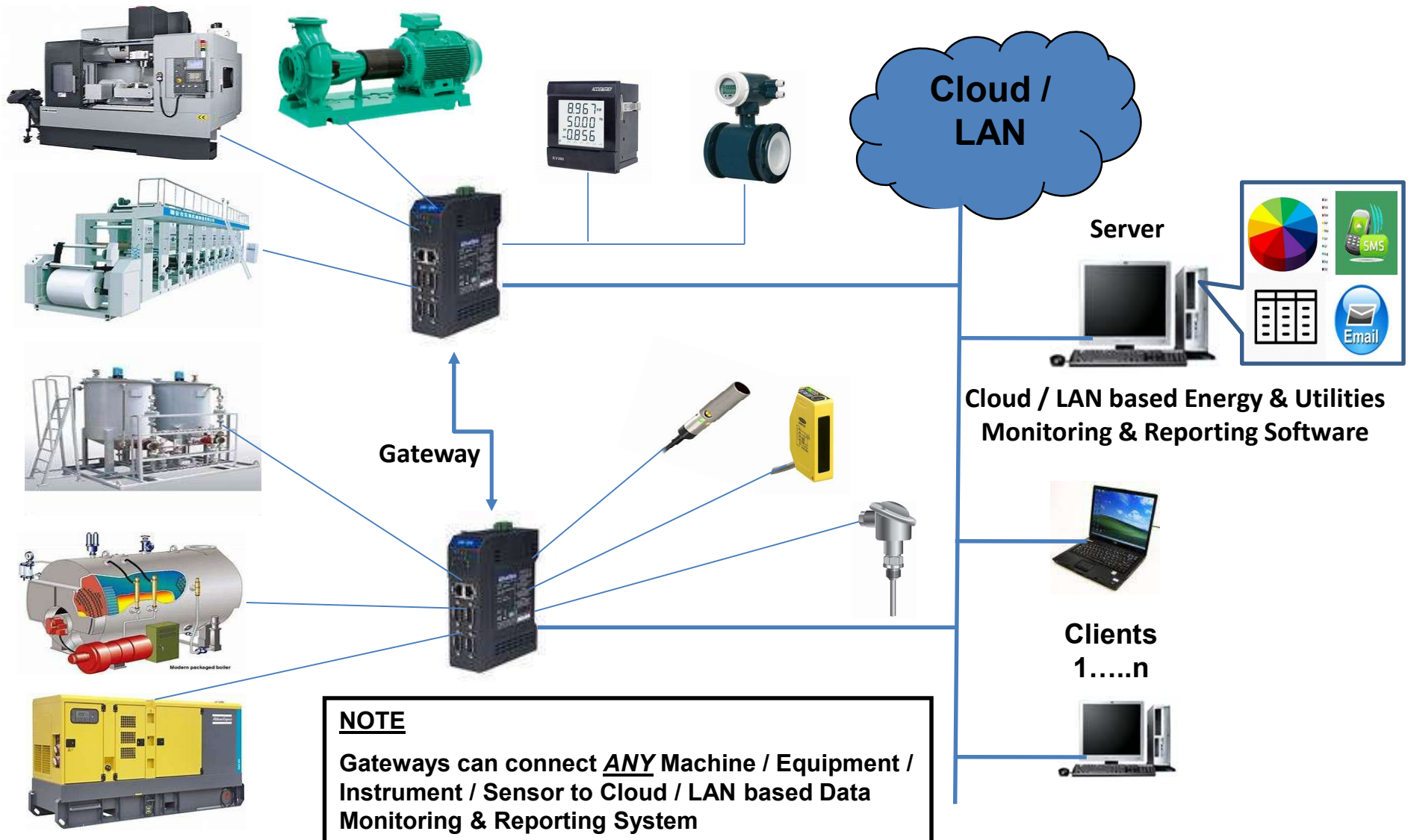
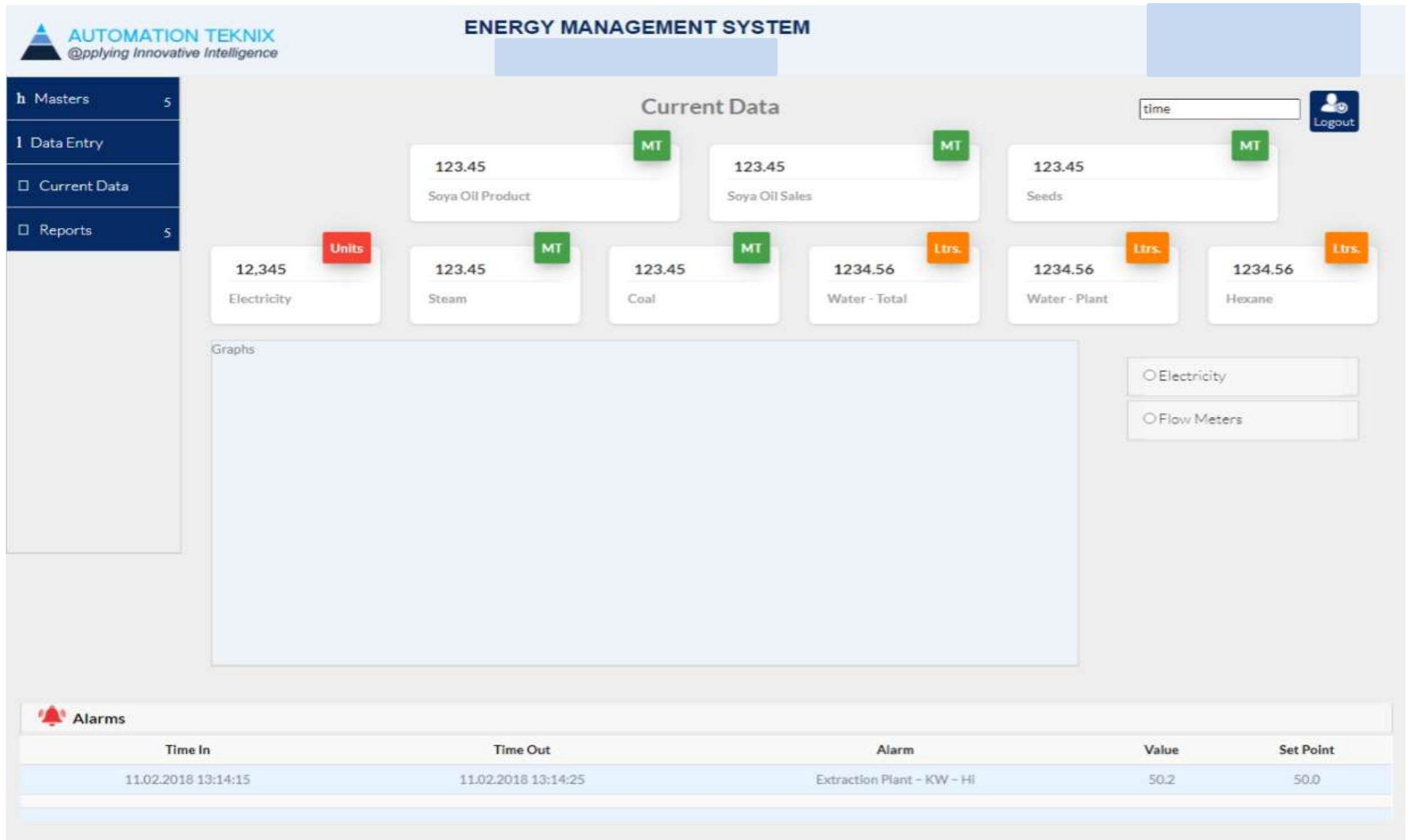


