

Results of the Simulation Completed at: 18/01/2023 10:16:32

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	76.71	36.65	4323.50
Data Center processing time:	3.02	0.01	4191.51

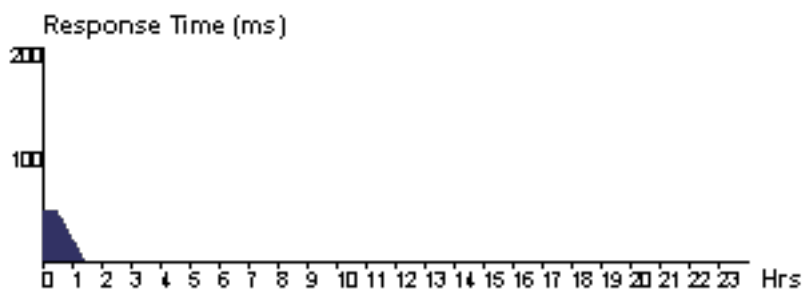
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10	53.69	40.64	72.74
UB11	53.43	40.22	74.49
UB12	201.04	148.19	246.34
UB13	50.90	38.33	62.63
UB14	53.20	39.55	82.70
UB15	52.97	37.48	67.71
UB16	53.09	39.86	71.76
UB17	52.83	39.82	71.32
UB18	200.40	153.42	246.57
UB19	50.81	40.61	61.65
UB1	51.02	40.11	65.63
UB20	53.60	40.14	78.68
UB21	53.43	40.61	69.07
UB22	53.47	39.06	72.36
UB23	52.91	37.20	70.53
UB24	200.25	161.14	248.11
UB25	51.05	41.63	62.81
UB26	53.18	39.97	78.66
UB27	53.58	40.88	71.64
UB28	53.15	40.74	71.51
UB29	53.09	39.91	71.02
UB2	53.00	41.08	71.27
UB30	200.85	158.34	252.68
UB31	50.73	40.56	63.61
UB32	53.90	39.57	83.48
UB33	53.01	39.98	73.62

UB34	53.13	41.64	70.43
UB35	53.86	40.44	77.31
UB36	201.27	159.21	244.59
UB37	50.76	40.76	62.76
UB38	53.08	40.47	80.77
UB39	53.81	41.31	72.39
UB3	53.23	41.58	76.01
UB40	53.32	39.44	68.62
UB41	52.93	41.22	67.71
UB42	206.64	156.12	4323.50
UB43	50.81	39.86	116.01
UB44	54.84	37.86	1244.02
UB45	53.26	39.11	75.64
UB46	53.40	39.97	73.89
UB47	53.39	41.37	70.56
UB48	200.81	157.10	236.69
UB49	50.93	38.78	62.12
UB4	53.65	39.20	77.10
UB50	53.48	39.16	78.09
UB5	59.48	36.65	4245.03
UB6	200.45	159.42	245.16
UB7	50.87	39.41	61.01
UB8	53.17	38.62	71.24
UB9	53.19	40.13	69.02

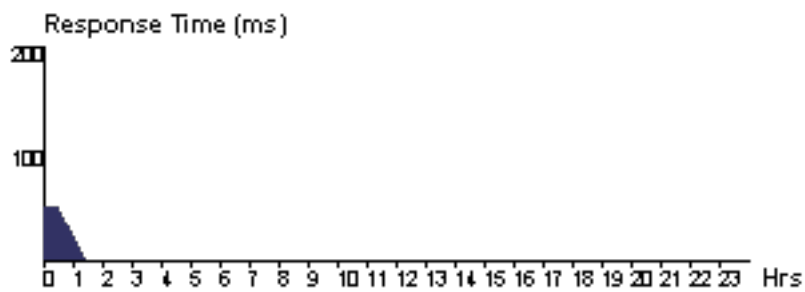
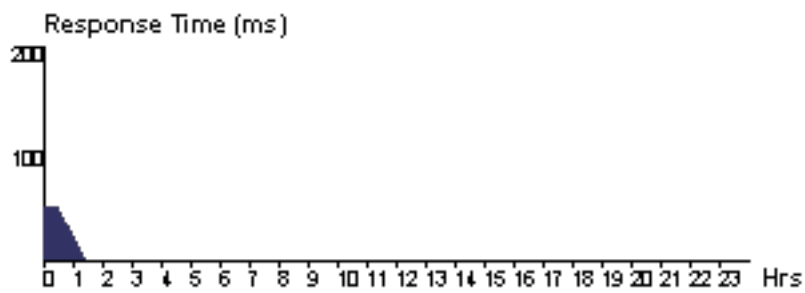
User Base Hourly Response Times

