



**BTU Meter Billing System**

Master History Report Configuration Tools View Communication About us Exit

**BTU** Meter Billing System

# Product Objective

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- **Provide a Simple and readily customizable Energy Billing System, for a multi tenant facility.**
  - **Intuitive and Simple to Use and Configure**
  - **Targeted and Designed specifically for BTU metering**
  - **Rich Connectivity – Supports Multiple Protocols and Multiple BTU Meters**
  - **Modular Design - Easily Customized**
  - **Low Maintenance Cost – Web Enabled for Remote Diagnostics and Support**
  - **Robust and Reliable**
  - **Economical – Pricing Comparable to Competitive Products**

# L-BTU : Meeting the Needs

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- View Data Dynamically
  - Dynamic Temperature and Flow Data Tree View or Graphic View
- Role and Feature Based Security
  - Define Users – Create different users for the system
  - Administration to assign privileges and user configurations
- Various Versions based on number of Meters connected (Tag Based) –
  - Directly connected to the BTU Meters thru a Gateway
  - Through BMS software History Block
- Define Customers – Add various Tenants in a Multi-tenant Facility
  - Define Meters
    - Assign and Allocate the Meter/s to users
    - Allocate Common Area Meters
    - Allocate percentage distribution of common meters
  - Generate Various Customized Reports – Dynamic, Historical, Monthly
- Define Tariffs and Costs for metering and billing
- [About Us](#)

# L-BTU : Configuratoins..

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- Configuration is through simple Master Templates:
  - [Define Customers](#) – Master Definitions of Customers to Meters
  - [Define Units and Meters](#) – Master Definitions of Meters
  - [Add Meters](#) – Add Meters to a customer
  - [Meter Allocation](#) – Allocate Meters from Users
  - [Assign Common Area Meters](#)
  - [Define Common Area Distribution](#)
  - [Manual Entry](#) - provision to generate billing based on history
  - [Define Percentage Distribution of common meters](#)
  - [Define Cost and Tariff Multipliers](#)
  
- [User Management](#)

# L-BTU : View and Reports

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- Use the System for Information and Reporting
  - Dynamic Views
    - [Tree View History](#) – view the various meters in a tree view hierarchy
    - [Digital Meter View](#) – view the meters as digital indicators along with communication status.
  - Some [Standard Reports](#) –
    - [Customer Monthly Report](#) – Customer Specific Monthly consumption
    - [Summary Reports](#)– Facility Consumption Summary
    - [Common Area Distribution](#)– Generate Billing Summaries
    - Custom Reports can be added seamlessly into the system based on Client Specific Requirements

# L-BTU : Some Advantages

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- ❑ Works with Standard Windows OS
- ❑ No Specialized Database Licenses
- ❑ Easily “Customizable” to Meet specific needs
- ❑ Provides a Wide variety of Reports
- ❑ Tag based Versions (Versions based on No. of Meters connected to the system)
- ❑ Simple to Use – Intuitive User Interface
- ❑ Is Robust and Reliable – Proven Track Record
- ❑ Locally Supported for Customization, Maintenance and Upgrades
- ❑ Unlimited Email and Telephonic Support
- ❑ One Year of Free Upgrades / Updates

# Customer Base – Partial List..

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Most of our Customers use this Software as an integral part of the their Building Management Systems, BTU Meters and Associated Solutions. Some of the key customers are :

- Siemens Building Technology – Integrated Solution
  - Oberoi Mall / Commerce – Goregaon, Mumbai
  - Seven Seas Mall – Baroda
  - Raheja Mindspace – Hyderabad
  - DLF Empero – Delhi
  - Belicia Tower – Chennai
  - Ansal Plaza – Delhi
  - GMR Hyderabad Airport – Hyderabad
  