Energies & Utilities Management System [EMS]



TYPICAL SCHEME





localhost/EMS 19-06-14/PVData.aspx

AUTOMATION TEKNIX
Tel/Fax: +91 20 25388761 / 63
WEB : www.automationteknix.com
E-Mail : automationteknix@vsnl.net

Energy Management System

[PV data](#) [Configuration](#) [Reporting System](#) [Trends](#) [Consumption](#) [Registration](#) [List of meters](#) [Logout](#)

Alarm!!!

SMS_INSERT 92:Utility_Pannel_5.4_Coro
Type :
low Status : **Active** Voltage
Time In : 6/18/2014 2:08:41 PM
Time Out :

2:1.2LT_RM_Core
SM_Rock_Tool Barrel_LHS_PDB
Type :
high Status : **Active** Power Factor
Time In : 6/18/2014 2:06:14 PM
Time Out :

Utility 221:CP_13
Type :
high Status : **Active** kW
Time In : 6/18/2014 8:46:57 AM
Time Out :

DG 134:DG_13
Type :
high Status : **Active** Power Factor
Time In : 6/18/2014 8:46:57 AM
Time Out :

DG 133:DG_11

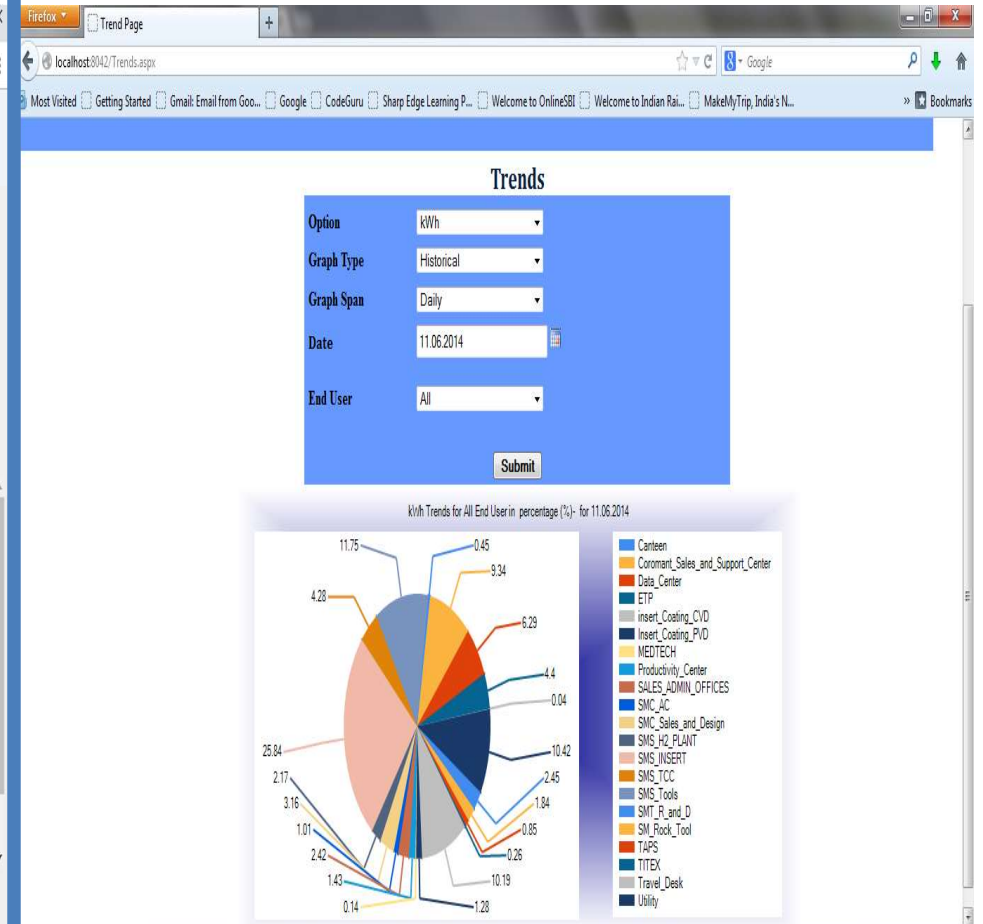
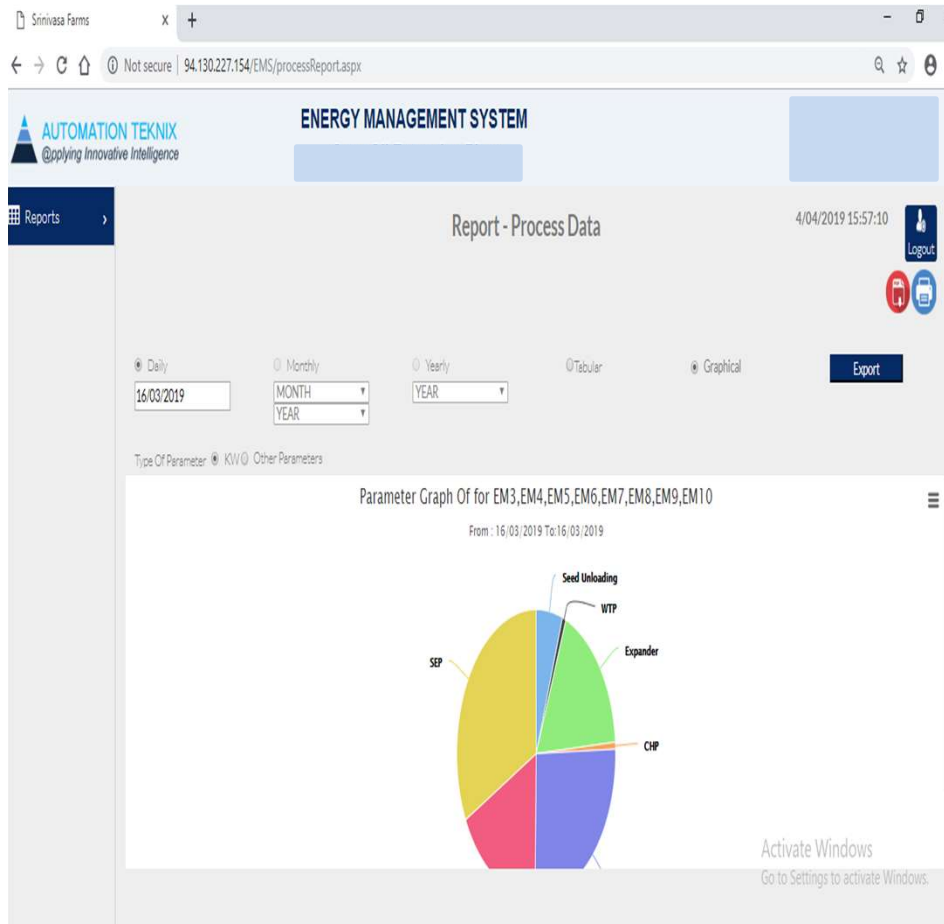
Meters	kWh	kW	Current(A)	Voltage(V)	Power Factor	Frequency(Hz)
115:SMC_AC1-1	17383.396	8.2	0	0	0	0
116:SMC_AC1-2	10293.619	0.98	0	0	0	0
146:SMC_AC2	12222.576	1.31	0	0	0	0
147:SMC_AC3.1	55385.404	51.99	0	0	0	0
148:SMC_AC3.2	13995.837	2.26	0	0	0	0