UB1

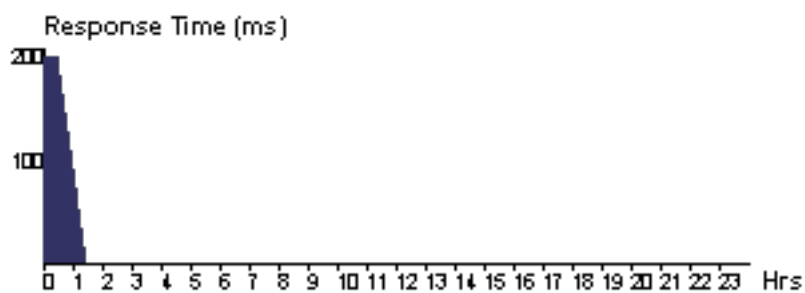


UB10

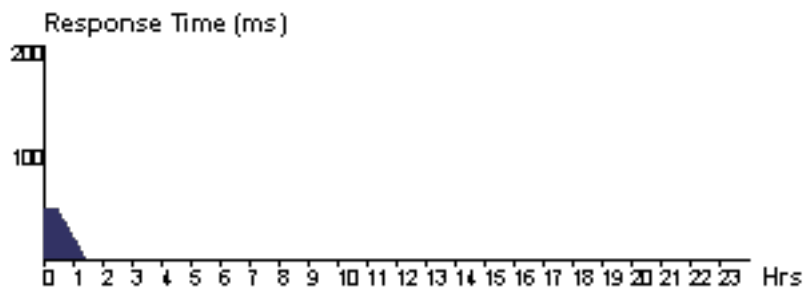
UB11



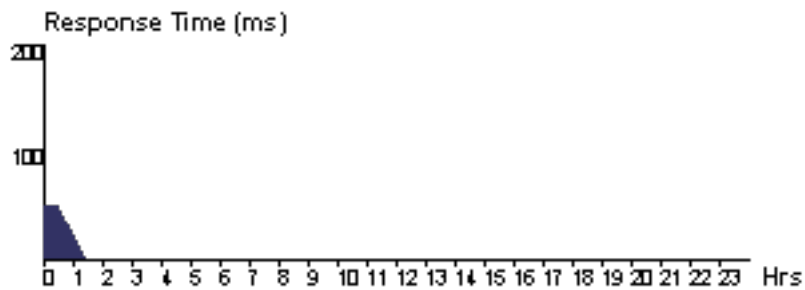
UB12



UB13

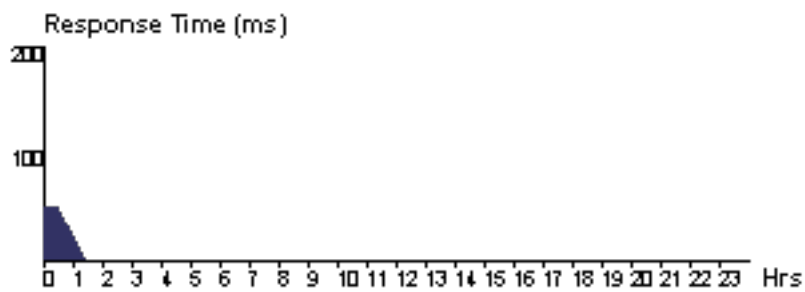
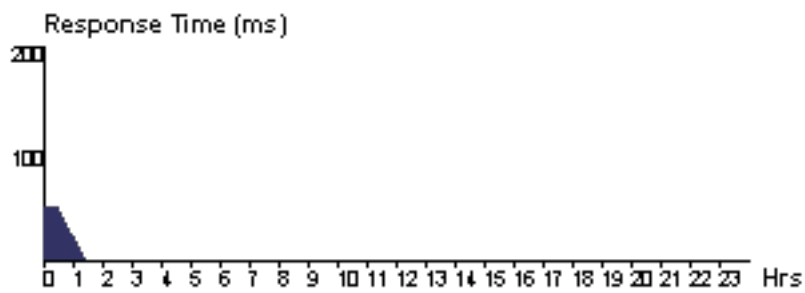


UB14

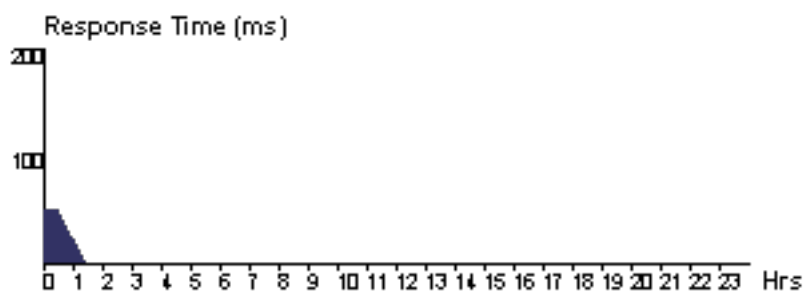


UB15

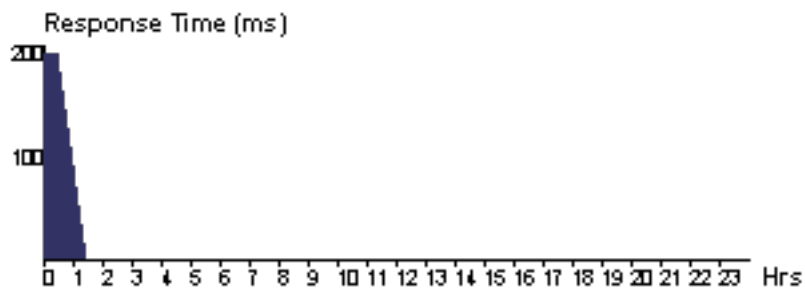
UB16



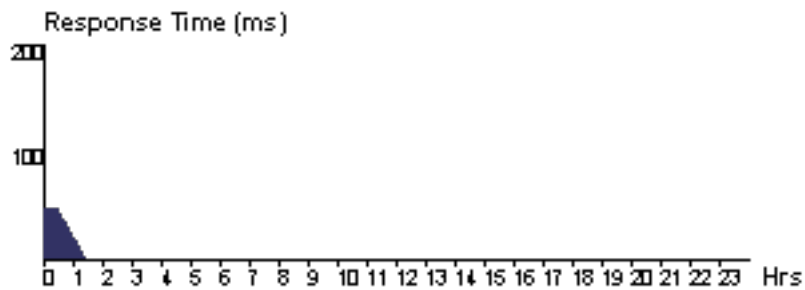
UB17



UB18

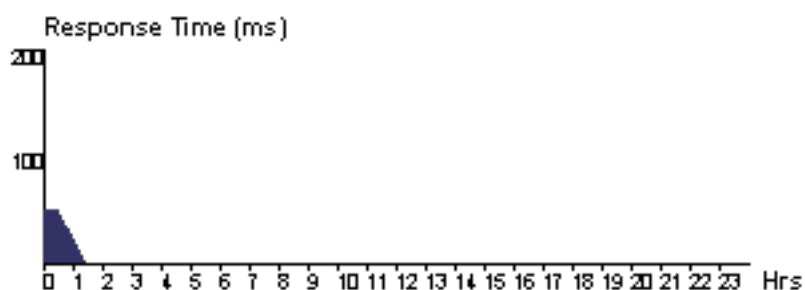
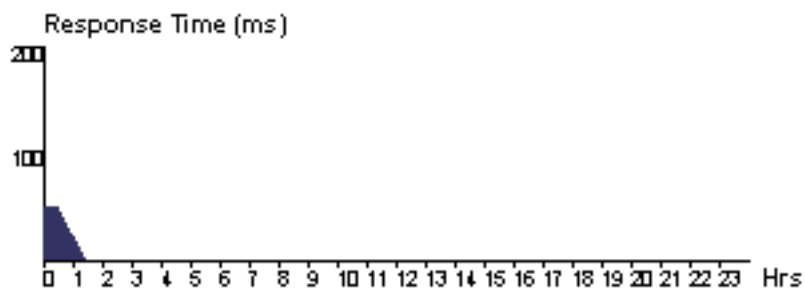


