	- Requi	Click Mice	tatus big on the Repor	t Link may caupa you to a va Right Click on the Repo		
	Export	18		Request Date/Time	Request	Email Address
	Egot		50400056346	0210/2015 08 42 57 AM	Prepared	
ite No	er Zaza	Op Sav	en in New Tab en in New Window e Target As it Target			
			ry py Shortcut			
		Ad	d to Favorites			
		Set	d to OneNote			
		Pro	peties			

Click the "Save" Button.

	833	• @
ጵ Favorites 💻 Desktop	Name	
Desktop (2)	RE Approval from Morlon for AWR 275407_files	
Downloads Recent Places	RE Approval needed for AWR to be workedfile RE Defect 19429 for Data Repair 282664_Aiit_file	
and Recent Fibres	RE Defect 19429 for Data Repair 282664_Bell-Izz	
Nesktop	BGE 867s to Resend - Full List_ RESCOM.csv	
Libraries		
Documents		
🕨 🍶 Music		
	III	
Music     Fictures     Hereine Videos	TON_RESP_20170626_160511.CSV	

You will receive the following prompt when the download is complete.

THE CONCUMPTION DEED 20170626 145020 and Jameley Line and Line J	0	21	Arrefuller	March Lands	
The CONSUMPTION_RESP_20170626_145839.xml download has completed.	Open	•	Open folder	View downloads	

If you click on the "Open" tab, you will be able to view your data (see sample below). You may close the prompt by clicking the "X" in the top right corner or click on the "Close" tab button.

(A Sample CSV output file is shown below)

#### Create Request - CSV Output File for One Account:

EH	Code	Desc	AccountN	AccountA	BillingAdd	AccountN	Segment	TariffCode	CapPLC	CapPLCEff	CapPLCPr
EH	A0001	Accepted					R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted					R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted					R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted	-				R	140	2.221107	6/1/2015	2.519351
EH	A0001	Accepted					R	140	2.221107	6/1/2015	2.519351

#### <u>Create Request - CSV Output File with multiple accounts. Account with Interval Data</u> and one account with Historical Data combined:

(Interval data will be listed first):

EI	Code	Desc	AccountName	AccountNumber	StartDate	EndDate	RdgDate	StartTime	EndTime	Kwh	RdgSource
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	16	30	4.35	A
EI	ОК	All Data successfully			12/1/2014	1/1/2015	12/1/2014	31	45	4.05	A
EI	OK	All Data successfully	, i		12/1/2014	1/1/2015	12/1/2014	46	100	3.6	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	101	115	3.9	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	116	130	4.2	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	131	145	4.05	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	146	200	3.75	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	201	215	3.6	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	216	230	3.9	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	231	245	4.35	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	246	300	4.05	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	301	315	3.6	A
EI	OK	All Data successfully			12/1/2014	1/1/2015	12/1/2014	316	330	3.9	A
<b>F</b> 1	OK	All Data sussaidable			12/1/2014	1/1/2015	13/1/2014	224	245	4.2	

Close the file and return to the Home Page.

(C) <u>SUBMIT REQUEST FILE</u> – Allows you to download a "CSV" or "XML" output file for multiple accounts. It may include a customer's historic data, interval data, or HI data, if applicable. When requesting historical data only, a single file may include up to 250 accounts. When requesting interval data (15 - minute interval usage) or historical interval data (hourly interval usage for certified AMI meters), you may include up to 20 accounts in a single file attachment.

From the Home Page, select "Initiate Request" Click on the "Request Confirmation" box and select "Submit Request File"

In Exelon Company	Smart energy 😽	tarts here.	
tricity Supplier Web Si	<u>te</u>		CDWI
C	ustomer (	Consumption Da	ata Web
customer consump questions or proble	tion data. For question ms obtaining electric c	pliers, Aggregators, Brokers and 3r s or problems obtaining gas custome ustomer data, call 410-470-6900.	-
Choose Requ		0.000.0	o
<ul> <li>Initiate Request</li> </ul>	🔘 Retrieve File	○ CC&B Account Retrieval	<ul> <li>Historic Interval (Hourly Interval Usage AMI Accounts)</li> </ul>
	firmation		
I confirm that t data.	he Requestor has obta	ined written authorization from the E	3GE Customer to retrieve their
— Request Typ	e		

After selecting the "Submit Request File", chose an option "XML" or "CSV", enter your "Email Address" and click the "Add Email" button. Your email address will populate in the "Email Address List" box.

