PES ELECTRICAL PVT. LTD. Faridabad

TF1, Varun tower, Near Ajronda Chowk, Sector 20-B,Faridabad (121001)

Our system is of server based, which made our system wireless and can be handle from anywhere in the world. The whole of the system is temper proof and password protected which make our system very transparent and smooth by nature. We use INJECTOR for signaling which works on PLCC and has dual circuit. We have various features which give a special enhancement to our system because we use three tire security systems. Similar data is available on our Meter, Mobile app & In Home Display which gives transparency to the end user. Following are the features of our system.

ENERGY METER AT A GLANCE

1. Meter is of ISI marked.
2. Meter is 100% temper proof. If user will try to temper the meter, SMS alert will also sent to the facility team.
3. System is capable to generate various customized report as required.
4. Data Collection for billing is automatic on real time basis. Bill preparation & distribution of bill is automatic and sent to the facility team. .
5. Accuracy of the Prepaid Energy Meter is of Class 1.
6. Each Energy Meter is starts as prepaid energy meter from the first day of installation. The available balance will shown in meter as well mobile & computer.
7. A log of 45 days is available for transparency between user & facility team, if any conflict occurs.
8. If the loss will increase above the defined limit, system will generate an export & import analysis & SMS alert will sent to the concerned user.
9. There is no need to visit physically to the meter *for load limit, tariff, coupon generation* as it can done remotely by sending unique customer code to the facility team.
10. Bill Generation indicates other charges/Common Area Charges, corresponding unit consumed in the previous year of the same month etc as required by the facility management team.
11. Bill indicates energy consumption records on Mains & DG Separately.
12. Prepaid meter have separate records of Mains. If balance is zero, only mains supply will disconnect.
13. Prepaid meter have separate records of DG. If balance is zero, only DG supply will disconnect.
14. Energy Management: Software is user friendly window based.
15. The prepaid metering system is Full Proof Auto Sensing DG & Mains on PLCC based.

16. In case users do not pay their bills on time or try to temper the system, then the system is capable of disconnection their incoming supply after giving SMS warning. The Software is capable of introducing such features as per the requirements of the facility management.
17. A SMS alert will sent to the user in case of low balance is available for a specific user.
18. The system will provide Import/Export energy consumption analysis for controlling line loss.
19. Pre-payment scheme can activate or de-activated as required.
20. A common SMS to all consumers of the society will sent at single click of button if required.
21. There is Happy-hours for no disconnection on specified holidays etc. as desired by the facility management.
22. If the load exceeds beyond 100%, then system will automatically switch to Auto-Cut Mode on overload & automatically switch on to the reset mode when the load is reduced.
23. Display of all energy parameter & live balance with DG Indication is available on the PC as well as on the individual meters.
24. The user can see the live Reading/Balance on their mobile.
25. We will provide Display unit inside home. User can see DG/MAINS unit , live balance & mode of supply through In home display & Mobile App (Qubixlink).
26. Display unit have a Buzzer facility at the time of changeover from Mains to DG & Vice-versa.
27. Users are able to shutdown their meters remotely from their mobiles as and when required.
28. A record for status of functioning of meters is available to ensure that meters are running successfully.
29. We will provide DG Signal through Power Line carrier communication, there is no limit of signal distance, based on robust technology.
30. System will generate a report indicating complete record of all payments made through coupons recharge.
31. Energy meters is suitable to function on 3 phase on DG mode for even load distribution(R, Y, B).
32. Desired load is allocated to individual user on DG/Grid mode.
33. Bill generated automatically on pre-defined date for all consumers.
34. A bills statement is customized as per flat-wise or slab-wise.
35. The Energy meter is automatically cut-off on zero balance or overload.
36. There is separate database for the number of coupon sold.
37. Load management is done with a single button on DG backup, in case of emergency & rollback of old data on restoration of main power supply.

38. Simple networking, hence less maintenance which makes cost effective to our client.
39. Suitable for large & very large network.
40. **We provide first login for the maintenance department wherein he can just check the log**.
41. **We provide the second login for Admin, who can see the data, charge the meter and change the load and other credentials**.
42. **We provide the third login for super admin who have all the access as admin have along with that he can switch on/off the meter from the software**.
43. Any change done by any of the level or login is recorded in the software.
44. If anyone tries to open the cover of the meter, an alert SMS reaches the concerned person and Super Admin person as well.
45. We also provide the log and recharge for DG and mains separately: **WE ALSO PROVIDE DUAL ACCOUNT, which means Grid & DG as a separate balance available in meter**.
46. All the messages are recorded in the software memory, If customer have excuse then we have data along with us for transparency.
47. We give the option of payment through Net Banking (Bank will be provided by Developers)

We strive to cater all the requirements with the best of the quality.

Thanks,
Business development team.