UB19

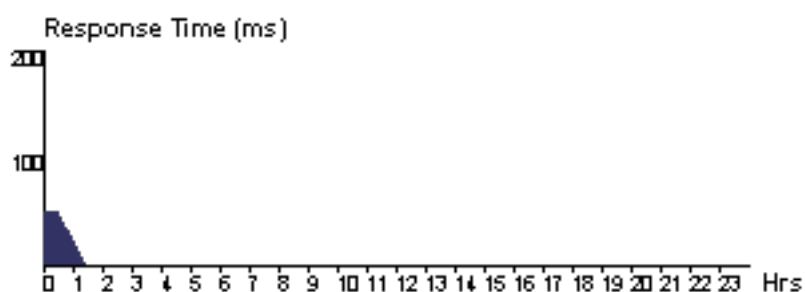


UB2

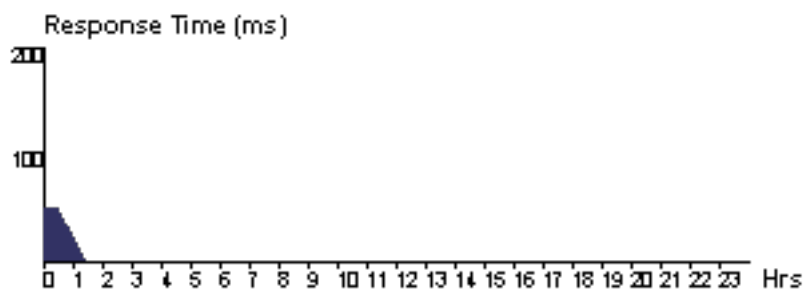
UB20



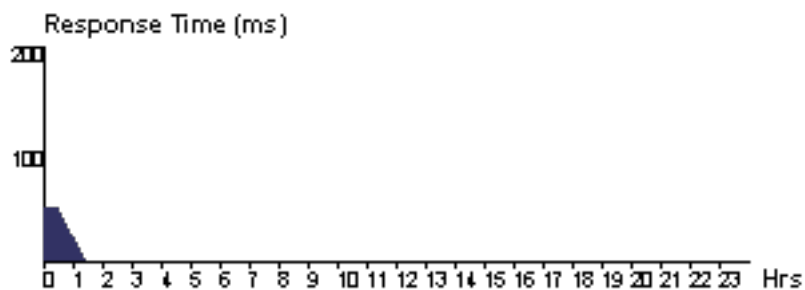
UB21



UB22

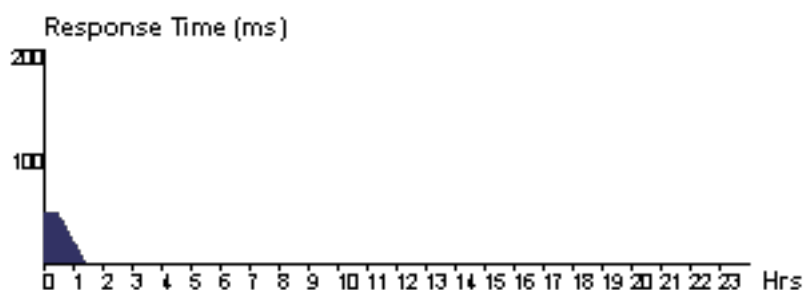
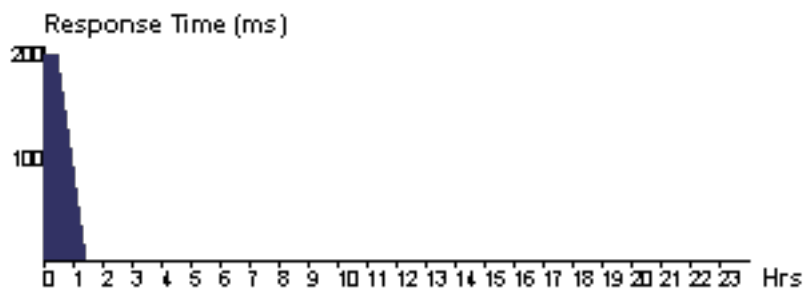


