

Specific load data for prosumers

Bus Number	Prosumer	Type	Mximum Load (kW)	Minimum Load (kW)	Preferred Load (kW)
2	PV Seller 1	Commercial	80.183	22.829	54.445
3	PV Seller 2	Residential	168.389	61.704	62.33
4	PV Seller 3	Commercial	155.039	41.37	121.36
5	PV Seller 4	Commercial	68.473	18.037	46.21
6	PV Seller 5	Commercial	79.848	23.003	69.648
7	Buyer 1	Residential	66.742	26.034	30.56
8	Buyer 2	Commercial	200.66	51.384	62.899
9	PV Seller 6	Commercial	100.787	27.445	56.653
10	Buyer 3	Residential	165.561	60.811	102.65
11	Buyer 4	Commercial	88.901	23.106	43.649
12	PV Seller 7	Residential	78.443	26.483	67.028
13	Buyer 5	Residential	81.755	31.657	64.119
14	Buyer 6	Commercial	55.342	16.377	18.364
15	PV Seller 8	Residential	68.828	23.73	33.359

Ref: Lee, Won-Poong, Dongjun Han, and Dongjun Won. "Grid-Oriented Coordination Strategy of Prosumers Using Game-theoretic Peer-to-Peer Trading Framework in Energy Community." Applied Energy 326 (2022): 119980.