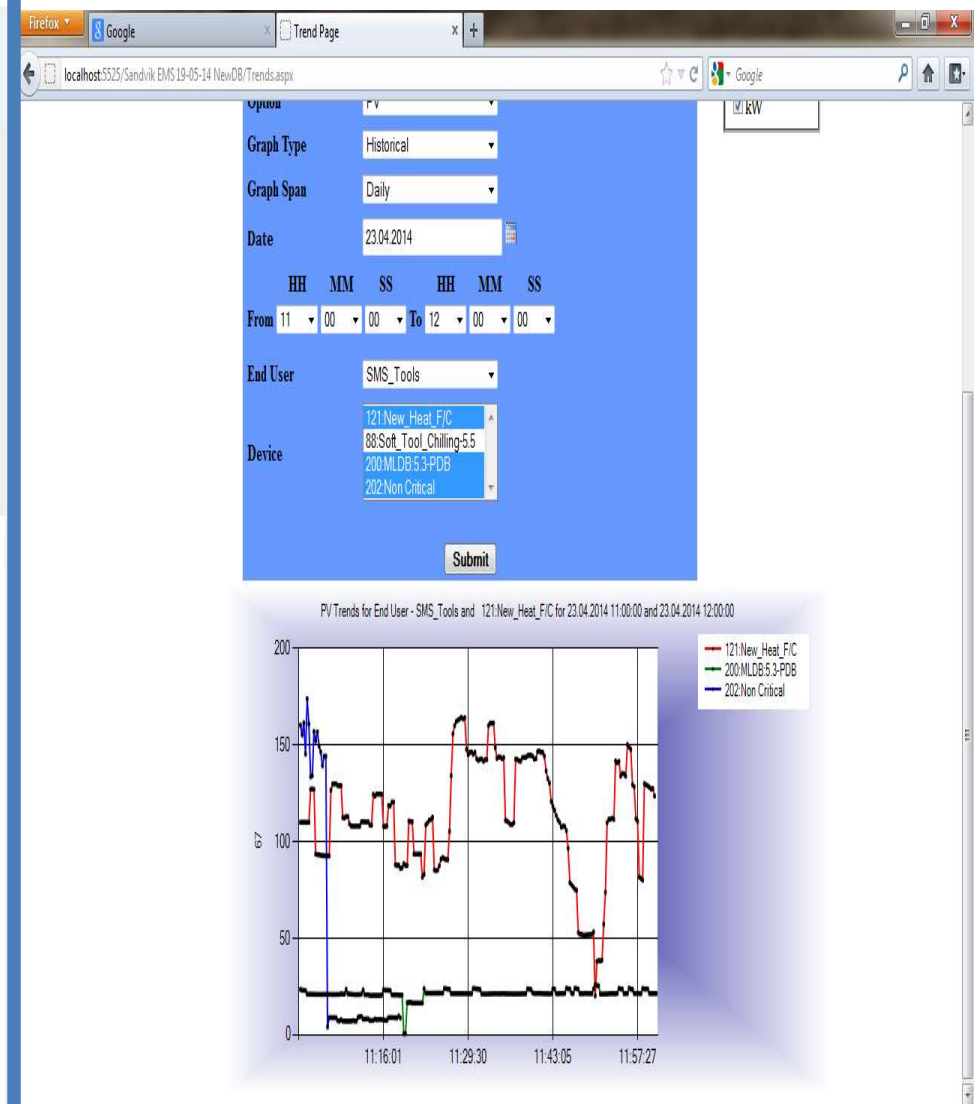
Group Selection

