

<b>ebIX® EBG meeting</b>	 <b>European forum for energy Business Information eXchange</b>
September 29 <sup>th</sup> , 2020	<b>EBG (ebIX® Business Group)</b>

**Date:** Monday, September 28<sup>th</sup>, 2020  
**Time:** 14:00 – 16:00  
**Place:** GoToMeeting  
**Present:** Gerrit, EDSN  
 Kees, TenneT  
 Ove, Edisys  
 Stefan, Atrias  
**Appendix A:** Status for BRS review  
**Appendix B:** EBG project and survey list  
**Appendix C:** Proposals for updated definitions in HRM  
**Appendix D:** Survey: How does the billing work in different countries  
**Attachments:** None

## 1 Approval of agenda

The agenda was approved with the following additions:

- FDIS for My Energy Data, see item 14.1 under AOB.

## 2 Approval of minutes from previous meeting, September 14<sup>th</sup>

The minutes from previous meeting were approved without any comments.

## 3 Status and resolving possible matters of EBG administrative tasks

### 3.1 Status for review of BRSs by GoToMeetings, see Appendix A

Structure BRSs are mainly completed. Measure BRS is ongoing.

### 3.2 Review of EBG project and survey list in Appendix B

The BRS for Administration of Consents was updated with some clarifying text in the introduction.

#### **Actions:**

- Ove will publish the BRS for Administration of Consents. Since this only is spelling corrections and addition of clarifying text, the BRS will be published without circulation for comments to ebIX® Forum.
- Sylvia is asked to find a status for Gateway, Gateway Operator and Gateway Administrator in Germany, see Appendix B/B.1/item F).

### 3.3 Status for temporary solution where Ove maintains the Measure BRSs

Works OK, except for some problems with MagicDraw. Kees and Ove are investigating to resolve the problem. If not resolved, it may mean that we must stop our modelling activities.

## 4 Status for projects running under EBG responsibility

### 4.1 Status for ebIX® combined grid and supply billing project

The project has had its (hopefully) last meeting on September 14. The BRS from the project was sent to the project group and EBG for review until September 28<sup>th</sup> (today), before sent to ebIX® Forum for final approval.

Gerrit had commented the BRS and these comments were reviewed during the meeting:

**Action:**

- Ove will clean up the BRS for combined grid and supply billing and send it to ebIX® Forum (and EBG) for approval.

Item closed.

### 4.2 Review of EBG memo - ebIX terms and abbreviations

The Terms and abbreviations document were distributed to EBG members Thursday September 10<sup>th</sup>. The document can also be downloaded from the ebIX® File Manager.

There are no comments to the document.

**Action:**

- Ove will publish the EBG memo - ebIX terms and abbreviations at [www.ebix.org](http://www.ebix.org).

Item closed.

## 5 Status for potential new projects

### 5.1 Flex phase II project

Gerrit informed that there will be an EU meeting, arranged by Mr. Manuel Sanchez on Thursday October 1<sup>st</sup> where demand side flexibility is on the agenda.

Start of the project has been postponed until after the coming ebIX® Forum meeting in November.

### 5.2 Status for a common ebIX® and ENTSO-E project for "Area master data"

No news related to a common project.

Kees informed that CIM EG is working on making a CIM standard document for Area Characteristics. There will be a new convenor for the CIM expert group.

### 5.3 ebIX® project for "Master data for energy industry parties, such as BRPs and BSs - Master Data Parties"

The project is put on hold for the time being. The project plan can be downloaded from the ebIX® File Manager.

### 5.4 Status for IEC/WG14 work on a recast of CIM elements related to addresses, parties, etc.

Ongoing, but without any conclusion yet.

During this item, Kees informed that Alvaro from ENTSO-E is the new model manager of ESMP within WG16.

### 5.5 *Status of the EG01/EG03 EU workgroups*

Kees informed that EG01 will make one generic methodology document, which among others will include references to reference models etc. And, based on the generic methodology document, they intend making process specific “implementation acts”.

## 6 **Status for running and potential new surveys**

### 6.1 *Status for “High-level impact analyses regarding the General Data Protection Regulation (GDPR)”*

The document is available at the ebIX® File Manager.

#### **Continued action:**

- All are asked to fill in the survey.

### 6.2 *What to do with the survey “How does the billing work in different countries” from ebIX® Billing project?*

See Appendix D.

#### **Action:**

- Ove will publish the “Survey: Billing in various countries” at the EBG reports page at [www.ebix.org](http://www.ebix.org).