An Exelon Company	Smart	energy <u>starts</u> h	ere.				Sout
ctricity Supplier We	b Site						CDWE
C	ustom	er Cons	umpt	ion D	ata	Web	
Consultants gas custome customer da	to obtain cu er data, call 4 ta, call 410–	o be used by Suppl stomer consumption 110-470-9598@. F 470-6900@.	on data. Fe	or question:	s or proble	ems obtai	ning
Output File Type:	Transaction © XML <mark>@</mark>	CSV - Electric Only	En	nail Address	List (DЫCI	ick to Edit)	
Email Addre	ss (Type Addr	ess and Click Add)		•			
	Add Emai	I 🔨					

The "Submit File" prompt will display.

(At this time, you will need to create a spreadsheet to attach to your file.)

#### Instructions & Samples on how to "create the file" to attach to your "Submit Request File" option - (includes Input File Parameters - CSV or XML):

When selecting the Submit Request File option, you must create a file to attach to your request. For each attachment, we recommend you use the same account type (gas or electric). For the usage type, you may combine interval or historic in a single input file.

**Note**: When requesting historical usage, a single input file can include up to 250 accounts. When requesting 15-minute interval usage or hourly historical-interval usage, a single input file can include up to 20 accounts.

#### CSV Input File Criteria:

Choice ID Number Usage Type Options (must use capital letters) I – Interval H - Historic

Account Type Options (must use capital letters) G – Gas E – Electric Start Date (YYYY-MM-DD) Start Time (HH:MM) (Valid MM values are 16, 31, 46) End Date (YYYY-MM-DD) End Time (HH:MM) (Valid MM values are 30, 45, 00)

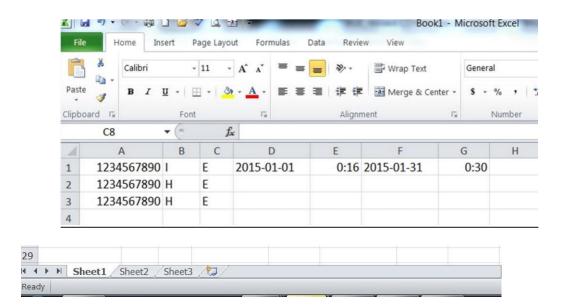
Using Microsoft Excel to create the CSV file will require the following:

Delete all multiple sheets (This is done by Right Clicking on the 'Sheet' tabs at the bottom and selecting 'Delete').

Save the input file with a CSV extension and close the CSV file in Microsoft Excel.

A pop-up message will appear asking if you want to save your changes. Click on the "Yes" button.

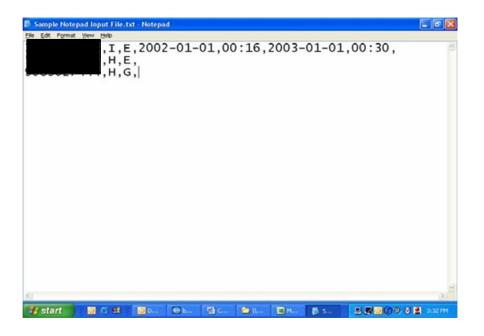
Sample - Microsoft Excel CSV Input File to attach to your request:



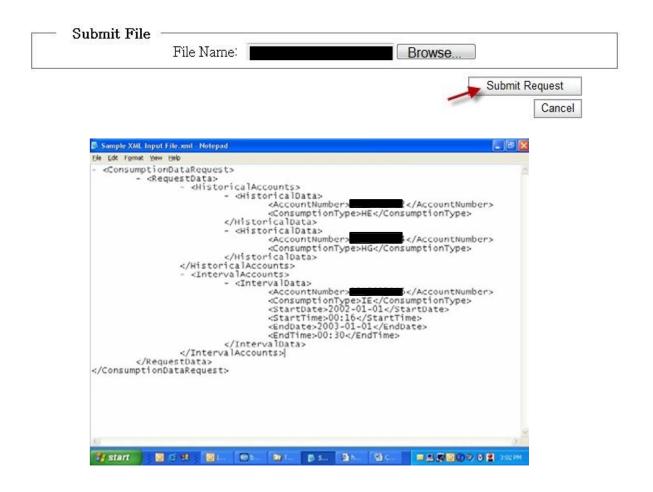
If using Microsoft Notepad or WordPad to create the CSV file, you must:

- Enter the Usage Type and Account Type data in uppercase
- Separate the data elements with a comma (no spaces)
- Hit the "Enter" key once the data has been entered
- Save the input file with a CSV extension

Sample - Microsoft Notepad CSV Input File (to attach to your request):



Sample Microsoft Notepad XML input file (to attach to your request):



(Return to the CD Web to continue with your "Submit File" process) From the "Submit File" prompt, click on the "Browse" button to attach your file (the file name will show in the "File Name" box).

Click the "Submit Request" button.

After submitting your Request, you will be provided a Reference Number for retrieving the associated output file. In addition, you will receive an email notification advising your data is available.

Click on the "Initiate New Request" link to return to the Home Page and retrieve your data.

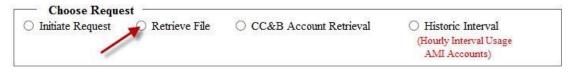


From the Home Page, click on the "Retrieve File" option.



# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.



"<u>Right Click</u>" on the "Export" Link associated with your Reference Number.

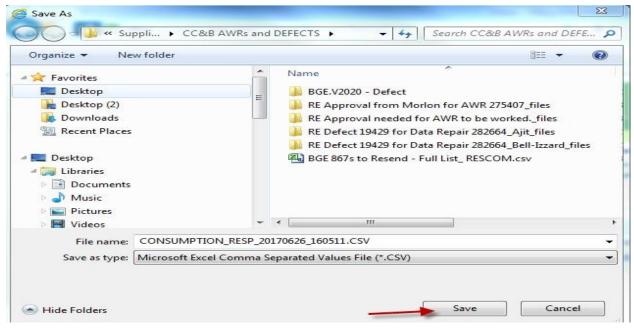


[Initiate New Request]

Select the "Save Target As" to export your data into a folder as previously described.

Requ	Click Meca	tatus ling as the Super	t Link may coupe you to e u Right Click on the Repo 156.		
Export		Reference #	Request Date/Time	Request Status	Email Address
Egot.	8 8 2 2 2 2 2 8 8	en in New Tab en in New Window er Target Ad., et Target 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02102015 08 42157 AM	Prepared	

#### Click the "Save" Button.



You will receive the following prompt when the download is complete.

The CONSUMPTION\_RESP\_20170626\_145839.xml download has completed.

Open 🔻 Open folder View downloads

If you click on the "Open" tab, you will be able to view your data (see sample below). You may close the prompt by clicking the "X" in the top right corner or click on the "Close" tab button.

Results of a Microsoft Excel CSV Output File are shown in previous examples.

Close the spreadsheet and you will return to your list of prepared files.

2. <u>Retrieve File</u> – Instructions on how to retrieve your output data is described throughout this document. Sample file formats are also included. As stated earlier, you are provided two options to download your output file: "CSV" or "XML" format.

**3.** <u>CC&B Account Retrieval</u> – This function allows the CDWeb User to look up the Choice ID when they are provided an Account ID from the customer or by using the Name, Address and Zip code from the purchased BGE Customer List. The Choice ID must be used when submitting a request for historical usage or interval usage.