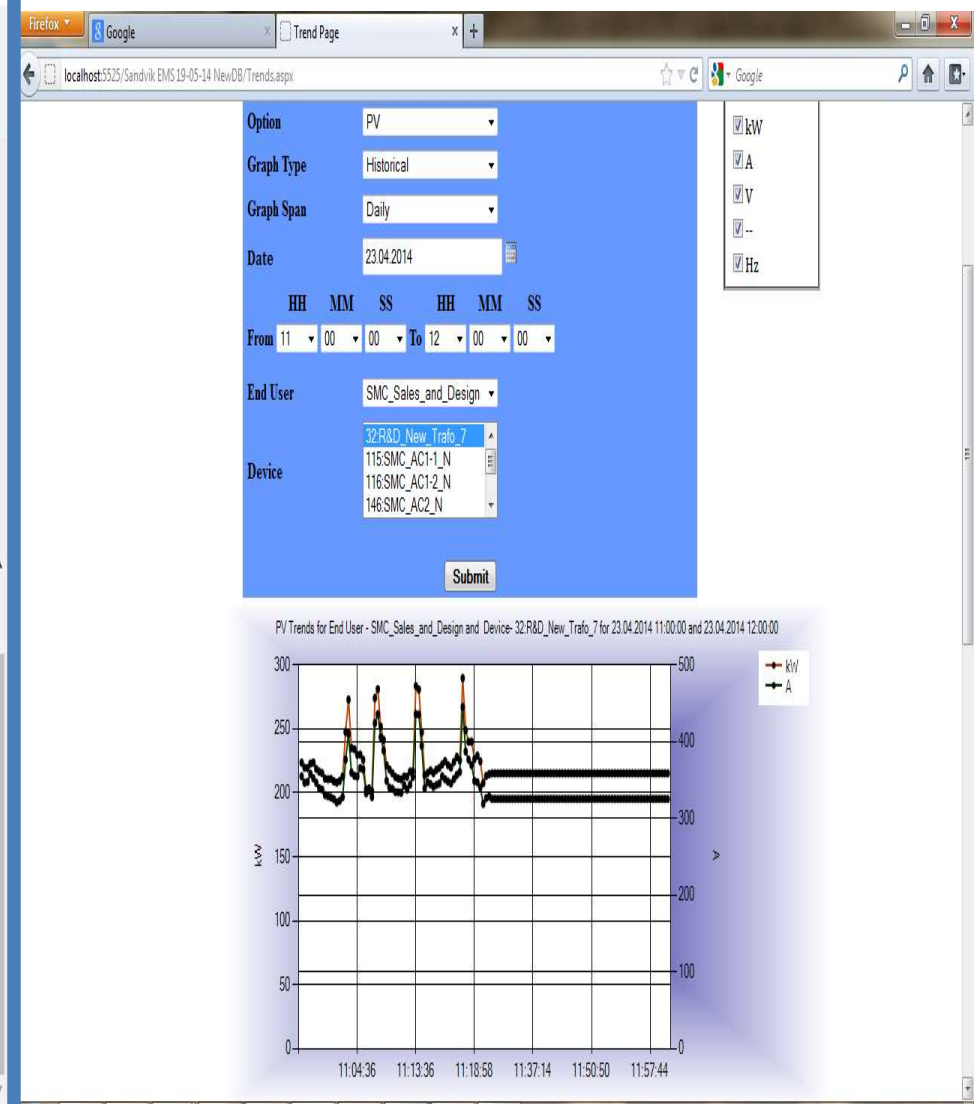
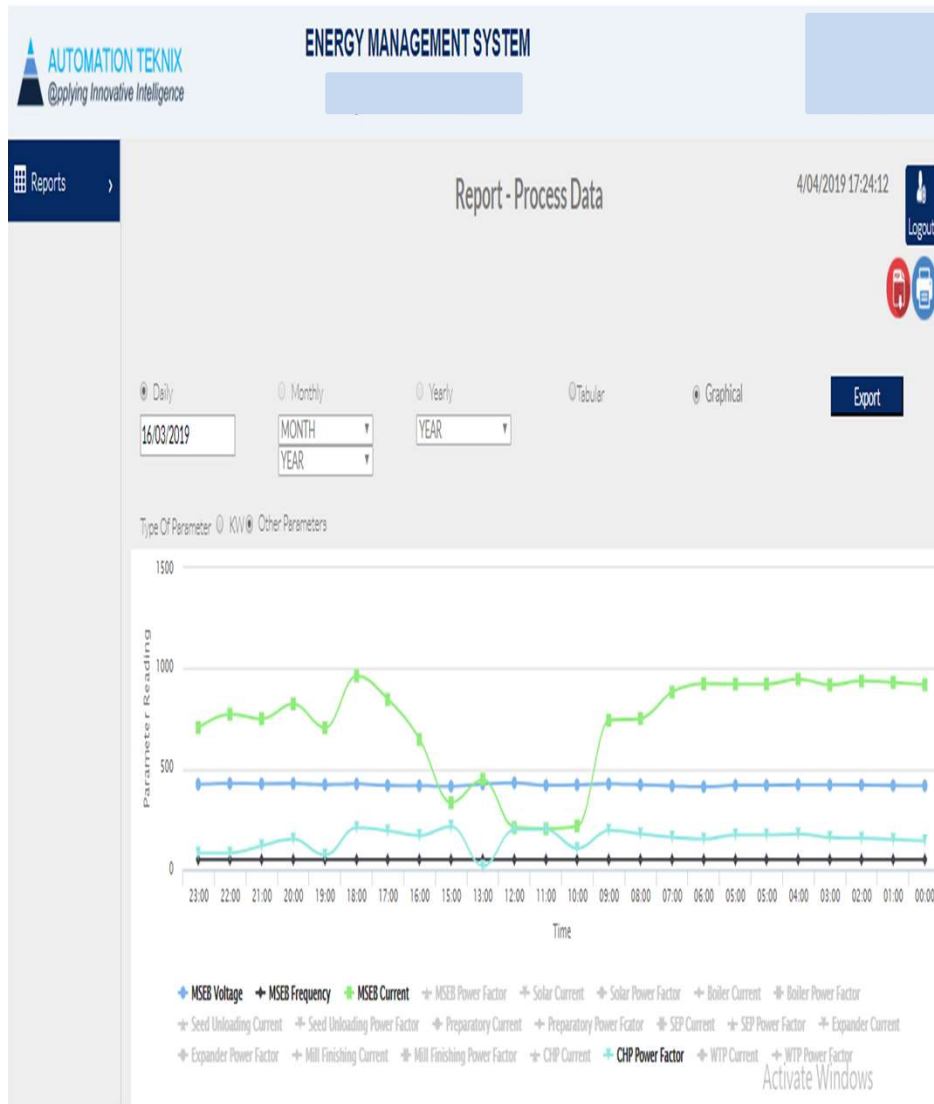
PV Data