### 6.3 *Status for survey related to Supplier of last resort*

Ove has asked Jan at Svenska Kraftnät to fill in the survey related to Supplier of last resort and has sent a reminder to Boštjan, Teemu and Vaska. Slovenia has informed that a response is under way.

#### **Continued action:**

- All that haven’t already filled in the survey related to Supplier of last resort are asked to do so as soon as possible.

## 7 **Status for harmonised of Role Model for electricity and gas**

Nothing new.

There are some EBG Proposals for updated definitions in HRM in Appendix C –

#### **Action:**

- Ove will make draft MRs for addition of Aggregated Reception Station, Calorific Value Area and Temperature Area for gas, for the HG.
- Ove will also make draft MRs for the suggestions in Appendix C.

## 8 **CIMbion – An Engine To Facilitate Integrated Energy Markets (from DNV GL)**

See presentation at the ebIX® File Manger (CIMbion Brochure.pdf).

“ ...

Part of our innovation strategy and commitment to support our client to safeguard the environment, we have been granted a fund to develop a pre-testing tool that help TSOs/DSOs in Europe integrate BRPs, BSPs, FSPs into the different platforms used to balance the market and manage the grid based on standardized information exchange - CIM (IEC 62325).

This will help especially RES and demand side providers to provide services to the market and contribute to the security of supply leading to formation of a liberalised and harmonised European energy market.

We are ready to engage with ENTSO-e, TSOs/ESOs/DSOs, BSPs and BRPs (inc. RES, Aggregators and DSR) to develop a tool tailored to their need, supporting ENTSO-e to realise the EU vision.

We are currently consulting with customers (mainly SOs) to learn more about their needs and how CIMbion can support their operation.

I would really appreciate if we can share the brochure with ebIX®. They could be one of our key stakeholders and it is important to consult with them or maybe they might be interested in joining the design sprint process we are following to develop the tool ...”

**Action:**

- All are asked to come up with proposal(s) for what to do with the CIMbion request (ask DNV GL for a meeting to discuss the CIMbion, ignore the request or something else).

## 9 General changes/updates to Structure BRs

Postponed until next meeting.

## 10 Status for update of BRs to be sent to EBG and ebIX® Forum for approval

Ove had sent the BRs below to both EBG and ebIX® Forum on September 18<sup>th</sup>, for commenting for 4 weeks, before publication at the ebIX® web site:

- Alignment of AP characteristics;
- Alignment of characteristics of a Customer at an AP;
- Alignment of Metering Configuration Characteristics;
- Change of supplier;
- Manage APs.

Item closed.

## 11 Decide the next Measure BR to review

The item was postponed.

## 12 If more time, continue review of BR for Measure validated measured data

The item was postponed.

## 13 Meeting schedule

Corona GoToMeetings:

- Every Monday from 14:00 to 15:30 until December 21<sup>st</sup>, 2020.

Normal scheduled face-to-face meetings:

- No face-to-face meeting planned. However, the next physical meeting is expected to be at:

PSE S.A.  
Warszawska 165 street  
05-520 Konstancin-Jeziorna  
Poland

## 14 AOB

### 14.1 FDIS for My Energy Data

From Jan (SE):

IEC 62325-451-10 is now out as FDIS (Final Draft International Standard). This future international standard, called “My Energy Data”, is supposed to cover parts of what is the processes after what is described in the BRS for Measure validated measured data, e.g. the distribution of validated data to consented parties.

The voting of this FDIS (by the national IEC TC57 committees) will end in a month from now (mid-October). And after that we can expect the international standard to be published by the end of this year.

