



OEB Green Button - IWG

Independent (Industry Led) Working Group for the implementation of Green Button in Ontario

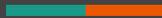
Co-Chairs: Eddie, Gary, Jeremy



IWG - Agenda for Today

- OEB Staff Greeting
- Co Chairs - Eddie, Gary, Jeremy
- Administrative (how is this going to work) – 10 minutes
- Update ITWG - Sub Working Group - Mondays - 10 min Present/ 10 min Q&A
- Update IUXWG Sub - Working Group - Mondays - 10 min Present/ 10 min Q&A
- Update IUWG Sub - Working Group - 10 min Present/ 10 min Q&A
- Review / Discuss Other Items - Inventory of Utility “My Account” (if time Permits) - 20 min

Administrative - General



- Meetings – Weekly at least till the end of March
 - When Asking Questions please state your company name
 - Meeting Etiquette
 - Best Practices - Part of the IWG
 - This Week: Sub Working Group updates and Other priority items
 - Next Week: Sub Working Group updates and Other priority items
-
- 19-½ months left



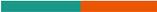
IWG Best Practices Template:

Are not policy but we may make recommendations

Recommendation:

Why?

1. X
2. Y
3. Z



IWG Best Practice #1

Recommendation: LDCs where practical should try to prevent inadvertent termination of data flows due to meter changeouts and "legitimate" account number changes (e.g. Utility merger or CIS system change).
(Originated IUXWG)

Why?

1. Disruption of data flow for 3rd party which can cause data syncing / missing data or data analysis issues
2. Can cause accidental removal of third party authorizations
3. Will cause user experience issues and possible re-authentication and re-engagement of Utility customers



IWG Best Practice #2

Recommendation: Customer experience begins at the third party's website. Then the user is redirected to the utility to authenticate and authorize (one webpage each); and finally the user is redirected to the third party's website. (Originated IUXWG)

Why?

1. X
2. Y
3. Z

Independent Technical (ITWG)

Sub - Working Group — Bill Focus (Mondays:)

- Co-Chairs Ryan / Don
- Separate Agenda / Discussion from Co-Chairs
 - Discuss / Provide Best Practices recommendations



User Experience (IUXWG)

Sub - Working Group (Mondays:)

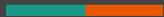
- Co-Chairs Michael / Karen
- Separate Agenda / Discussion from Co-Chairs
 - Discuss / Provide Best Practices recommendations

Independent Utility only (IUWG)

Sub - Working Group

- Co-Chairs Steve / Carrie / Warwick
- Separate Agenda / Discussion from Chair
 - Discuss / Provide Best Practices recommendations

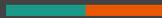
Discussions in the IWG



Other Items for Future ITWG Discussions?

“To help to define what electricity and natural distributors collect and make available in the normal course, create an inventory of electricity and distributor data that is on bills and other locations (e.g., MyAccount), what is available in the standard, and identify any gaps”

Discussions in the IWG



- Utility system work / Outage information (IWG Suggested Out of Scope)
- Weather Data for Electric Utilities (IWG Suggested Out of Scope)
- Weather Data for Natural Gas Utilities (IWG Suggested Out of Scope)
- TOU to Tiered comparisons
- Other Items - IUWG input ?



FAQ's

1

Do I need to Buy the Standard?

- If you are an Ontario Electric or Natural Gas Utility or a vendor using the standard. YES. Also see [NAESB Copyright](#)

2

Where Can I find the Ontario Regulation?

- [O. Reg. 633/21: ENERGY DATA](#)

3

Can we do Bulk Registration?

- For a single utility YES GB -related. Across utilities NO not part of the Standard or Regulation

4

Where can I find OEB staff guidance related to Green Button implementation in Ontario?

- [OEB Green Button Implementation](#)



FAQ's

5

When Do the Utilities have to have their systems Operational and Certified by GBA?

- Regulation states November 1, 2023

6

Does the ESPI (GB) standard handle Line Losses?

- Yes, there are fields for Line Losses.

7

Who needs to get Certified by the Green Button Alliance?

- All Ontario Utilities within the Regulation. Completed by November 1, 2023

8

How many options are there for Reading Quality (for the metered intervals)?

- There are 19 options and more can be proposed, if needed.



FAQ's

9

Is historical data required for former customers of a Utility?

- Utilities are not required to pass data on to previous customers even if they move within the Utility.

10

How Many times do I as a Utility need to certify?

- If they are separate platforms or tested separately you will have to pay separately (same time and using the same engine)

11

What is the cost of GBA Certification?

- DMD Cert+Test is US\$3,000.
Cert+Test is US\$3,200. The cost of DMD+CMD Cert+Cert+Test is US\$3,700.

12

What consumption data will be made available by Utilities through GB: e.g. unadjusted (metered) or adjusted (after application of Total Loss factor)?

- The Standard does hold these data sets. Each Utility is required to determine what data is available



FAQ's

1
3

Is DMD different than existing Green Button download available to customers right now?

- Legacy Ontario GB DMD was not certified by Green Button Alliance. Likely it will not be compliant. Reminder, The Ontario Government requires version 3.3 of NAESB be used.

1
4

How much time do utilities have before sending responses to a third party for the request of data?

- The IWG is setting out Best Practices. These will be worked on through industry engagement and activities through Sub Working Groups

1
5

What is involved in GBA certification testing?

- Look on the GBA website <https://www.greenbuttonalliance.org/testing> for more information. It is part of Ontario's regulation requirement.

1
6

Do I need the NAESB v3.3 ESPI Standard to take part in the IWG or sub working Groups?

- No but you may need to purchase the Standard as required by regulation, law and or copyright requirements. The IWG is not the NAESB. We need to conform with the same rules as others (as required by laws and or Regulations)



FAQ's

17

Can Vendors be GBA Certified?

- The GBA certification process is for Utilities. A Vendor to a Utility can be GBA Certified but Utilities using their products must still get certified.

18

Where can I get Best Practices for Ontario Green Button implementation?

- The IWG is setting out Best Practices. These will be worked on through industry engagement and activities through Sub Working Groups

19

When Can Utilities become GBA Certified?

- The GBA will inform the market when full Ontario GBA certification is available. Will be reflected in these FAQs

20

Do Utilities have to supply the real-time account balance?

- This is not a requirement, it is sufficient to provide the information that was on the last published bill.



FAQ's

2
1

How will market wide “Best Practices” be produced and managed?

- The IWG will provide best practices. The outcomes of these best practices will be a result of a joint effort between the IWG and the Sub-Groups.

2
2

How do we deal with Privacy and Cyber Security as a Vendor or third party?

- Your requirements are unchanged. Please refer to Government policies, regulations and guidelines.

2
3

How do we deal with Privacy and Cyber Security as a Utility ?

- The Standard is capable of managing interaction between the Utility and the Green Button User. Utilities still take on responsibilities as normally required.

2
4

For bundled charges on the bill, do Utilities have to provide this or just provide what is on the bill (summed up)?

- Breakout is not a requirement, unless the Utility provides this information today in the normal course of business. Providing the breakout in an one-off discussion with a customer, is not considered normal course of business.

IWG - Next Steps?
Evolution of the IWG



IWG

Thank you for your participation

To reach out to the Co-Chairs - Email us