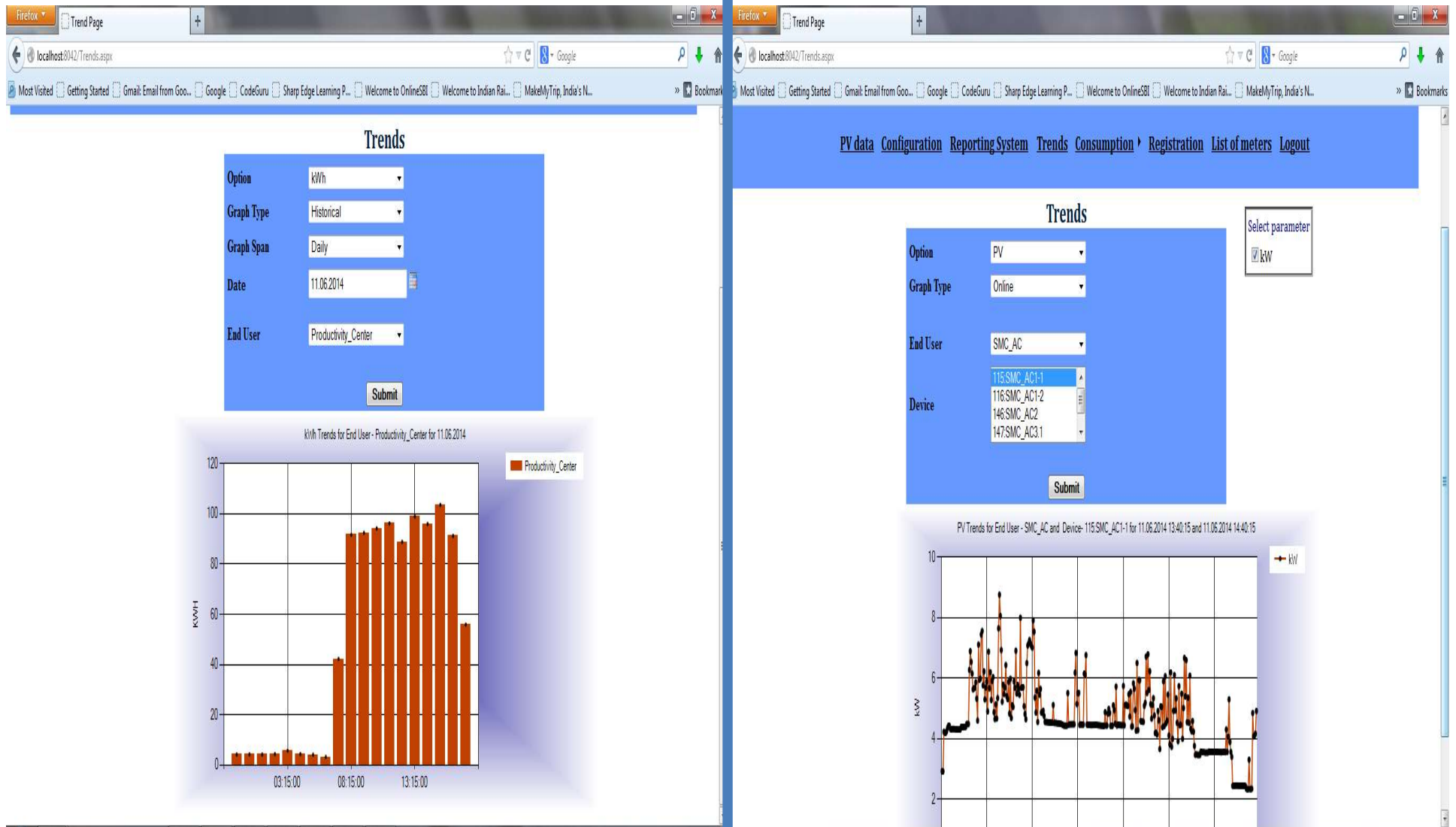
Features

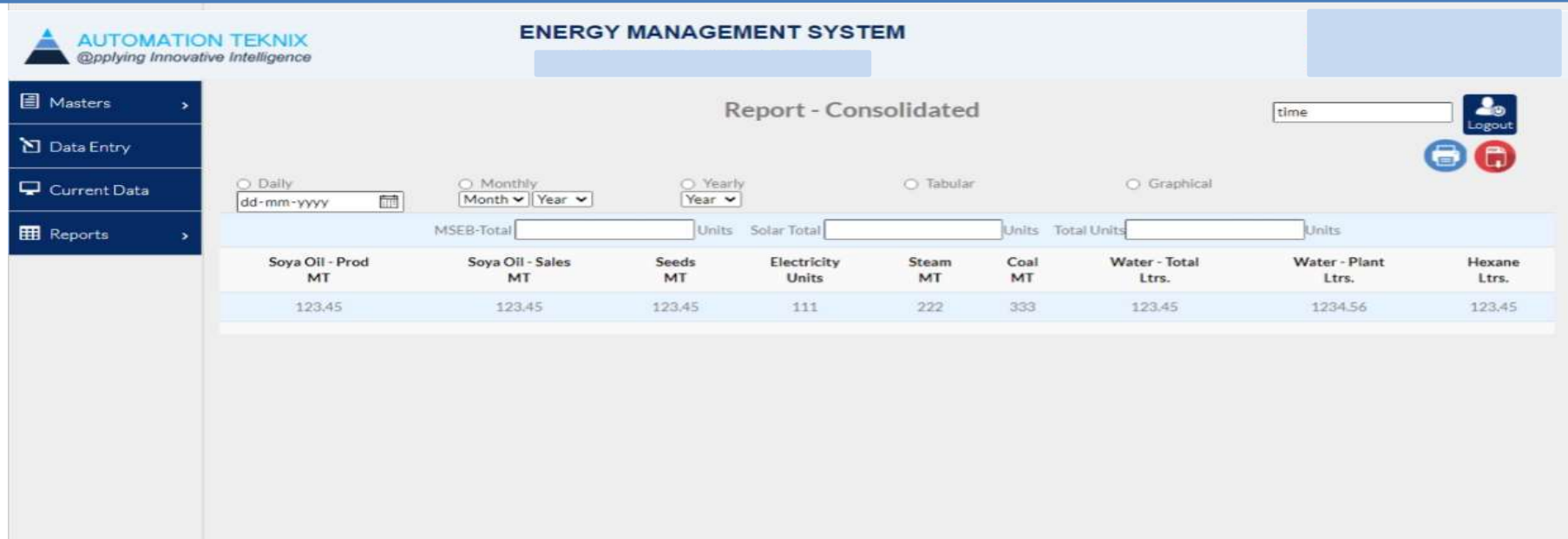