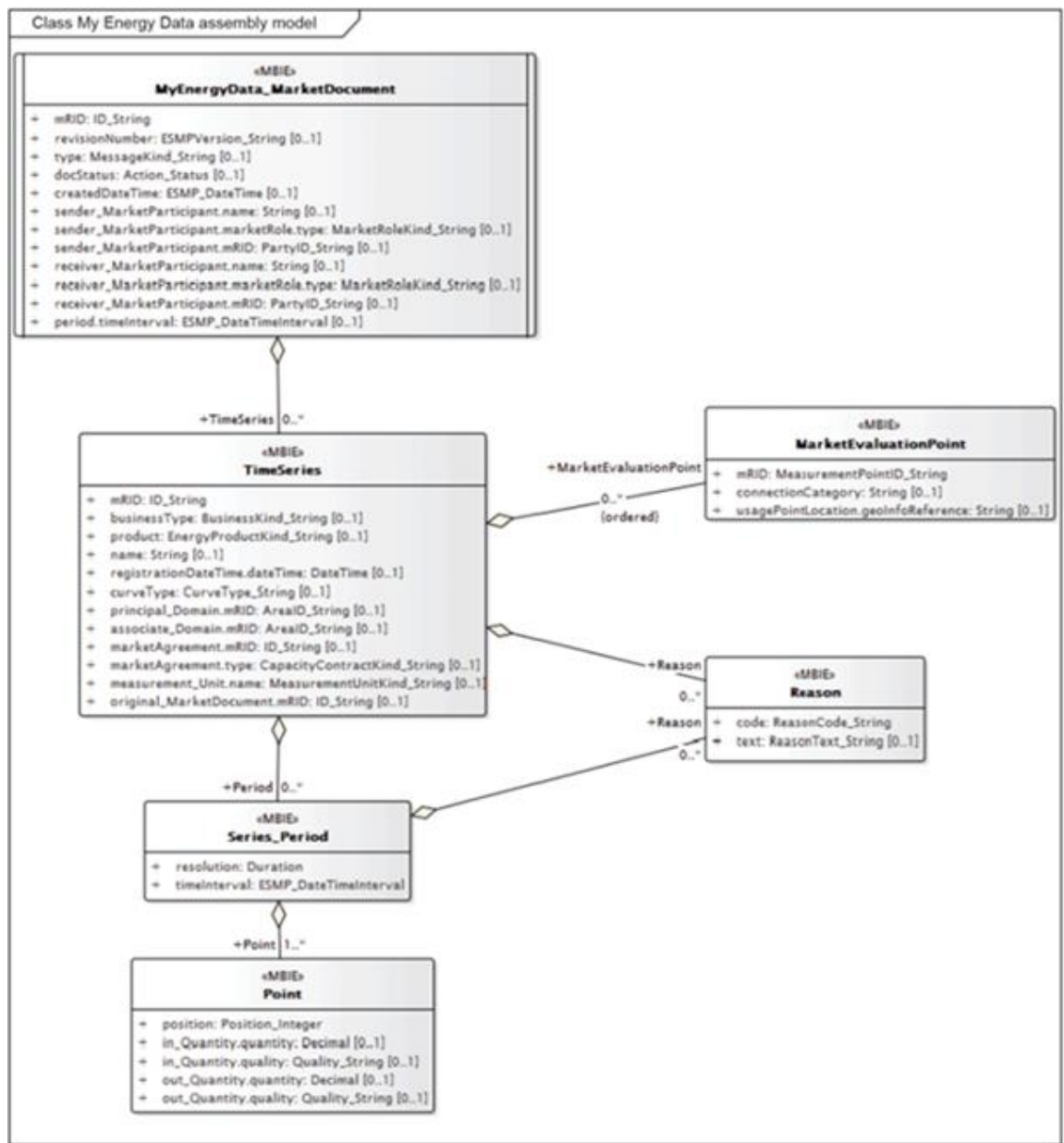
I don't think we in Sweden will implement this version of the standard, but rather wait until CIM covers more of our needs. Perhaps when commenting the FDIS we (that are members of national IEC TC57 groups) can suggest improvements for a future edition of the standard. I will myself compare (once again) the picture here (see below) with the current (suggested) content of what the Swedish datahub will send to ESCOs. And if I find things missing not already commented, I will add that to the list of Swedish comments.

Comment from Gerrit:

The model picture is indeed very weird as I read it: sending a pile of meter reads (“points” in periods) independent from a linked Meter or a linked Metering Point, but alongside with a list of Metering Points (Market evaluation points I guess).

Reply from Jan (SE)

One of the previous comments was to only provide one Metering Point (= Market Evaluation Point in CIM). But that was rejected since you as a customer may have values from more than one Metering Point that are aggregated before the aggregated values are provided – but you will be informed of which Metering Points that are included in that aggregation. One reason for aggregating the values before they are sent could be of “GDPR” reasons. Otherwise I would, as the ESCO, much rather do the aggregation myself and provide that (in different aggregated ways) to the customer. Which Metering Points that is part of an aggregation could also be seen as master data and would not – in my opinion – need to be sent in every My Energy Data-message. In Sweden we will not use the option of sending more than one Metering Point per time series.



IEC

Kees informed that EG01 slowly seems to understand that a standard like MyEnergyData will not work as long as there is no possibility for national modifications (extensions).

The information was taken ad notam.

Item closed.