UB23

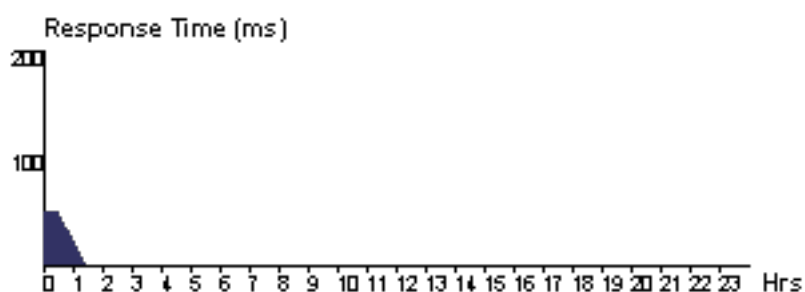


UB24

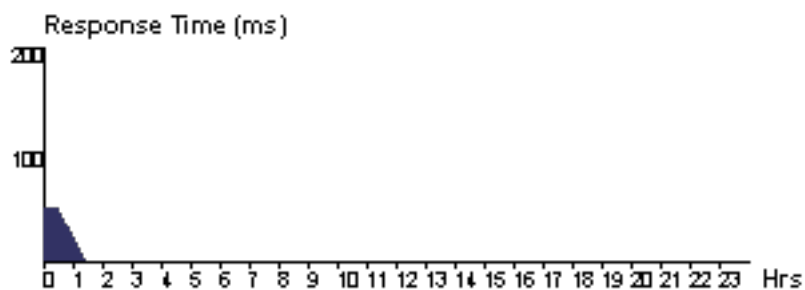
UB25



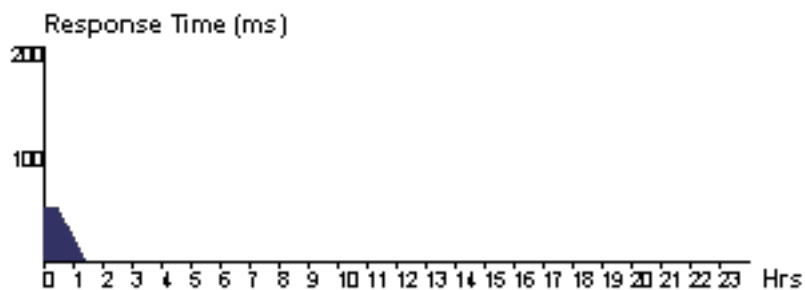
UB26



UB27

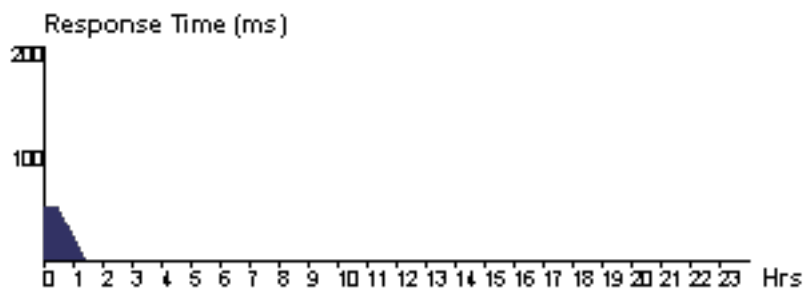
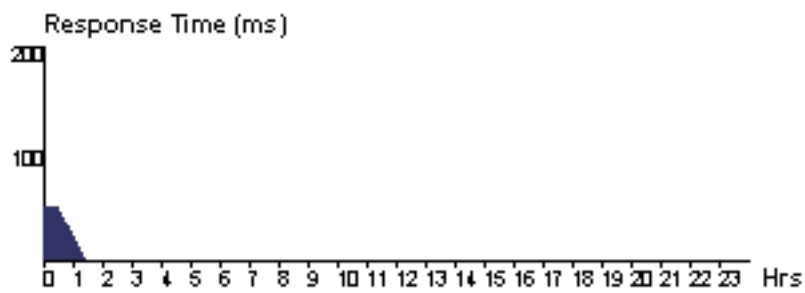


UB28

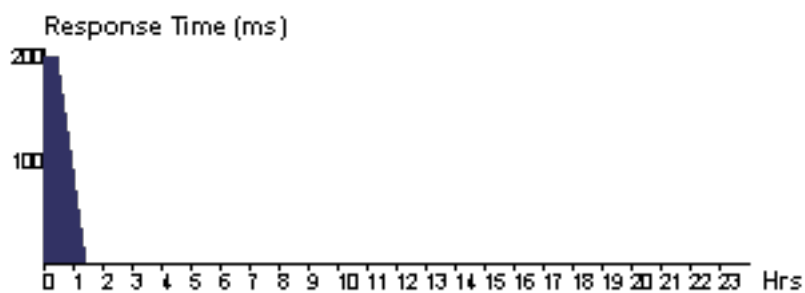


UB29

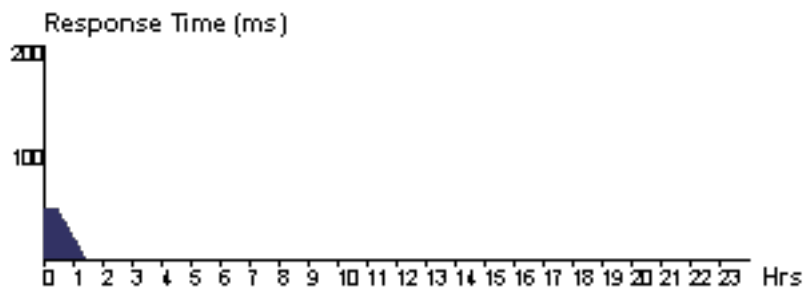
UB3



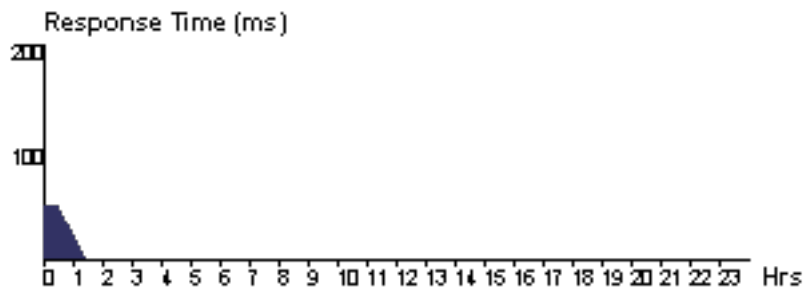
UB30



UB31

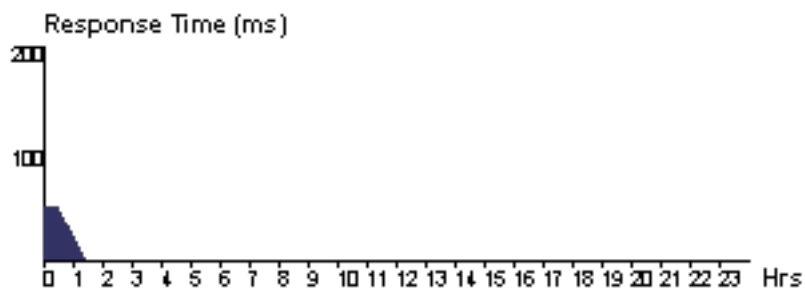
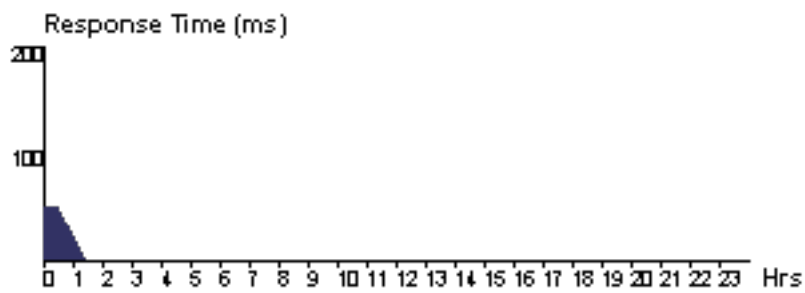