- Johnson Controls – Integrated Solution
  - Uppal Jasola – Delhi
  
- CICC
  - Manyata Embassy Business Park – Bangalore
  - Metro Adlabs – Mumbai
  
- Voltas
  - Galleria Delhi
  
- Nelco
  - R- Mall – Ghatkopar, Mumbai

# Way Forward

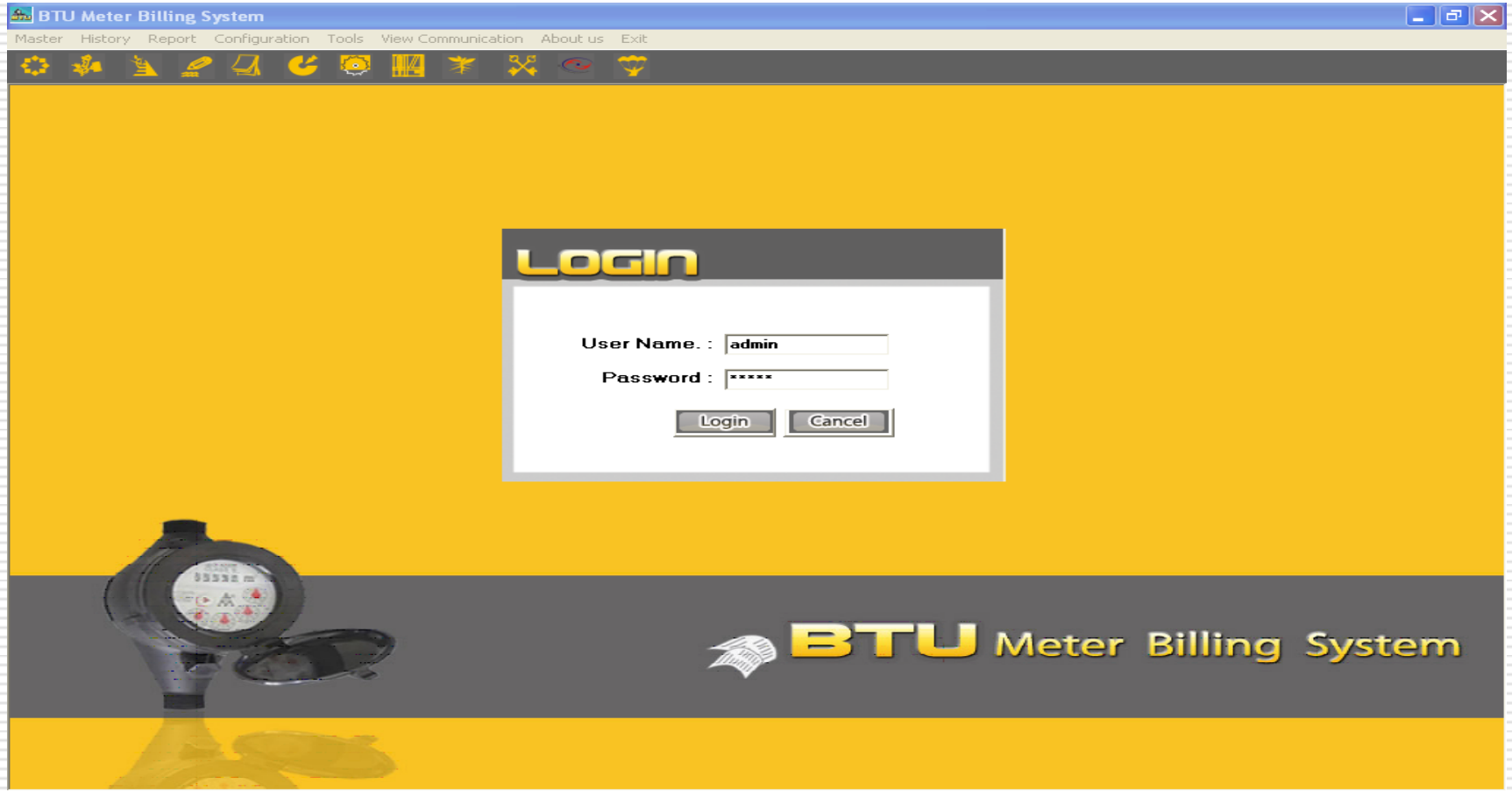
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# Lets Discuss your Requirements





# Log In



# Configure Units & Meter Master

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**Configure Units** X

No. of Units of BTU

**BTU Meter Master** X

Meter No. :