**Appendix A Status for BRS review**

Structure BRSs			
#	BRS	Status	Comment
1.	Alignment of Area Characteristics	<b>20200831:</b> <ul style="list-style-type: none"> <li>Will sent for approval to ebIX® Forum after meeting 14<sup>th</sup> of September.</li> </ul>	
2.	Alignment of Metering Configuration Characteristics	<b>20200820:</b> <ul style="list-style-type: none"> <li>Version 2.0.A published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished
3.	Consented (earlier Upfront) request for Metering Point Characteristics	<b>2020629:</b> <ul style="list-style-type: none"> <li>Version 4.0.A published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished
4.	Administer Customer Consent	<b>20190911:</b> <ul style="list-style-type: none"> <li>Version 1.2.B published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
5.	Alignment of characteristics for a Customer linked to an AP	<b>20200525:</b> <ul style="list-style-type: none"> <li>Version 2.0.A published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished
6.	Alignment of Accounting Point characteristics	<b>20200525:</b> <ul style="list-style-type: none"> <li>Version 4.0.B published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished
7.	Bulk change of BRP	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
8.	Bulk change of Shipper	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
9.	Change of BRP	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
10.	Change of Metered Data Responsible	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
11.	Change of Shipper	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
12.	Change of supplier	<b>20200225:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished

Structure BRSs			
#	BRS	Status	Comment
13.	Customer move	<b>20200225:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
14.	End of Metered Data Responsible	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
15.	End of supply	<b>20190503:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
16.	Manage Accounting Points	<b>20200421:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished
17.	Rearrange MPs between grids	<b>20200225:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a></li> </ul>	Finished

Measure BRSs			
#	BRS	Status	Comment
1.	BRS for Measure Calorific Value	To be reviewed	
2.	BRS for Measure for Billing	<b>20200831:</b> <ul style="list-style-type: none"> <li>TBD</li> </ul>	
3.	BRS for Validated Data	<b>20200914:</b> <ul style="list-style-type: none"> <li>In progress</li> </ul>	
4.	BRS for Measure for Collected Data	<b>20200402:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished. <p>The BRS may be used as a template for how the Measure BRS may look like.</p> <p><b>20200608:</b></p> <ul style="list-style-type: none"> <li>“Collected Data” should be renamed to “Collected <i>Measured</i> Data”</li> </ul>
5.	BRS for Measure for Determine Meter Read	To be reviewed	



Measure BRSs			
#	BRS	Status	Comment
6.	BRS for Measure for Imbalance Settlement	To be reviewed	<b>20200615:</b> <ul style="list-style-type: none"> <li>• Include handling of MR "NMEG 2020-01".</li> </ul>
7.	BRS for Measure for Labeling	<ul style="list-style-type: none"> <li>• Review started at GoToMeeting February 17<sup>th</sup>;</li> </ul>	To be reviewed after summer 2020.
8.	BRS for Measure for Reconciliation	To be reviewed	
9.	BRS for Settle for Reconciliation	To be reviewed	

## Appendix B EBG project and survey list

### B.1 Potential projects

#	Project description	Priority	Start
A)	Review what attributes to send in a confirmation (e.g. all from the request, only approve/disapprove or some core attributes, such as AP)	First possible face-to-face meeting	First possible face-to-face meeting
B)	Review and propose update to the HRM, based on new procedures from ETC and EBG, ref minutes from ebIX® Forum meeting March 24 <sup>th</sup> , 2020.	After review of BRSs	TBD
C)	Efficient data alignment, including the possibility to request historical and/or future master data.	EBG must do a survey for the need of such a project	Not prioritised
D)	Discuss differentiation of data sets per Entitled Role when aligning master data (e.g. when referencing notification of AP master data in a BRS)	EBG task – will be linked to “C), Efficient data alignment” task and GDPR	To be started Q1 2021
E)	Making a BRS for alignment of Exchange Point characteristics	TBD	TBD
F)	1) Making MRs to the HG for definition for and relations between Gateway, Gateway Operator and Gateway Administrator 2) Making a BRS for Gateway related stuff.	Awaiting decision in Germany or elsewhere	TBD
G)	Making an introduction to the ebIX® BRSs, including an overview of the BRSs and a short description.	In finalising RtR	TBD

### B.2 Approved (and running) projects

#	Project	EBG members	Status	Start	End
A)	RtR, Role-to-Role (hub)	All EBG	Start October 2018	Q4 2018	Q4 2021
B)	ebIX® supplier-centric grid and supply billing project	Boštjan, Gerrit, Ove, Stefan and Torleif.	The project is finished, awaiting final approval by ebIX® Forum	Q2 2019	Q4 2020

### B.3 Surveys

#	Survey	Status

A)	Supplier of last resort	<ul style="list-style-type: none"><li>• Belgium, Netherlands, Norway and Poland have answered;</li><li>• Is still in final clarification in Germany and Slovenia;</li><li>• A request/reminder has been sent to Austria, Finland and Sweden.</li></ul>
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## Appendix C Proposals for updated definitions in HRM

### C.1 Meter Administrator

<i>Current definition:</i>	A party responsible for keeping a database of meters.
<i>Proposal for definition (EBG June 8<sup>th</sup>, 2020):</i>	A party responsible for the administration (and communication) of the metering configuration at Metering Points.