- From the Home Page, select the "CCB Account Retrieval" option
- Click the "drop down" arrow next to the "Account Type" box and select "Gas" or "Electric"
- Enter the "Choice ID" or "Account ID" or Enter the "Name", "Address" and "Zip Code" exactly as they appear on the BGE Customer List.
- Click on the "Submit Request" button



# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Choose	Request	
Initiate Req	-	○ Historic Interval
		(Hourly Interval Usage
		AMI Accounts)
CC&B	Account Retrieval	
CCADA	Account Kettievai	
Note:	You must first select the 'Account Type' either Gas or E	Electric.
IN OLC.	Then enter your Choice ID, Bill Account No or Name, J	
ccount Type:	Account/Choice ID:	
ccount Type:	Account/Choice ID:	
	Account/Choice ID:	
ame:	Account/Choice ID:	
ame:	. Account/Choice ID;	
ame: ddress:	Account/Choice ID;	
ame:	Account/Choice ID:	
ame:	E Account/Choice ID:	
ame:	E Account/Choice ID:	Submit Request

Copyright © 2006, <u>Baltim ore Gas and Electric</u>. All rights reserved. Last Modified: Wednesday, February 7, 2018, 9:45:57 AM

After submitting the request, the "Account ID", "Choice ID", "Account Type", "Name", "Address" and "Zip Code" will display.

We're on it: Y Supplier Web Site					TA	
AND COST TRANSPORT			est Account Type — Choice ID found		CDWE	
Account ID	Choice ID	Account Type	Name	Address	Zip Code	
		E-RES			21737	

[Initiate New Request]

**4.** <u>Historical Interval (hourly data)</u> – Provides hourly usage for residential and nonresidential customers who have a certified Advanced Metering Infrastructure (AMI) meter installed. Historic Interval requests must be submitted by 8:00 P.M in order to retrieve the data the next business day (if submitted on a Friday, the data is available on Monday). Two options available to submit your request: "Create Request" and "Submit Request File".



### **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

) Init	iate Request	🔘 Retrieve File	O CC&B Account Retrieval	Historic Interval     (Hourly Interval Usage     AMI Accounts)
- T	Request Conf	mation		
	and the second second second second		ined written authorization from the l	3GE Customer to retrieve their
	ata.	1		

(A) <u>Create Request Option</u> - allows you to enter up to 10 Choice IDs per request. (You do not need to attach a file with this Option.)

Select your "Output File Type" (XML or CSV) and enter your "Email Address". Click the "Add Email" box.



# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

utput File Type: 🔿 XML 💿 CSV - Electric Only	Email Address List (DblClick to Edit)
Email Address (Type Address and Click Add)	
Add Email	
	Cubrit Demust
	Submit Request

Your email address will be added under the "Email Address List". Enter the "Choice ID" and click the "Add Account (Choice ID)" box:

<ul> <li>Request Trans</li> </ul>	saction Information ——	
Output File 💿 X Type:	ML   CSV - Electric  Only	Email Address List (DblClick to Edit)
Email Address (Ty	pe Address and Click Add)	
A	dd Email	
Request Residentia	& Small Commercial Accoun	t(s)
	(DblCli	ck to Edit)
Usage Type:	Residential & Small Commerc	
Account No (Choice ID)		
Account Type:	Electric	
		Add Account (Choice ID)
		Submit Request
		Cancel

Your Choice ID Number will populate in the larger box, as shown below. If entering only one Choice ID, click on the "Submit Request" box:

	Interval Electric
	(DblClick to Bdit)
Usage Type: Account No (Choice ID)	Residential & Small Commercial Interval
Account Type:	Electric
	Add Account (Choice ID)

If entering multiple Choice ID's, click in the "Account No Choice ID" box and enter the next Choice ID. Click on the "Add Account (Choice ID)" box after each account number is added. Your Choice ID Number will populate in the larger box, as shown below.

Click the "Submit Request" button.