Meter Description :

Meter Type :



# Common Area Distribution

## Common Area Meter Distribution

Common Area Meter No :       Percent Balance :  %

Meter Description : BTUMeter8

60% Common Area Share to selected Customers

*Distribute*

All     
  Selected     
  None

Customer Name :

Distribution Area :  %         

Common...	Customer Name	Distribution Percent
8	ICICIVenture	20
8	Kalptaru	20
8	Jonson	20



# Customer Master

## Customer Master

Customer Name

Customer Address1

Customer Address2

Phone No

Mobile No


Email

Date Of Joining

% Area  %



# Customer Meter Allocation

**Customer Meter Allocation** 

BTU Meter No :

Meter Description : BTUMeter1

Customer Name :

Customer Address1 :

Customer Address2 :

Phone No :

% Area :  %



# Common Meter Master

**Common Meter Master** [X]

Common Meter No :

Meter Description : BTUMeter3

Customer Name :

% Area :  %

Meter No	Customer Name	Common Area Percent
3	CTS	10
3	SBI	30

Common Meter Percent (Remaining) :  %



# User Management

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**User Creation** X

User Name. :

Password :

Confirm Password :

Type of User :

**Change Password**

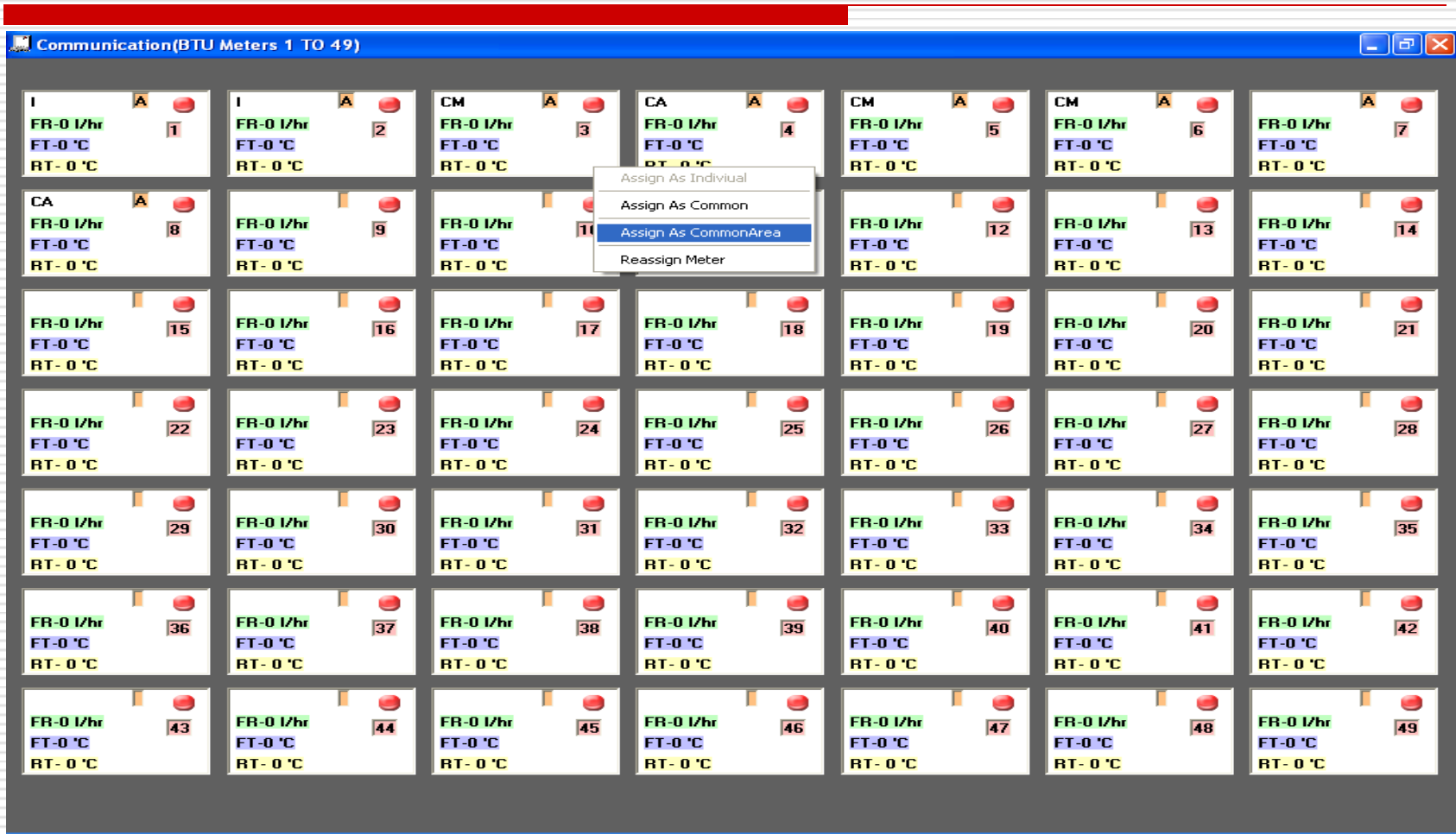
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# Assign Common Area Meter



