Release Notes

# January 22 2013 Update

Remove extra spaces from various elements within ReadingType, UsagePoint and ElectricPowerUsageSummary generated by GreenButtonDataSetGenerator.xlsm.

Remove utility reference from MonthlyOnlyElectricData.xml generated file.

Remove the following outdated files:

ESPIRender\_xslt1.xslt

GBESPIRender\_xslt1.xslt

CustEUI\_ID0279.xml

CustEUI\_ID0279.zip

CustEUI\_ID1532.xml

CustEUI\_ID1532.zip

CustEUI\_ID7210.xml

CustEUI\_ID7210.zip

# January 7 2012 Update

Corrected graph/plot axes. Units now derived from ReadingType/uom and cost derived from ReadingType/currency as opposed to prior "hard-coded” values.

# December 6 2012 Updates

This is a major update to the SDK based primarily on enhancements to the ESPI models from the OpenADE Task Force Help Desk activity. These enhancements and bug fixes are currently being forwarded for update to the NAESB REQ.21 standard.

## GreenButtonDataStyleSheet.xslt

Dont emit UsageSummary if element not present.

Don't emit extra comma in reading type information if title is not present.

Corrections for block and interval durations, specify interval durations as daily, Monthly or number of secs.

Fix billing period duration calculation.

Moved consumption last period inside for each so it won’t display when not present.

Add overallConsumptionLastPeriod .

Correct use of links- no longer search for substrings to find related entries.

Removed hardcoded test reference.

fixed a couple when/otherwise clauses.

Made default units for gas presentation as Therms .

Added support for Euro.

Normalized the handling of service kind and presentation multiplier.

Fixed bug that showed up with multiple block entrys.

Added support for gas in therms and factored out power of 10 string from integer.

Remove reference to test sample xml file.

UTC/local time addition fixes. Also, various settings like UOM, titles, kind can be set in the spreadhseet.

local/dst conversion modifications.

## GreenButtonDataSetGenerator.xlsm

Incorrect computation of billing period duration. Modified to use duration directly specified in spreadsheet rather that compute Billing period end - billing period start as DST/UTC yields incorrect value.

Fix naming of all global variables.

Corrections for block and interval durations, specify interval durations as daily, Monthly or number of secs. Fix billing period duration calculation.

Forgot to reenable random data and IDs.

Allow fixed (non-random) Id / URNs(for testing).

Summing of costs in generator differed from summing costs in HTML output. Generator needs to round inteval costs. Corrected.

Last billing period start is incorrect in MonthlyOnlyElectricData.xml Add publish and update dates to spreadsheet. Allow fixed Id / URNs Summing of costs in generator differed from summing costs in HTML output. Generator needs to round inteval costs. Fix use of global variables Incorrect computation of billing period duration. Modified to use duration directly specified in spreadsheet rather that compute Billing period end - billing period start as DST/UTC yeilds incorrect value.

Allowed monthly only interval data to work.

Removed commented out legacy code. Clean up white space a little.

Adjusted EmitIntervals to allow for non first-day-of-month aligned interval blocks for Monthly blocks. Note number of days in month of start of block used.

Add overallConsumptionLastPeriod.

Added UTC/Date calculator.

Moved currency to where it is in the printed standard.

Move cost weighting information tables to separate tab.

Espi Link corrections. Schema additions. Generate files with no cost.

New ESPI Links based on OpenADE Help Desk item 58.

Fixed publish and update tags in Atom entrys which lost their current values.

Added #if for VB7 to address PtrSafe.

Updated 12MonthlyUpdates to be daily by month.

Corrected entries in the examples for table driven 12 hour and daily which had been swapped.

Updated simulation to use scaled values that can be interpreted using the Power of 10 Multiplier, as opposed, to scaled by the multiplier. The former method conflicted with the separation of scaling for presentation with the style sheet.

Added specification of ReadingType attributes.

Fixed non monthly/daily error in external data conversion.

UTC/local time addition fixes. Also, various settings like UOM, titles, kind can be set in the spreadhseet.

local/dst conversion modifications.

Corrected DST end rules in all cases.

Added variable block sizes for external data import.

added simulation month and daily block alignment. Also cosmetic cleanups.

Add TIMEZONE\_OFFSET for UTC support Correct feed <updated> to publish date instead of constant Correct xml datetime emit to pad month/day/hour/min/sec with leading zero padding as required in schema.

## Miscelaneous

Corrected last billing period start in MonthlyOnlyElectricData.xml.

Created excel tool for testing HTML.

Updated OpenESPI index and index local to use newer GB stylesheet.

Minor corrections to index and index local for paths to data files.