### C.2 Accounting Point

<i>Current definition:</i>	<p>A domain under balance responsibility where Energy Supplier change can take place and for which commercial business processes are defined.</p> <p><b>Additional information:</b> This is a type of Metering Point.</p>
<i>Proposal for definition (EBG October 2019):</i>	<p>The administrative entity where responsibilities (roles) are linked to parties and energy exchange is established.</p> <p><b>Additional information:</b> This is a type of Metering Point.</p>
<i>ETC review February 2020:</i>	<p><i>ETC was not in favour of the new definition (for instance the text “where responsibilities (roles) are linked” applies also for Exchange MPs) – suggest a new round in EBG.</i></p>
<i>Proposal for definition (Gerrit: June 8<sup>th</sup>, 2020 and updated Oct. 1<sup>st</sup> 2020):</i>	<p>The administrative entity <b>for the energy exchange to a customer</b>, where responsibilities (roles) <b>in the liberalised energy market</b> are linked to parties and energy exchange is established <b>and that is under balance responsibility</b>.</p> <p><b>Additional information:</b> This is a type of Metering Point.</p>

## Appendix D Survey: How does the billing work in different countries

Question	Belgium	Chechia	Denmark	Estonia	Netherlands	Norway	Poland
Is the combined billing process mandatory?	Yes.	To be agreed between Customer and Energy Supplier.	Yes.	No.	Mandatory for households.	If the Grid Company accept combined billing with one Energy Supplier, it must be offered to all.	Not mandatory. The Energy Supplier must have an agreement with the Grid Company.
Is a “subcontractor model” or a “power of attorney model” used	Subcontractor model.	Depends of agreement between Grid Company and Energy Supplier (?)	Subcontractor model.	Depends of agreement between Grid Company and Energy Supplier (?)	Subcontractor model.	Power of attorney model.	Subcontractor model.
Is one bill for both electricity and gas possible?	Yes.	No (?)	No.	No.	Yes.	No.	No.
What are the basic elements for charges?	Consumption and capacity based.	Consumption and capacity based.	Consumption, production, fixed subscriptions and capacity based.	Consumption and capacity based.	Capacity based.	Consumption and fixed fee (capacity?) based.	Consumption and capacity based.
What is the role for a datahub in the billing process?	Not yet.	Exchange hub.	The datahub acts as Billing Calculator.	Exchange hub.	The datahub acts as Billing Calculator.	None.	Not yet.
What kind of charges can be included in combined billing?	Consumption, capacity and incidental charges.		Consumption, production, capacity, fixed subscriptions and incidental charges.		Only capacity-based charges. No incidental charges.	Only consumption based and fixed charges. No incidental charges.	Only capacity- and consumption based charges. No incidental charges.
How is the invoicing from Grid Company to Energy Supplier done?	The Grid Company sends the invoice on aggregated level directly to the Energy Supplier and	The Grid Company sends the invoice on aggregated level directly to the Energy Supplier.	The Grid Company sends the invoice on aggregated level directly to the Energy Supplier.	The Grid Company sends the invoice directly to the Energy Supplier.	The Grid Company sends the invoice on aggregated level directly to the Energy Supplier.	Invoice sent on Accounting Point level.	The Grid Company sends the invoice on aggregated level with details per Accounting point

	for information via the hub.						directly to the Energy Supplier.
Who makes the contract between the Customer and the Grid Company?	For households- and SME- Customers: Implicit included in the supply contract.		Implicitly included in the supply contract.		For households- and SME- Customers: made by the Energy Supplier.	For households- and SME- Customers: Common industry contracts for connection and grid usage published on web.	If combined grid and supply billing the contract is made by the Energy Supplier, else made by the Grid Company.
Is the correction process included?	Yes.		Yes.		No need for it.	Yes.	Yes.
Can the Grid Company bill future periods?	No.		No.		No.	No.	No.
Can the Grid Company use estimated (not final) values for billing?	Yes.		No.		No.	No.	Yes.