Communication(BTU Meters 1 TO 49)

Card #	Meter Type	FR-0 I/hr	FT-0 °C	RT-0 °C
1	I	FR-0 I/hr	FT-0 °C	RT-0 °C
2	I	FR-0 I/hr	FT-0 °C	RT-0 °C
3	CM	FR-0 I/hr	FT-0 °C	RT-0 °C
4	CA	FR-0 I/hr	FT-0 °C	RT-0 °C
5	CM	FR-0 I/hr	FT-0 °C	RT-0 °C
6	CM	FR-0 I/hr	FT-0 °C	RT-0 °C
7	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
8	CA	FR-0 I/hr	FT-0 °C	RT-0 °C
9	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
10	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
11	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
12	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
13	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
14	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
15	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
16	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
17	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
18	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
19	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
20	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
21	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
22	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
23	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
24	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
25	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
26	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
27	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
28	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
29	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
30	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
31	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
32	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
33	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
34	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
35	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
36	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
37	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
38	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
39	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
40	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
41	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
42	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
43	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
44	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
45	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
46	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
47	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
48	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C
49	FR-0 I/hr	FR-0 I/hr	FT-0 °C	RT-0 °C

Context Menu for Card 4:

- Assign As Individual
- Assign As Common
- Assign As CommonArea
- Reassign Meter





# Assign Customer Meters



Communication(BTU Meters 1 TO 49)

Meter ID	Type	FR-0 l/hr	FT-0 °C	RT-0 °C
1	I	FR-0 l/hr	FT-0 °C	RT-0 °C
2	I	FR-0 l/hr	FT-0 °C	RT-0 °C
3	CM	FR-0 l/hr	FT-0 °C	RT-0 °C
4	CA	FR-0 l/hr	FT-0 °C	RT-0 °C
5	CM	FR-0 l/hr	FT-0 °C	RT-0 °C
6	CM	FR-0 l/hr	FT-0 °C	RT-0 °C
7	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
10	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
11	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
12	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
13	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
14	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
15	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
16	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
17	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
18	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
19	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
20	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
21	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
22	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
23	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
24	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
25	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
26	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
27	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
28	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
29	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
30	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
31	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
32	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
33	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
34	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
35	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
36	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
37	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
38	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
39	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
40	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
41	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
42	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
43	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
44	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
45	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
46	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
47	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
48	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C
49	FR-0 l/hr	FR-0 l/hr	FT-0 °C	RT-0 °C