				Interval Interval Interval	Electric Electric Electric		
		6	Db1Click to .	Edit)			
Usage Type: Account No (Choice ID)	Resider	ntial & Small Cor	nmercial Int	erval			
Account Type	e: Electric	2	_		Add Account	(Choice ID)	

You will be provided a Reference Number for retrieving the associated output file.

Click on the "Initiate New Request" link to return to the Home Page and retrieve your data.



[Initiate New Request]

From the Home Page, click on the "Retrieve File" box:



## **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

) Initiate Request 🛛 🔎 Retrieve Fil	e O CC&B Account Retrieval	<ul> <li>Historic Interval</li> </ul>
		(Hourly Interval Usage
		AMI Accounts)

Notice your Request is pending. Remember, when requesting Historical Interval data (hourly data for AMI certified meters) your data will not be available to retrieve until the next business day.

Company	Smart energ	gy starts here. 🦟		
Supplier Web S	ite			A ASHEST
		rt Link may cause you to e ou Right Click on the Expo		
As	Reference #		Request	Email Address
As	' to download the	e file. Request	Request	
As Export Link (Right Click)	' to download the Reference #	Request Date/Time	Request Status	

The next day, after signing back into the CD Website, you may retrieve your data by selecting the "Retrieve File".



# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Initiate Request	🔾 Retrieve File	O CC&B Account Retrieval	<ul> <li>Historic Interval</li> </ul>
			(Hourly Interval Usage
			AMI Accounts)

You will notice the "Request Status" changed from "Pending" to "Prepared", which allows you to retrieve your data. From here, you may export the data. (If you receive an error message, contact BGE).

"Right Click" on the "Export" Link associated with your Reference Number.

		ergy starts h			
/ Supplier Web	Sito				
– Request					
Cli	cking on the Exp			lication. It is strongly	
1.000.	commended that	you Right Click on	the Export Link and	choose 'Save Target	
40	' to download t	ha fila	•		
As.	' to download t	he file.			
	' to download t				
As Export Link (Right Click)	' to download t	he file. Request Date/Time	Request Status	Email Address	
Export Link	Reference #	Request Date/Time 02/03/2015	Request Status Technical Error,	Email Address	
Export Link		Request Date/Time	Request Status	Email Address	

[Initiate New Request]

Select the "Save Target As" to export your data into a folder as previously described.

	N. 24	feiting on the Repo	rt Link may coupe you to a ru Right Click on the Repo e file.		
	Export Link (Right Cilc)	) Reference #	Request Date/Time	Request Status	Email Address
- 10	Egot	50406056346 Open	02102015-08-42.57 AM	Prepared	cathleen.p.buchanan@bge.com
Nate New		Open in New Tab Open in New Window Save Target Ac. Print Target			
		Cuit Copy <b>Copy Shortcuit</b> Paste			
		Add to Favorites			
		Send to OneNote			
		Properties			

### CSV Output File for Hourly Interval Data:

### (Left Side of Data)

		de Desc	AccountName	AccountNumber	Segment	TariffCode	BillGroup	CapPLC	CapPLCPrev	CapPLCEffe	CapPLCPrevEffe	TransPLC
HI	OK	All Data successful	1		RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
HI	OK	All Data successful			RLH	45	19	3.909152	2.677986	6/1/2015	6/1/2014	4.95024
ш	OV	All Data successful			DIL	45	10	2 000152	2 677096	6/1/2015	6/1/2014	1 05024

llGr	CapPLC (	CapPLCPrev	) CapPLCEffe	CapPLCPrevi	TransPLC	TransPLCF	TransPLCE	TransPLCP	StartDate	EndDate	ReadDate	StartTime	EndTime	Kwh
19		2.677986		6/1/2014				1/1/2014						
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	2200	2259	3.00
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	2100	2159	6.444
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	2000	2059	4.071
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1900	1959	3.846
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1800	1859	4.095
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1700	1759	1.606
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1600	1659	2.613
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1500	1559	1.851
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1400	1459	1.546
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1300	1359	2.045
19	3.9092	2.677986	6/1/2015	6/1/2014	4.95024	2.652	1/1/2015	1/1/2014	2/2/2014	2/2/2015	2/2/2015	1200	1259	1.575
10	2 0002	2 677006	C/4 /2045	C /4 /2014	4 05034	3 (53	1/1/2015	4/4/2014	2/2/2014	3/3/2015	2/2/2015	1100	1150	4 40