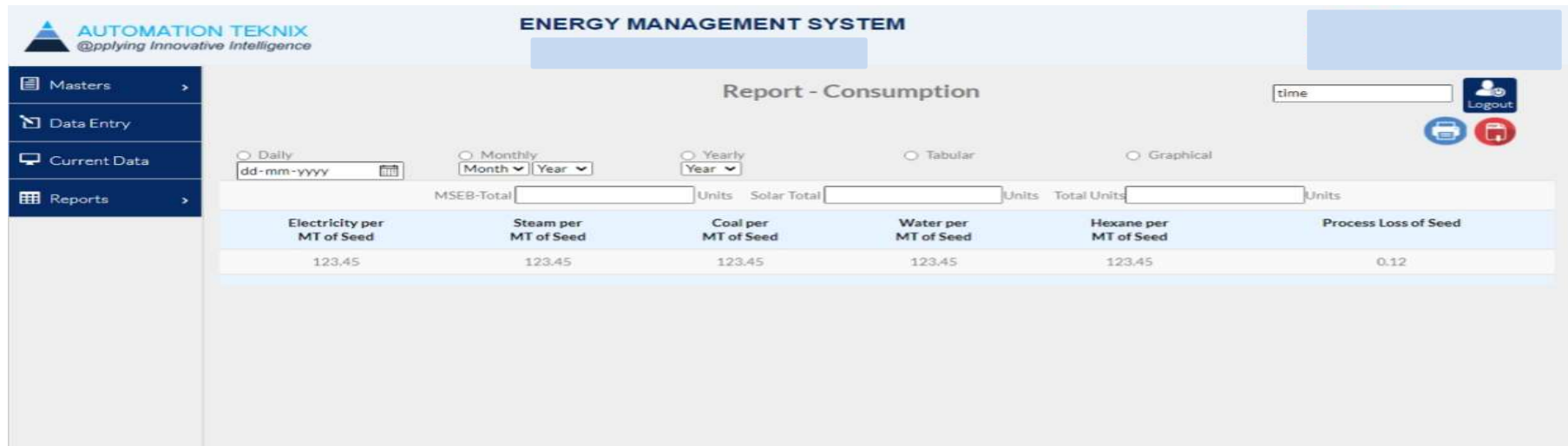
localhost/EMS 19-06-14/PVData.aspx











