			Buyer		
Type	User	Bid volume(kWh)	Bid price (¢/kWh)	Start time(h)	End time(h)
1	1	60.23	15.71	2	4
1	1	104.17	13.49	18	21
1	2	64.89	14.23	1	2
1	2	65.88	16.79	13	15
1	2	79.39	15.21	21	24
1	3	63.77	13.77	4	8
1	3	101.57	17.15	16	19
1	4	71.16	13.75	5	16
1	4	81.63	15.5	21	23
2	5	71.27	14.09	8	13
2	5	91.27	13.49	18	24
2	6	69.98	14.27	9	14
2	6	106.32	15.77	17	21
2	7	71.51	13.13	9	13
2	7	105.85	16.31	18	22
3	8	80.33	15.218	2	6
3	8	80	16.41	12	16
3	8	93	17.17	18	22
3	9	79.48	15.05	16	18
3	9	71.37	14.69	22	24

			Seller		
Type	User	Bid volume(kWh)	Bid price (¢ /kWh)	Start time(h)	End time(h)
1	1	93.54	14.724	2	6
1	1	105.16	12.6	9	12
1	1	117.35	13.8	20	24
1	2	92.38	14.56	1	5
1	2	112	14.4	8	13
1	2	104.13	12.96	15	17
1	2	101.25	13.68	19	23
2	3	95.62	14.58	1	6
2	3	100.71	13.68	10	12
2	3	102.41	14.92	13	20
3	4	101.32	12.72	2	8
3	4	108.2	12.24	11	17
3	4	98.2	14.4	19	24
3	5	106.94	13.72	3	8
3	5	116.88	13.28	10	16
3	5	120.32	12.08	18	22

coeff_G_a = [6.95   6.78   7.58   7.83   8.01   ]; % generation cost factors, ¢/kWh

coeff_G_b = [2.4121   1.0637   1.5538   1.0923   1.1943   ]; % generation cost factors, ¢

coeff_D_alpha = [20.76   18.619   18.592   19.735   17.802   18.897   19.706   21.608   20.657]; % utility factors, ¢/kWh