(B) <u>Submit Request File</u> – allows you to attach a file, as previously described.

icity Supplier Web S	Smart energy 3101113 here		
C	Customer Consu	mption Data	Web
customer consump		obtaining gas customer dat	
· · · · · · · · · · · · · · · · · · ·	9	/	(Hourly Interval Usage AMI Accounts)
— Request Co	firmation		

Select your output file "XML" or "CSV" and enter your email address. Click the "Add Email" button:

An Exelon Company	Smart energy Starts here.	Seven
Electricity Supplier Web Site		CDWEB

# **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Request Transaction Information	
Dutput File Type: 🔿 XML 🛖 CSV - Electric Only 📃	Email Address List (DblClick to Edit)
Email Address (Type Address and Click Add)	
Add Email	
Add Email	

The following prompt will appear. Your email address will populate in the larger box to the right. Click the "Browse" button to attach your file as previously described.

	KML CSV - Electric Only	Email Address List (DblClick to Edit)
	indd Email	
Submit File —	File Name:	Browse

The file name will appear in the "File Name" box. Click the "Submit Request" button:

File Name:	Browse	
	S	ubmit Request

You will be provided a Reference for retrieving the associated output file. Click on the "Initiate New Request" link to return to the Home Page and retrieve your file.



Select the "Retrieve File" option.



### **Customer Consumption Data Web**

This web application is to be used by Suppliers, Aggregators, Brokers and 3rd Party Consultants to obtain customer consumption data. For questions or problems obtaining gas customer data, call 410-470-9598. For questions or problems obtaining electric customer data, call 410-470-6900.

Choose Request		
🔵 Initiate Request 🛛 😠 Retrieve File	O CC&B Account Retrieval	<ul> <li>Historic Interval</li> </ul>
		(Hourly Interval Usage
		AMI Accounts)

The "Request Status" is "Pending". Remember, when requesting Historical Interval data (hourly data) your data will not be available to retrieve until the next business day.

	Smart energy	gy starts here.		
Supplier Web S	<u>ite</u>			
Note: reco		rt Link may cause you to e ou Right Click on the Expo o filo		
			<b>D</b>	
Export Link (Right Click)	Reference #	Request Date/Time	Request Status	Email Address
Export Link		Request	1000	Email Address cathleen.p.buchanan@bge.com
Export Link (Right Click)	Reference #	Request Date/Time	Status	

The next day your request status will change from "Pending" to "Prepared", which allows you to retrieve the attached file submitted the day before. (If you receive an error message, contact

<sup>[</sup>Initiate New Request]

BGE). From here, you may export your data. Refer to the export instructions as previously described (samples of output data were provided).

"Right Click" on the "Export" Link associated with your Reference Number.

on Company	Smort one	rgy starts h			
	Smart ene	igy starts in		A MAN	
y Supplier Web	Site				(
Request	Marked Concerns				
				lication. It is strongly	
41000		A SAME AN A SAME AND A	the Export Link and	choose 'Save Target	
4.0	the dominional t	ha fita			
As.	' to download ti	he file.			
	.,' to download t			T	
Export Link		Request	Request	Course & Addresses	1
	' to download to Reference #		Request Status	Email Address	
Export Link	Reference #	Request Date/Time 02/03/2015	Status Technical Error,	Email Address	1
Export Link		Request Date/Time	Status	Email Address	]
Export Link	Reference #	Request Date/Time 02/03/2015	Status Technical Error,	Email Address	

[Initiate New Request]

# Select the "Save Target As" to export your data into a folder as previously described.

These guidelines should provide you with the necessary capabilities to access BGE's Customer Consumption Data Website. If you have any questions or problems using this application, please do not hesitate to contact us.