Report Selection

localhost:EMS 19-06-14/ReportSelection.aspx

report selection

Daily Monthly Yearly Shiftwise From To

Month: June Year: 2014

Report Type: Detailed-Total

EU: All

Generate

'Detailed-Total' Report: June 2014

Metered Consumption: 1296423.831

MSEB Consumption: 1,338,540

DG Consumption: 71,964

Utility: 149,808

Unaccounted loss: 114,080

1 of 1

Select a format Export

Date	MSEB_Consumption	Metered_Consumption	Utility	SMS_Tools	SMS_INSERT	SMS_H2_PLANT	SMS_TCC	SMC_A
01/06/2014	33600	33119.619	5683.356	1312.892	11771.510	355.760	664.480	539.045
02/06/2014	67200	88128.186	8907.855	12984.820	21879.386	683.704	3668.032	714.080

Report Selection

localhost:EMS 19-06-14/ReportSelection.aspx

Daily Monthly Yearly Shiftwise From To

2014

Report Type: Detailed-Total

EU: All

Generate

'Detailed-Total' Report: 2014

Metered Consumption: 1944172.377

MSEB Consumption: 2,078,880

DG Consumption: 111,278


Utility: 219,839

Unaccounted loss: 245,986

1 of 1

Select a format Export

Month	MSEB_Consumption	Metered_Consumption	Utility	SMS_Tools	SMS_INSERT	SMS_H2_PLANT	SMS_TCC	SMC_AC	SM
May	740340	647748.546	70031.229	80325.946	165758.795	15105.120	33000.816	7390.645	515
June	1338540	1296423.831	149808.238	158511.996	338479.599	22793.648	53342.120	14256.742	972
TOTAL	2078880	1944172.377	219839.465	238837.942	504238.394	37898.768	86342.936	21647.387	145



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ENERGY MANAGEMENT SYSTEM

Reports

Report - Detailed

4/04/2019 17:5:43

Logout

☒ Daily
☐ Monthly
☐ Yearly
☒ Tabular
☐ Graphical

16/03/2019

MONTH
YEAR


YEAR

Export

Time	Soya Oil-Prod (MT)	Soya Oil-sales (MT)	Seeds (MT)	Electricity Units			Steam (MT)	Hexane (LTRS)	Coal (MT)	Water-T (LTRS)	Water-B (LTRS)
				MSEB	Solar	Total					
0:00	0.00	2.31	0.00	264.00	0.00	264.00	0.00	11165.00		0.00	0.00
1:00	0.00	2.52	0.00	288.00	0.00	288.00	0.00	12318.00		0.00	0.00
2:00	0.00	2.62	0.00	288.00	0.00	288.00	0.00	12462.00		0.00	0.00
3:00	0.00	3.52	0.00	289.00	0.00	289.00	0.00	12606.00		0.00	0.00
4:00	0.00	3.60	0.00	312.00	0.00	312.00	0.00	12750.00		0.00	0.00
5:00	0.00	3.60	0.00	312.00	0.00	312.00	0.00	12894.00		0.00	0.00
6:00	0.00	3.60	0.00	312.00	0.00	312.00	0.00	13038.00		0.00	0.00
7:00	0.00	3.60	0.00	314.00	0.00	314.00	0.00	13182.00		0.00	0.00

Srinivasa Farms
+

Not secure | 94.130.227.154/EMS/processReport.aspx


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ENERGY MANAGEMENT SYSTEM

Reports

Report - Process Data

4/04/2019 15:55:14

Logout

☒ Daily
 ☐ Monthly
 ☐ Yearly
 ☒ Tabular
 ☐ Graphical

16/03/2019
 MONTH
 YEAR


Type Of Parameter ☒ KW ☐ Other Parameters

Average	316.9	0	96.25	30.03	143.71	182.19	98.43	35.34	4.44	4.09
Minimum	15.81	0.00	2.39	5.50	4.64	121.84	8.39	23.33	0.00	0.00
Maximum	500.45	0.00	120.37	42.19	190.29	121.84	161.62	44.06	38.71	12.11

Time	KW MSEB	KW Solar	KW Boiler	KW Seed Unloading	KW Preparatory	KW SEP	KW Expander	KW Mill Finishing	KW CHP	KW WTP
23:00	1328.84	0.00	440.08	110.44	104.64	622.28	188.92	118.92	4.44	21.60
22:00	1466.68	0.00	444.36	113.80	128.04	758.76	188.56	142.60	4.52	25.36
21:00	1410.24	0.00	280.28	140.76	305.48	688.84	196.48	114.00	4.52	2.44
20:00	1552.44	0.00	336.88	52.52	631.36	552.92	329.88	94.68	4.52	2.44
19:00	1440.14	0.00	270.76	111.00	140.00	611.40	115.70	110.00	4.00	2.44

Export

Activate Windows
Go to Settings to activate Windows.



