

**Comments  
to NAESB  
Smart Grid PAP 03**

**By: Ludo Bertsch, Horizon Technologies Inc.  
(250) 592-1488; ludob@horizontec.com  
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In response to NAESB letter of October 2, 2009, please find below our comments and suggestions for the Price Use Case document.

We appreciate the opportunity to provide feedback and hope our comments are useful for moving the work along quickly.

Please feel free to contact me if you need further clarification of our comments or suggestions.

1. Document Title and Introduction

We suggest that this document should be standalone, and suggest that it needs an appropriate title and introduction, including a description of the purpose of the document. I found it a little difficult to critique without a clear idea of what was intended to be covered in the document. It would be useful to know how this document is going to be used for further work, or will all scenarios be expanded, etc..

2. *"At a high level consumers are classified into three categories – industrial, Commercial Enterprises and Residential"*

For completeness, and consistency, it may be useful to list these categories in the table as well.

3. *"Description"* column in *"Actors/Consumers"* table

It is not completely clear what *"Description"* means for the table of Actors/Consumers (e.g. for example *"Network costs"* does not really describe a *"Geographical region"*). Initially looking at the table, one would normally think the *"Description"* column was a further description of the *"Classification"* column, but that column seems to mean

something else. Perhaps a better name than “*Description*” could be used and accompanying text could explain it clearer.

### 3. Grouping, sections, subsections of tables?

Are there intended to be other tables than “*Consumer*” within the “*Actors*” section – the way this section is laid out, it looks like there are more to come . . . It might be useful to use a section and subsection scheme (e.g. 1.0, 1.1, 1.2) throughout the document.

### 4. Sampling/All/Key

Is the intent of the Use Case table intended to list **all** “*Use Cases for real-time price/product signals for consumers*” or a sampling or the key use cases? We suggest the title and text should clarify this.

Similar comments relate to the “*Enabling Technologies*” column within the “*Use Cases*” table (are smart meters listed in for demand management because they are the key technology to accomplish demand management? or to accomplish demand management through pricing? etc.). We should know not only why a particular item is listed, but also why another is not listed.

Should all Use Cases have at least one “*Enabling Technology*” and “*Actor*”? - e.g. Consumer choices and Climate Impact are missing entries in these columns.

### 5. Definition of “*Real-Time*”

We suggest that “*real-time*” as used in the Use Case table should be defined within this document, or referred to an appropriate definition elsewhere. Will there be a non “*real-time*” table?

### 6. List of Actors

It might be useful to include or reference (from another document) a list of all the available “*Actors*” from which to draw upon for the “*Actors*” column in the “*Use Cases*” table.

## 7. Scenarios

It might be useful to name the column “*Scenarios*” as “*Typical Scenarios*” or “*Example Scenarios*” in the “*Use Cases*” table.

## 8. “*Product characteristics*”

It is not completely clear what the intention is of the section called “*Product characteristics . . .*” including the statement “*Price, delivery schedule, quality . . .*” and how it connects to the other tables and sections within this document. It might be useful to expand this section and show the links to other section of this document or others.

## 9. “*Existing common standards for data communications*”

Although this information is useful, the intention of including it in this document should be expanded on. Is it intended to list all standards, or a sampling? How does that connect to other documents and how is it updated? Should it reference another document that has a comprehensive list? Is it a list of standards that are used to communicate pricing information – if so, we suggest it should be clarified.