UB32

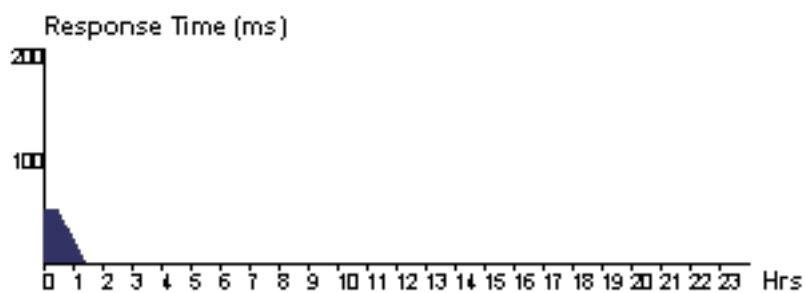


UB33

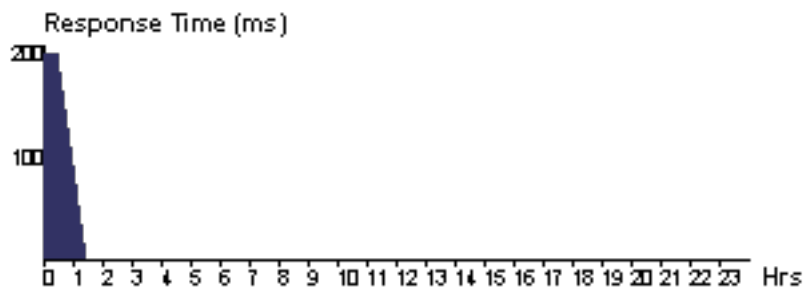
UB34



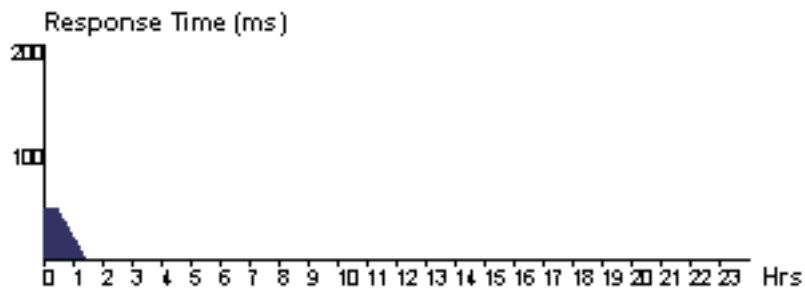
UB35



UB36

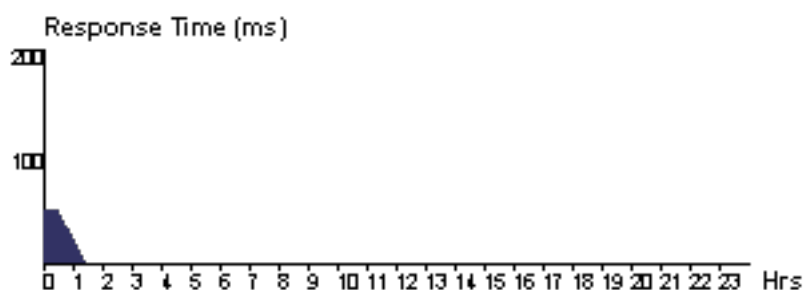
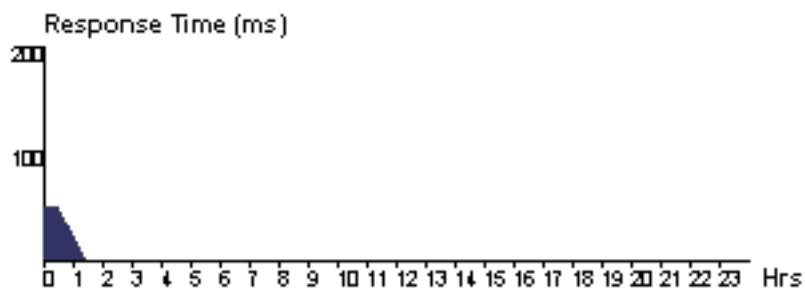


UB37

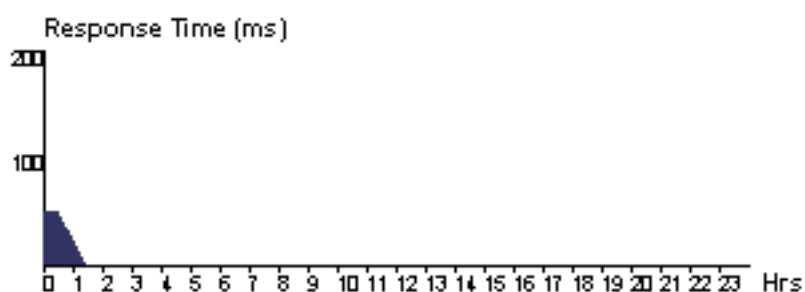


UB38

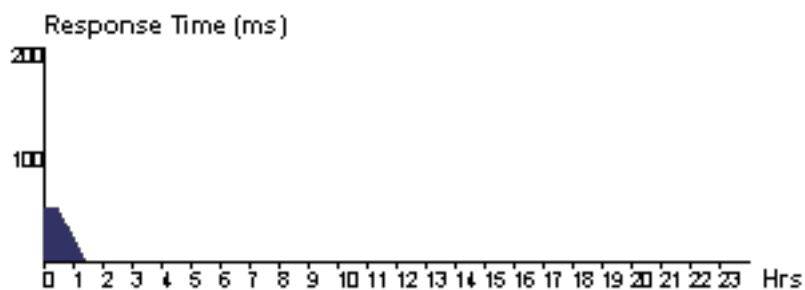
UB39



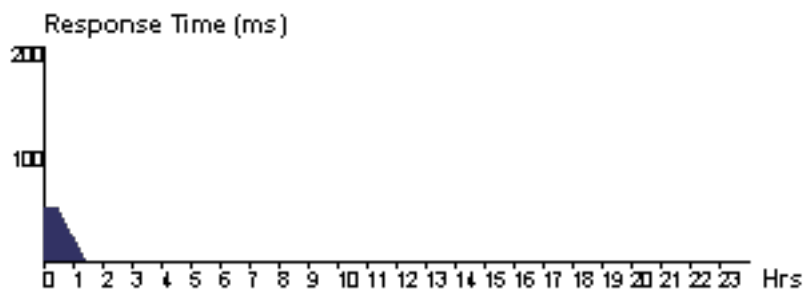
UB4



UB40

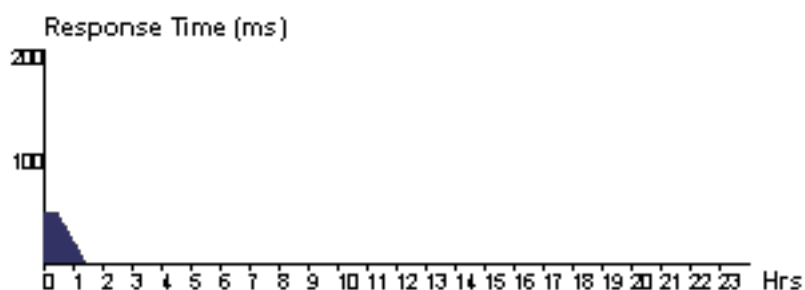
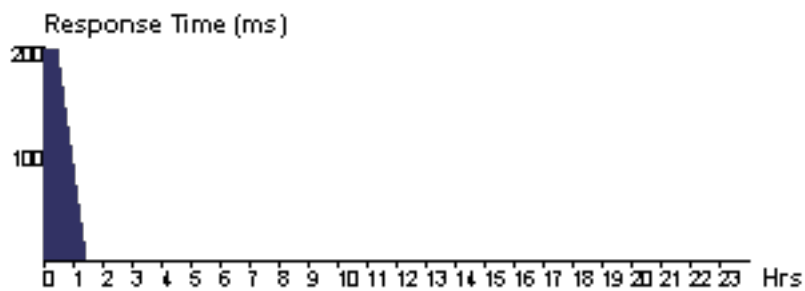


