



The screenshot displays the 'Pricing Data Editor' and 'Billing Report' windows. The Pricing Data Editor shows configuration for VAT (7%), subscription fee (3%), and various billable items like Active Energy All, Demand Billing, and Service Charge. The Billing Report window shows a summary table and a detailed breakdown of charges.

Name	Price without allowances	VAT (7%)	subscription fee (3%)	Total
BillingPointB	2 119 890.44	16 568.99	6 395.88	2 142 855.31
BillingPointA	1 898 523.76	132 896.66	56 250.59	2 087 671.01

Name	Quantity	Rate	Charge
BillingPointB			2 142 855.31 EUR
BillingSystem2			2 096 386.44 EUR
Active Energy All	118 442.18	1.80 EUR	213 195.92 EUR
Demand Billing	118 442.18		1 883 190.52 EUR
x <= 50 000	50 000	17.00 EUR	
50 000 < x <= 75 000	25 000	16.00 EUR	
75 000 < x <= 100 000	25 000	15.00 EUR	
100 000 < x <= 200 000	18 442.18	14.00 EUR	
Non Demand	0.00 kWh	8.00 EUR	0.00 EUR
BillingSystemFix			23 504.00 EUR
Service Charge	1.00 kWh	23 504.00 EUR	23 504.00 EUR
VAT (7%)		236 689.92 EUR	7%
subscription fee (3%)		213 195.92 EUR	3%

Pricing and Billing

Creating invoices, bill verification and bill simulation, all of those features are covered by EIServer[®]'s pricing module.

This module allows creating invoices based on consumption data that is stored in EIServer[®]. The resulting invoice can be exported to third party software, but it can be stored and printed from EIServer[®] as well.

Next to using the pricing module for invoicing, it can be used for bill verification as well. Setting up the invoice that uses the actual consumption figures and then comparing it with the invoice coming from the energy supplier can reveal discrepancies and ultimately mean more savings.

A final application of the pricing module is the bill simulation. Because of the modular structure of the pricing module, it is very easy to create multiple invoices that use the same billable items but that differ in pricing or set-up. This eases the simulation and comparison of different invoices or different suppliers and clients. At the end this can mean more savings or more earnings.

Object oriented structure

The module is set up to work as a 'box of building blocks'. Each block, called a billable item in EIServer[®], defines one item that eventually can appear on the invoice. Such an object links an invoice item to the actual consumption that is derived from the data stored in EIServer[®]. This consumption data can be used as it is found in the database or it can be used as input for some calculations.

Next, the invoice structure is constituted using the building blocks we set up. The billable items are allocated a price and if necessary, subjected to one or more allowances such as for instance VAT. Creating more invoices is very user friendly and easy as our billable items can be reused over and over again.

Versioning

Because billable items, prices and even the structure of invoices can change over time and because the historic setup and prices of those items cannot always be lost, the invoice structures are versioned. As a consequence, the invoice structures are only valid for a determined period. Next to traceability, this way of working ensures operational verification of the invoice structures.

Scripting

Throughout the pricing module, scripts can be applied. These java beannshell scripts give the user extra functionality. Complicated calculations or formulas that cannot be implemented using the regular objects can be programmed using the beannshell scripting.

Another advantage of the scripting language is the fact that even the most complex tariff schemes and invoice structures can be implemented. Moreover, the scripting language allows the user to access all of the objects in EIServer[®], which makes it even handier as the billable items can then be based on more than just the consumption.

Features

- Seamlessly integrated in EIServer[®]
- Modular design allowing easy re-use of billable items
- Versioning allowing traceability and operational verification
- Full access to the EIServer[®] Data
- Extended Scripting possibilities using the JAVA based beanshell
- Designed to handle virtually all of the possible tariff schemes
- Full adapted to deal with peak and off-peak, summer and winter, etc.
- User friendly and easy-to-use userinterface



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