

Electricity bill details Report - Electricity Consumption Report - UI & API

08/17/2026 08:55 AM - Piyush Vijay

Status:	New	Start date:	08/17/2026
Priority:	Normal	Due date:	
Assignee:	Yashaditya Singh	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	9.00 hours
Description			
Electricity bill details Report - Electricity Consumption Report - UI & API			

History

#1 - 08/17/2026 08:59 AM - Yashaditya Singh

I worked on the Electricity Consumption Analytics report, implementing the new station-wise and billing-period reporting flow while keeping the existing Electricity Bill Details page unchanged. I updated the backend calculations to show Energy Consumed from charging_sessions.energy_consumed_kwh, Revenue from charging_sessions.net_amount, Total Units from electricity bills, and Total Bill Amount from the manual bills, with calculations based on each billing period. I also worked on station-level pagination and filters, billing-period history with time-range filtering, updated the DTOs and repository/service logic, and created the new frontend API integration for the analytics page. On the UI side, I worked on the new two-level station-to-billing-period layout, corrected the routing, and separated the new analytics page from the existing bill management page.