# Manual Entry

**BTU Meter Billing System**

Master History Report Configuration Tools View Communication About us Exit

**Manual Entry**

From: 22/Dec/2008 To: 22/Dec/2009

MeterNo	Prev. Consumption	DateTime	Curr. Consumption	DateTime	Total Consumption
<input type="checkbox"/> 10	200	14-Dec-2009 23:59	200	14-Dec-2009 23:59	0
<input checked="" type="checkbox"/> 11	0		0		0
<input type="checkbox"/> 12	0		0		0
<input type="checkbox"/> 13	0		0		0
<input type="checkbox"/> 14	0		0		0
<input type="checkbox"/> 15	0		0		0
<input type="checkbox"/> 16	0		0		0
<input type="checkbox"/> 17	0		0		0
<input type="checkbox"/> 18	0		0		0
<input type="checkbox"/> 19	0		0		0
<input type="checkbox"/> 20	0		0		0
<input type="checkbox"/> 21	0		0		0
<input type="checkbox"/> 22	0		0		0
<input type="checkbox"/> 23	0		0		0
<input type="checkbox"/> 24	0		0		0
<input type="checkbox"/> 25	0		0		0
<input type="checkbox"/> 26	0		0		0
<input type="checkbox"/> 27	0		0		0
<input type="checkbox"/> 28	0		0		0
<input type="checkbox"/> 29	0		0		0
<input type="checkbox"/> 30	0		0		0
<input type="checkbox"/> 31	0		0		0
<input type="checkbox"/> 32	0		0		0
<input type="checkbox"/> 33	0		0		0
<input type="checkbox"/> 34	0		0		0
<input type="checkbox"/> 35	0		0		0
<input type="checkbox"/> 36	0		0		0
<input type="checkbox"/> 37	0		0		0
<input type="checkbox"/> 38	0		0		0
<input type="checkbox"/> 39	0		0		0
<input type="checkbox"/> 40	0		0		0

Prev. Units Consumed :

Curr. Units Consumed :

MeterNo	Prev. Consumption	Curr. Consumption	Total Consumption
11	100	200	100



# Tree View - History

BTU Meter Billing System

Master History Report Configuration Tools View Communication About us Exit

BTUMeter History

From : 01/Oct/2009 To : 30/Oct/2009

Report Purge

Meter No	Date1	Flow Temp	RET Temp	FlowRate	KWH
1	12-Oct-2009 10:57 AM	7	8	13	51
1	12-Oct-2009 10:58 AM	7	8	13	67
1	12-Oct-2009 10:59 AM	7	8	13	34
1	12-Oct-2009 11:00 AM	7	8	13	233
1	12-Oct-2009 11:01 AM	7	8	13	51
1	12-Oct-2009 11:02 AM	7	8	13	344
1	12-Oct-2009 11:03 AM	7	8	13	51
1	12-Oct-2009 11:04 AM	7	8	13	542
1	12-Oct-2009 11:05 AM	7	8	13	51
1	12-Oct-2009 11:06 AM	7	8	13	345

Meter Numbers

- 1 BTUMeter1
- 2 BTUMeter2
- 3 BTUMeter3
- 4 BTUMeter4
- 5 BTUMeter5
- 6 BTUMeter6
- 7 BTUMeter7
- 8 BTUMeter8
- 9 BTUMeter9
- 10 BTUMeter10
- 11 BTUMeter11
- 12 BTUMeter12
- 13 BTUMeter13
- 14 BTUMeter14
- 15 BTUMeter15
- 16 BTUMeter16
- 17 BTUMeter17
- 18 BTUMeter18
- 19 BTUMeter19
- 20 BTUMeter20
- 21 BTUMeter21
- 22 BTUMeter22
- 23 BTUMeter23
- 24 BTUMeter24
- 25 BTUMeter25
- 26 BTUMeter26
- 27 BTUMeter27
- 28 BTUMeter28
- 29
- 30 BTUMeter30
- 31 BTUMeter31
- 32 BTUMeter32
- 33 BTUMeter33
- 34 BTUMeter34
- 35 BTUMeter35
- 36 BTUMeter36



# Meter View



# Select Type of Reports

**Billing Report**

**Billing Report**

From : 01/Oct/2009 To : 30/Oct/2009

Customer Report     Summary Report  
 Common Area Distribution Report

Customer Name	BTU Meter
CTS	7

Unit Rate for BTU: 2

Total Consumption: 294

Save Bill     Use Previous Bill

**Generate Report**





# Customer Report-Monthly

Customer Report

1 of 2 100% Total:1 100% 1 of 1

**DEMO VERSION**

**Logistics Systems & Software Services India Pvt.Ltd (DEMO VERSION)**  
 B/ 136,Solaris-I,Sakivihar Road,opposite L&T Gate No.6,Andheri(E),Powai-400072