UB41

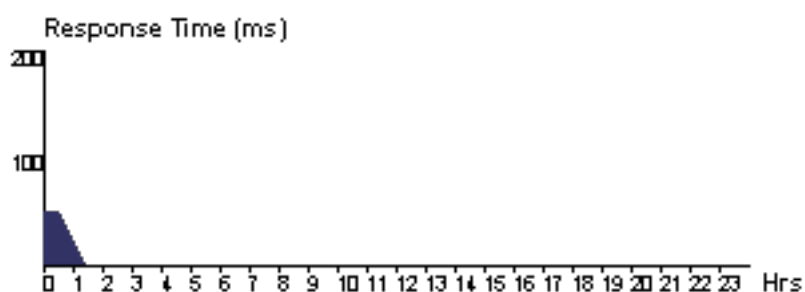


UB42

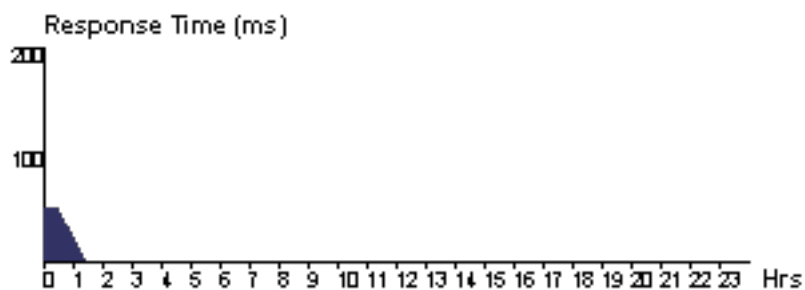
UB43



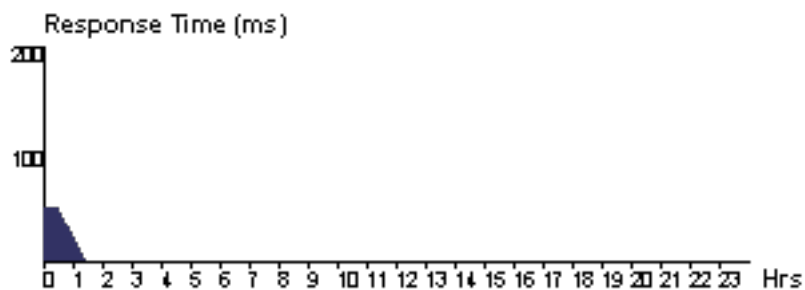
UB44



UB45

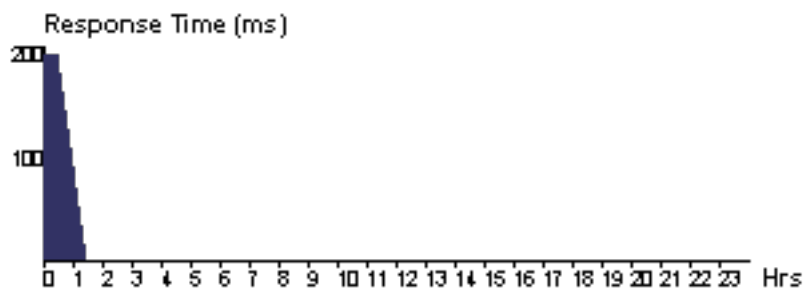
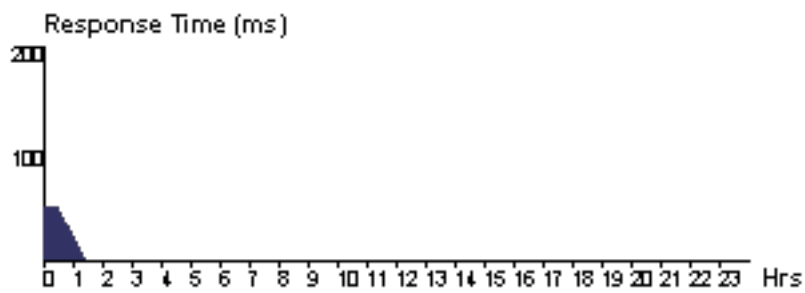