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ENERGY MANAGEMENT SYSTEM

Reports

Report - Process Data

4/04/2019 17:10:16

Logout

☒ Daily
☐ Monthly
☐ Yearly
☒ Tabular
☐ Graphical

Export

16/03/2019

MONTH
YEAR

YEAR

Type Of Parameter ☐ KW ☒ Other Parameters

Average	420.39	50.01	692.06	-0.08	0	0	152.7	0.86	65.5	0.64	283.06	0.66	319.23	0.78	156.5	0.85	7
Minimum	406.23	49.82	141.26	-1.00	0.00	0.00	8.28	0.40	12.61	0.43	24.80	0.26	209.18	0.70	15.92	0.48	6
Maximum	431.80	50.21	1052.33	1.00	0.00	0.00	211.04	0.89	95.24	0.72	352.41	0.77	341.36	0.81	250.73	0.92	8

Time	Voltage Volts MSEB	Frequency HZ MSEB	Current Amp MSEB	Power- Factor MSEB	Current Amp Solar	Power- Factor Solar	Current Amp Boiler	Power- Factor Boiler	Current Amp Seed Unloading	Power- Factor Seed Unloading	Current Amp Preparatory	Power- Factor Preparatory	Current Amp SEP	Power- Factor SEP	Current Amp Expander	Power- Factor Expander	Ct An Fir
23:00	423.85	50.04	705.70	-0.99	0.00	0.00	172.71	0.87	74.10	0.51	102.01	0.35	291.45	0.73	82.23	0.78	7
22:00	428.20	50.13	772.41	-0.99	0.00	0.00	173.04	0.87	75.47	0.51	114.31	0.38	329.63	0.78	82.00	0.78	8
21:00	426.46	50.13	749.82	-0.99	0.00	0.00	114.36	0.83	85.62	0.56	234.57	0.44	309.17	0.76	118.80	0.56	7

Report Selection

localhost/EMS_19-06-14/Report Selection.aspx

Month Year

Report Type :

EU :

Generate

'Detailed-DG' Report-: June 2014

1 of 1 Select a format Export

Date	Total_DG_Consumption	SMS_Tools	SMS_INSERT	SMS_H2_PLANT	SMS_TCC	SMC_AC	SM_Rock_Tool	SMC_Sales_an
01/06/2014	5216.000	249.598	2237.921	67.635	126.327	102.480	0.000	136.860
02/06/2014	21153.000	3467.139	5842.120	182.559	979.419	190.670	2562.949	274.220
03/06/2014	8237.000	1238.617	2353.444	228.795	467.503	79.693	848.054	120.288
04/06/2014	7867.000	1167.501	2227.978	70.677	435.762	67.078	696.558	236.238
05/06/2014	8087.000	1220.770	2257.067	267.069	393.974	75.949	751.208	179.600
06/06/2014	4295.000	625.246	1265.067	134.455	292.983	36.440	296.753	103.914
07/06/2014	561.000	82.729	176.562	22.184	38.857	0.000	40.374	0.000
08/06/2014	3.000	0.157	1.136	0.023	0.009	0.000	0.249	0.000
09/06/2014	2193.000	285.548	689.117	65.291	74.407	0.000	195.880	0.000
10/06/2014	1247.000	131.798	305.716	33.403	66.336	56.606	108.405	94.111
11/06/2014	3303.000	446.654	950.526	81.420	167.173	40.115	321.679	105.435
12/06/2014	3058.000	456.421	902.279	29.256	97.691	49.955	229.430	98.429
13/06/2014	1087.000	175.853	351.885	6.400	0.000	16.846	82.554	35.065
14/06/2014	761.000	123.375	266.609	9.177	21.815	11.674	41.219	7.741

Report Selection

localhost/EMS_19-06-14/Report Selection.aspx

Report Selection

Daily Monthly Yearly Shiftwise From To

Month June Year 2014

Report Type: Analog alarm


EU: All

Generate

'Analog alarm' Report:- June 2014

1 of 152 Select a format Export

EU_Name	Device_Name	Parameter_Name	Alarm_Type	Alarm_Value	Start_Date	End_Date	Duration	High
SMC_Sales_and_Design	32:R&D_New_Trafo_7	pF_32	high	4,294,966.272	6/18/2014 2:29:06 PM	6/18/2014 2:29:18 PM	00:00:12	1.0
SMC_Sales_and_Design	32:R&D_New_Trafo_7	pF_32	high	4,294,966.272	6/18/2014 2:09:42 PM	6/18/2014 2:29:18 PM	00:19:36	1.0
SMS_INSERT	92:Utility_Pannel_5.4_Coro	Volt_92	low	399.73	6/18/2014 2:08:41 PM			45
SMS_INSERT	92:Utility_Pannel_5.4_Coro	Volt_92	low	399.96	6/18/2014 2:08:12 PM	6/18/2014 2:08:25 PM	00:00:13	45
SM_Rock_Tool	2:1.2LT_RM_Core Barrel_LHS_PDB	pF_2	high	4,294,966.784	6/18/2014 2:06:14 PM			1.0
SM_Rock_Tool	2:1.2LT_RM_Core	pF_2	high	4,294,966.528	6/18/2014	6/18/2014	00:00:14	1.0

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ENERGY MANAGEMENT SYSTEM

Masters >

Data Entry

Current Data





Reports >


time  Logout

User Management

Register

▾

+    

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ENERGY MANAGEMENT SYSTEM


Masters >





Data Entry

Current Data

Reports >


Master - Parameters

time 

Parameter	Section	Meter Name	Start Address	Multiplying Factor	Engg. Unit	Set Point Lo.	Set Point Hi.	
KW ▾	Extraction ▾	EM7 ▾		0.1	KW ▾	123	456	   

SMS Configuration

localhost/EMS_19-06-14/SMSConfig.aspx

 **AUTOMATION TEKNIX**
Tel/Fax: +91 20 25388761 / 63
WEB : www.automationteknix.com
E-Mail : automationteknix@vsnl.net

Energy Management System

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SMS

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Name

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Parameter Type --Select--