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**From :** 01 Oct 2009 **To :** 30 Oct 2009

**Name :** CTS **Address :** Chennai

**Shop No :**

Meter No	Opening Reading	Closing Reading	Meter Consumption	Unit Rate	Amount
			G	H	I = G * H
7	51.00	345.00	294.00	2.00	588.00 Rs
<b>Total</b>					<b>588.00 Rs</b>

**Common Area Meter Amount (CA) :** 29.40 Rs

**Total Amount Payable (I+ CA) :** 617.40 INR



# Summary Report

DEMO VERSION

## Summary Report (DEMO VERSION)

From : 01 Oct 2009

To : 30 Oct 2009

Meter No	Customer Name	Opening Reading (KWH)	Closing Reading (KWH)	BTU Consumed (KWH)	Unit Rate	Amount
<b>Common Area</b>						
<u>3</u>	<u>BTU meter3</u>					
		28.05	189.75	161.70	2.00	323.40
				161.70		323.40
<u>5</u>	<u>BTU meter5</u>					
		25.50	172.50	147.00	2.00	294.00
				147.00		294.00
<u>6</u>	<u>BTU meter6</u>					
		51.00	345.00	294.00	2.00	588.00
				294.00		588.00
<u>8</u>	<u>BTU meter8</u>					
		0.00	0.00	0.00	2.00	0.00
				0.00		0.00
			<b>Total :</b>	<b>602.70</b>		<b>1,205.40</b>
<b>Customers</b>						
<u>1</u>	<u>BTU meter1</u>					
	Johnson	51.00	345.00	294.00	2.00	588.00
				294.00		588.00
<u>2</u>	<u>BTU meter2</u>					
	SBI	51.00	345.00	294.00	2.00	588.00
				294.00		588.00
<u>3</u>	<u>BTU meter3</u>					
	Honeywell	12.75	86.25	73.50	2.00	147.00
	Cognizant	5.10	34.50	29.40	2.00	58.80
	ICICI	5.10	34.50	29.40	2.00	58.80
				132.30		264.60





# Customer Common Area Report

Customer Report

2 of 2 | 100% | Total:1 100% 1 of 1

**DEMO VERSION**

**Logistics Systems & Software Services India Pvt.Ltd (DEMO VERSION)**  
 B/ 136,Solaris -I, Sakivihar Road,oppo site L&T Gate No.6,Andheri(E),Powai-400072

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From : 22 Dec 2008 To : 22 Dec 2009  
 Name : CTS Address : Chennai  
 Shop No :

Common Area Distribution									
Meter No	Description	Customer Name	% of Mall Area	Opening Reading	Closing Reading	Consumption	Distribution %	Unit Rate	Amount
6	BTU meter6								
	CTS Share at 5.00% Mall Area wrt 100.00% Distribution		5.00	2.55	17.25	14.70	ALL	2.00	29.40
	CommonArea Distribution-100.00 %		0.00	51.00	345.00	294.00		2.00	588.00
	<b>Total Consumption</b>		0.00	51.00	345.00	294.00		2.00	588.00
									29.40
								<b>Total</b>	<b>29.40</b>



# About Us

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## **BTU**

### **Meter Billing System**

L - BTUMBUS

Developed by  
*Laurus Software Technologies Pvt. Ltd.*



We Integrate & Interface Business

<p><b>Address:</b> B-136, Solaris-1, 1st floor, Opp. L &amp; T Gate, No: 6, Saki - Vihar Road, Powai, Andheri (E), Mumbai - 400 072. Ph: 91-22 - 40154004 / 1331 Cell: 98213 28435.</p>	<p><b>Website:</b> <a href="http://www.laurasoft.com">http://www.laurasoft.com</a></p> <p><b>Email id:</b> <a href="mailto:business@laurasoft.com">business@laurasoft.com</a></p>
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