

Powerbot Monthly Report

Client: Demo client
Date : 2021-05-31 to 2021-06-30

[Readings:](#)

	Powerbot Reading	Billed Reading	Action Required
Max Demand (kW) 0.81	84	104	
Max Demand (kVA) 0.88	95	108	
Active Energy Import(kWh) 0.93	13,872	14,923	
Active Energy Export(kWh) None	8	0	
Apparent Energy Consumption (kVAh) 0.92	18,387	19,957	
Power Factor 1.01	0.754	0.747	

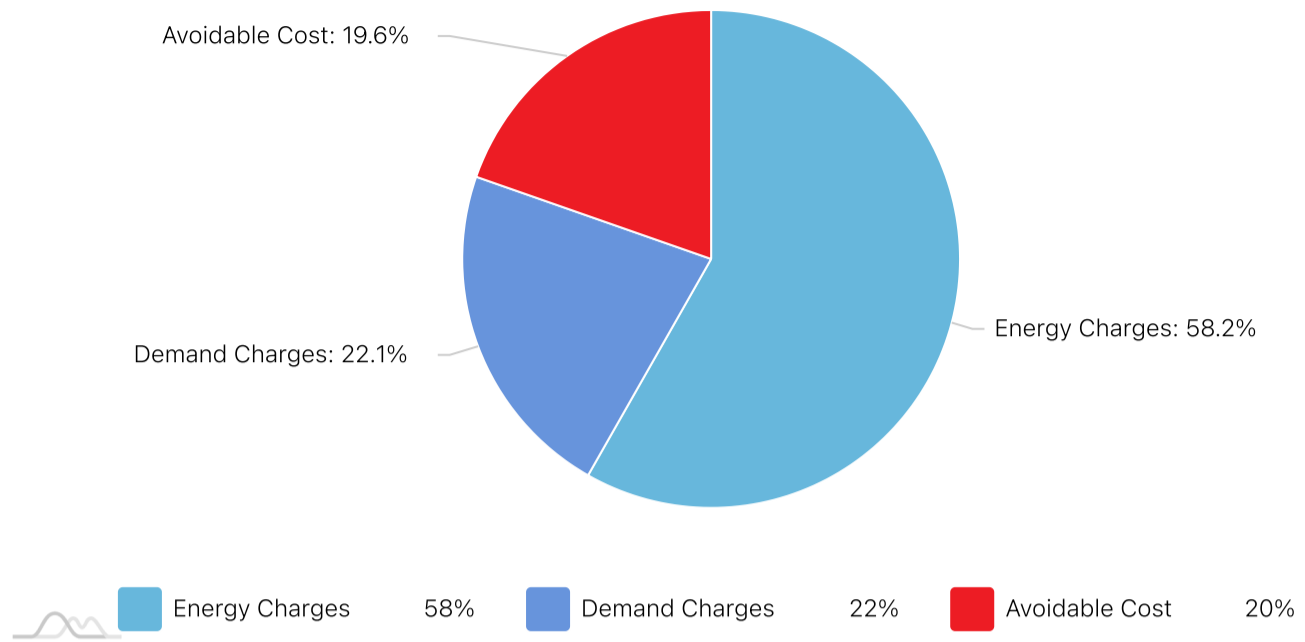
[As billed by MSEDCL for month June 2021](#)

	Actual Charges	Ideal Charges	Saving Opportunity	Action Required
Demand Charges	48,816	43,171	5,645	
Energy Charges	128,495	128,495	0	
PF Charges	43,346	642	42,704	
Penalties	0	0	0	

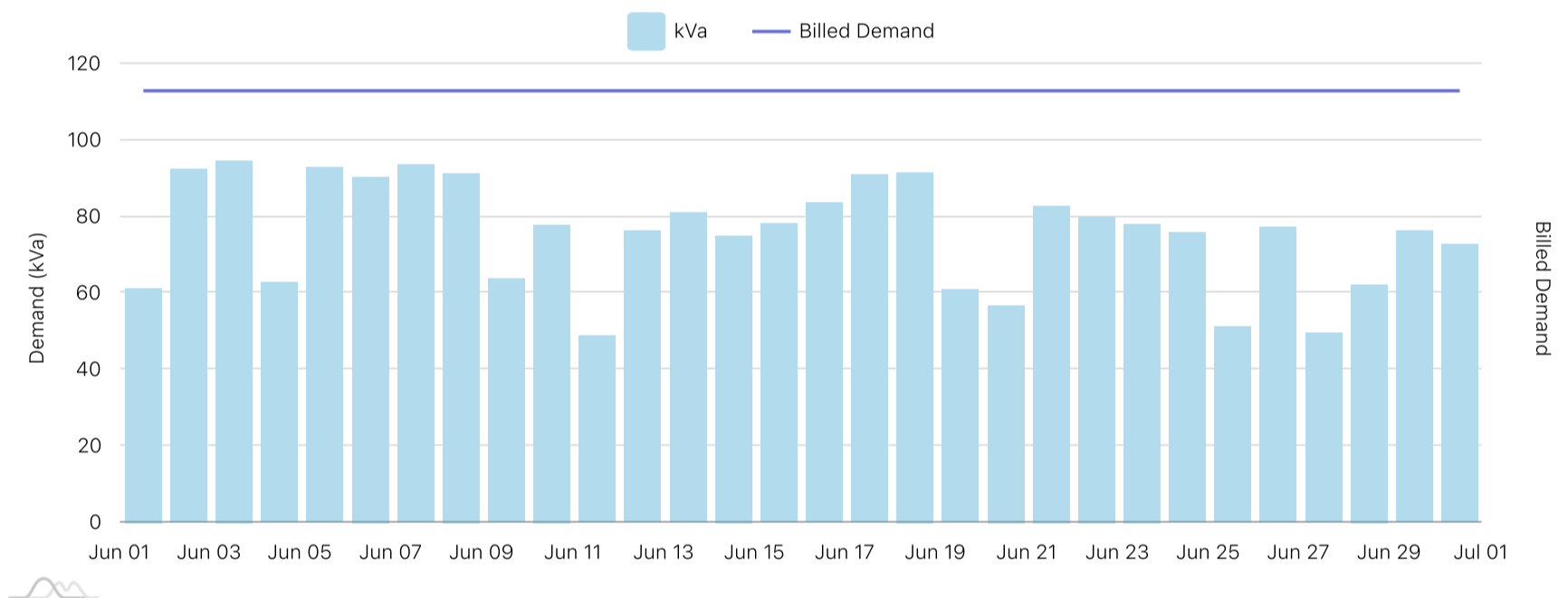
[Our major observation and suggestions](#)

- Power factor has improved in second half of the month and average went over 0.9 in that duration. However, there is still opportunity of improving power factor to 0.99 by doing small some upgradations in APFC panel.
- There seems to be an under-utilization of contract demand over past months. Contract demand should be reduced to 150 kVA.

◆ Break up of Billed Amount



◆ Demand Chart



◆ Average Power Factor