UB46

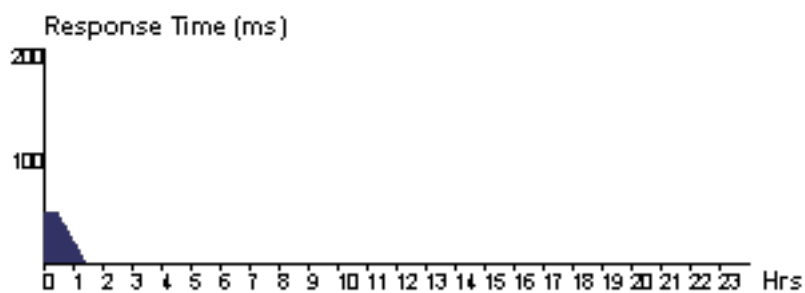


UB47

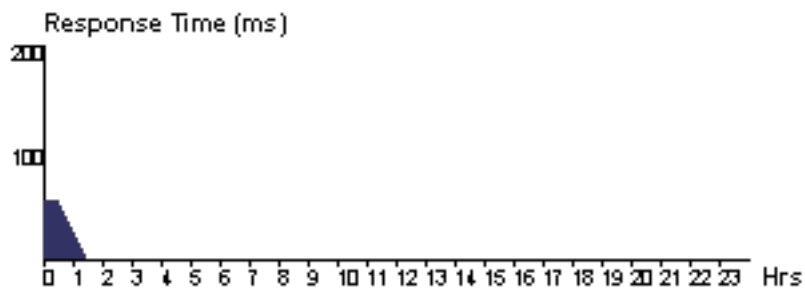
UB48



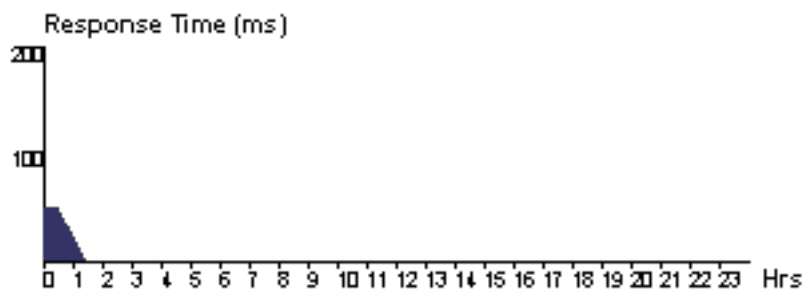
UB49



UB5

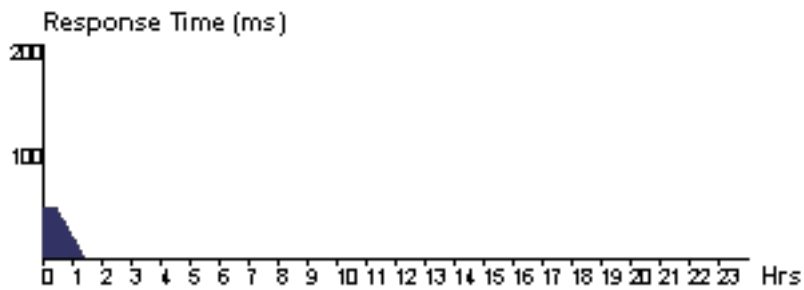
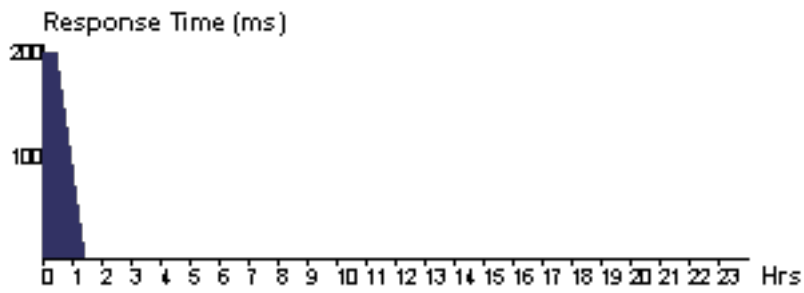


UB50

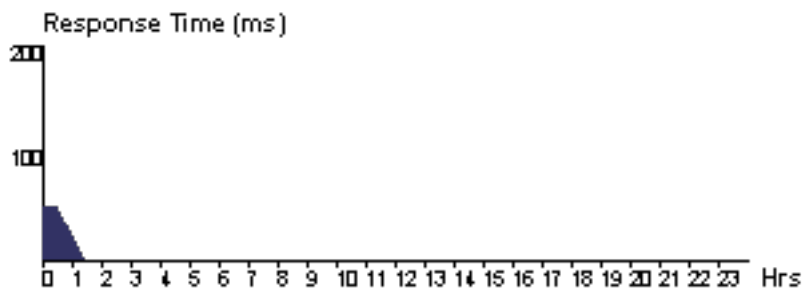


UB6

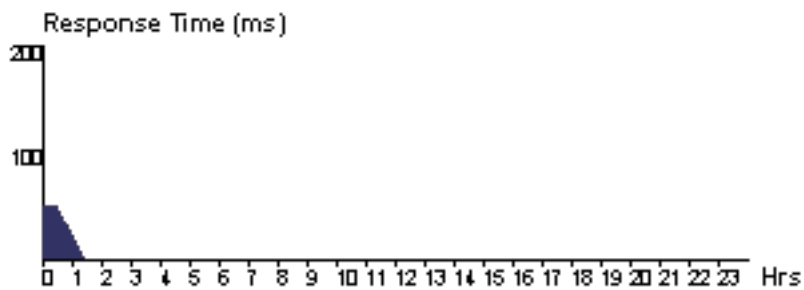
UB7



UB8



UB9

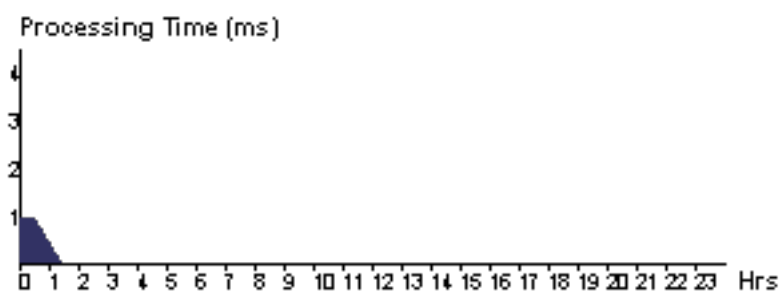


Data Center Request Servicing Times

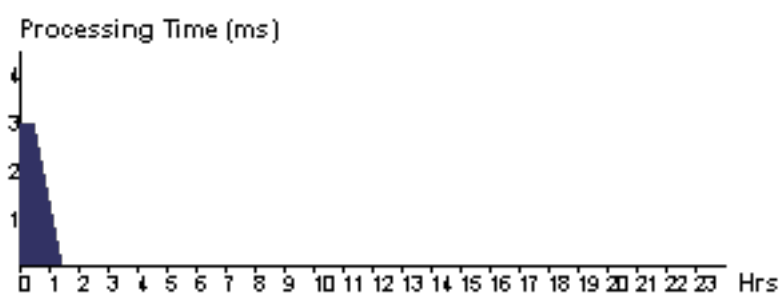
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	1.23	0.01	4110.50
DC2	3.92	0.02	1196.01
DC3	3.69	0.02	22.00
DC4	3.70	0.02	24.63
DC5	4.45	0.08	4191.51

Data Center Hourly Average Processing Times

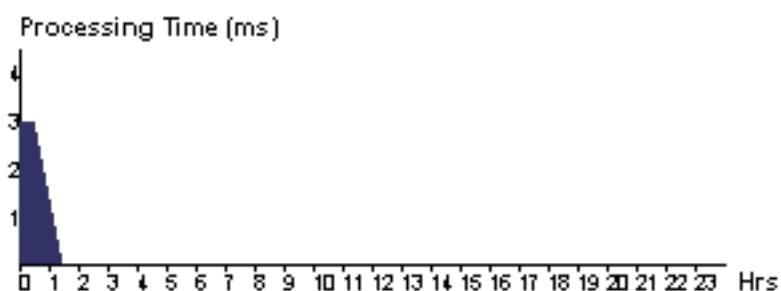
DC1



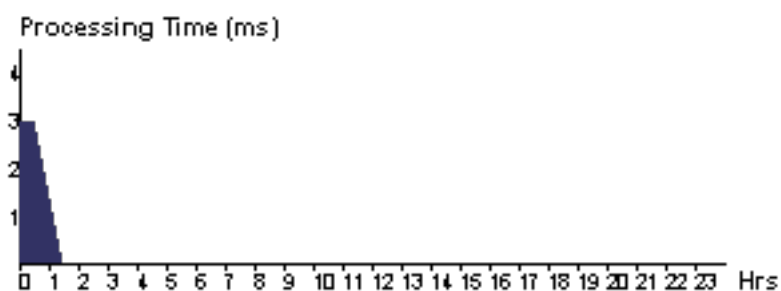
DC2



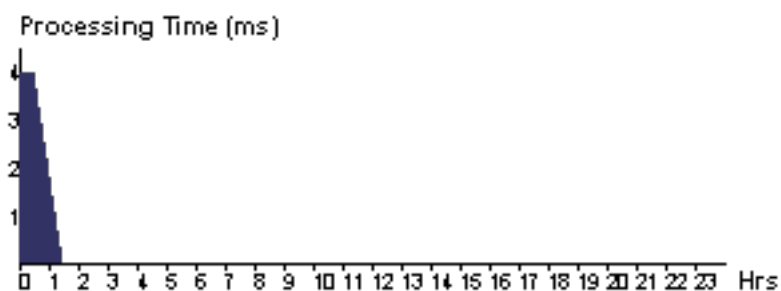
DC3



DC4

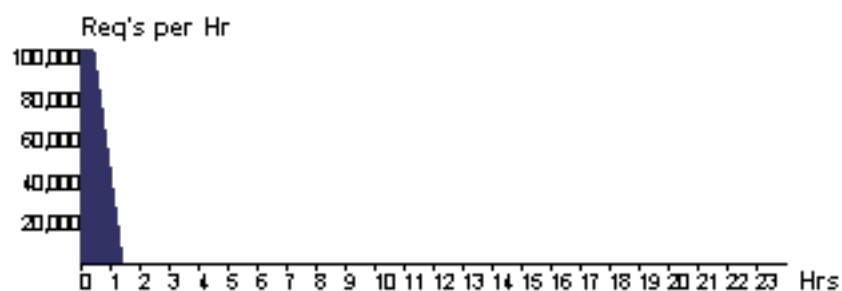


DC5

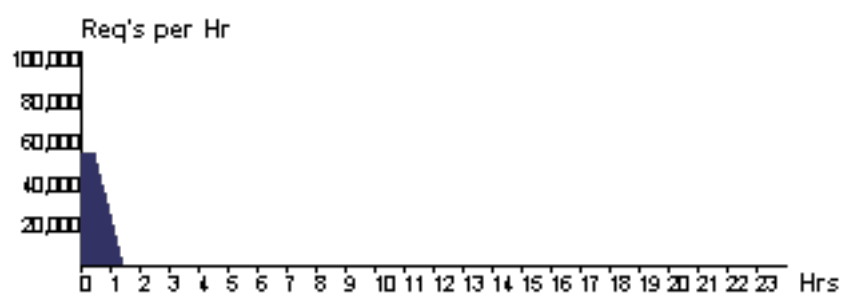


Data Center Hourly Loading

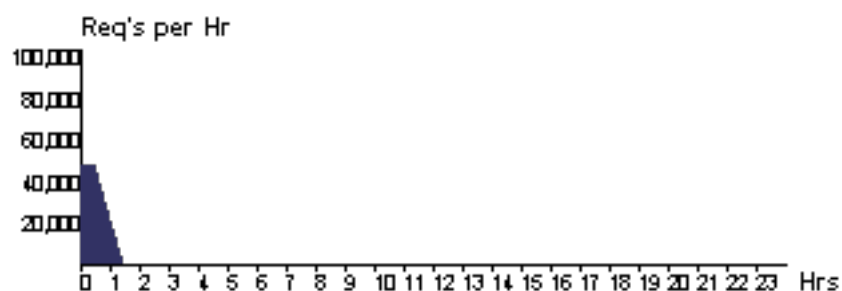
DC1



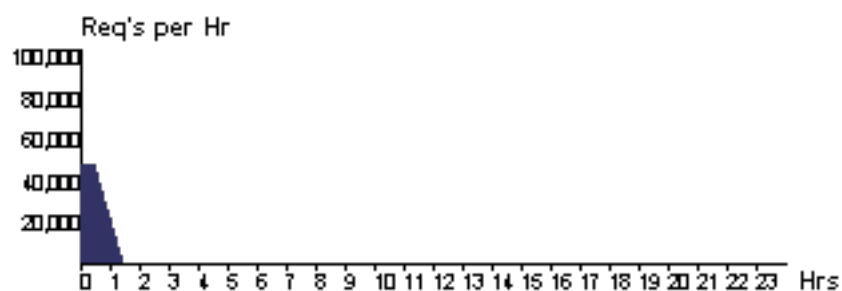
DC2



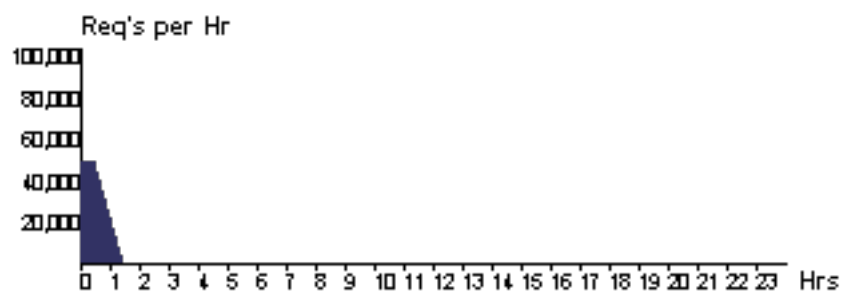
DC3



DC4



DC5



Cost

Total Virtual Machine Cost (\$):	16.29
Total Data Transfer Cost (\$):	3.20
Grand Total: (\$)	19.49

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC2	3.25	0.58	3.83
DC1	3.07	1.09	4.16
DC4	3.35	0.51	3.86
DC3	3.26	0.51	3.77
DC5	3.35	0.52	3.87