



Recorded at: Equatorial 5 stars Hotel  
 Chiller: SMARTD Oil Free - High Efficiency Chiller  
 Capacity: 450RT  
 Number of Compressor: Four (04)

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 8:44	3	158.08	1112.146	95.6	7.035	0.500
9/4/2014 8:44	3	157.092	1118.474	96.1	7.120	0.494
9/4/2014 8:43	3	155.857	1113.728	95.7	7.146	0.492
9/4/2014 8:43	3	156.351	1116.892	96	7.143	0.492
9/4/2014 8:42	3	155.363	1118.474	96.1	7.199	0.489
9/4/2014 8:42	3	154.869	1085.252	95.9	7.008	0.502
9/4/2014 8:41	3	152.646	1085.252	96	7.110	0.495
9/4/2014 8:41	3	148.941	1058.358	96.1	7.106	0.495
9/4/2014 8:40	3	144.989	1083.67	95.7	7.474	0.471
9/4/2014 8:40	3	143.013	1053.612	95.7	7.367	0.477
9/4/2014 8:39	3	141.284	1058.358	96.1	7.491	0.469
9/4/2014 8:39	3	139.802	1026.718	96	7.344	0.479
9/4/2014 8:38	3	139.802	1028.3	96.1	7.355	0.478
9/4/2014 8:38	3	140.296	1028.3	96.1	7.330	0.480
9/4/2014 8:37	3	139.802	1026.718	96	7.344	0.479
9/4/2014 8:37	3	140.296	1029.882	96.4	7.341	0.479
9/4/2014 8:36	3	141.284	1028.3	96.1	7.278	0.483
9/4/2014 8:36	3	141.037	1031.464	96.5	7.313	0.481
9/4/2014 8:35	3	141.284	1029.882	96.4	7.289	0.482
9/4/2014 8:35	3	140.543	1029.882	96.4	7.328	0.480
9/4/2014 8:34	3	140.296	1029.882	96.4	7.341	0.479
9/4/2014 8:34	3	141.284	1029.882	96.4	7.289	0.482
9/4/2014 8:33	3	141.037	1031.464	96.5	7.313	0.481
9/4/2014 8:33	3	139.061	1031.464	96.5	7.417	0.474
9/4/2014 8:32	3	137.826	1028.3	96.1	7.461	0.471
9/4/2014 8:32	3	137.332	1028.3	96.1	7.488	0.470
9/4/2014 8:31	3	135.85	1002.988	96.7	7.383	0.476
9/4/2014 8:31	3	136.838	999.824	96.4	7.307	0.481
9/4/2014 8:30	3	137.579	996.66	96.1	7.244	0.485
9/4/2014 8:30	3	138.32	999.824	96.4	7.228	0.487
9/4/2014 8:29	3	138.073	996.66	96.1	7.218	0.487
9/4/2014 8:29	3	135.603	966.602	96.1	7.128	0.493
9/4/2014 8:28	3	134.368	966.602	96.1	7.194	0.489
9/4/2014 8:28	3	129.181	936.544	96.1	7.250	0.485
9/4/2014 8:27	3	125.229	966.602	96.1	7.719	0.456
9/4/2014 8:27	3	126.217	996.66	96.1	7.896	0.445
9/4/2014 8:26	3	128.193	1028.3	96.1	8.021	0.438
9/4/2014 8:26	3	132.886	1028.3	96.1	7.738	0.454
9/4/2014 8:25	3	138.567	1061.522	96.4	7.661	0.459
9/4/2014 8:25	3	141.778	1058.358	96.1	7.465	0.471
9/4/2014 8:24	3	141.284	1061.522	96.4	7.513	0.468
9/4/2014 8:24	3	141.778	1064.686	96.7	7.510	0.468
9/4/2014 8:23	3	142.272	1058.358	96.1	7.439	0.473
9/4/2014 8:23	3	143.507	1061.522	96.4	7.397	0.475
9/4/2014 8:22	3	143.26	1061.522	96.4	7.410	0.475
9/4/2014 8:22	3	142.766	1056.776	96	7.402	0.475
9/4/2014 8:21	3	142.766	1061.522	96.4	7.435	0.473
9/4/2014 8:21	3	144.495	1061.522	96.5	7.346	0.479
9/4/2014 8:20	3	144.495	1061.522	96.5	7.346	0.479
9/4/2014 8:20	3	144.248	1025.136	95.9	7.107	0.495
9/4/2014 8:19	3	144.495	1056.776	96	7.314	0.481
9/4/2014 8:19	3	144.248	1091.58	96.5	7.567	0.465
9/4/2014 8:18	3	145.483	1085.252	96	7.460	0.471
9/4/2014 8:18	3	146.224	1061.522	96.4	7.260	0.484
9/4/2014 8:17	3	145.73	1061.522	96.4	7.284	0.483

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 8:17	3	145.483	1061.522	96.5	7.297	0.482
9/4/2014 8:16	3	144.989	1061.522	96.4	7.321	0.480
9/4/2014 8:16	3	144.495	1058.358	96.1	7.325	0.480
9/4/2014 8:15	3	144.248	1058.358	96.1	7.337	0.479
9/4/2014 8:15	3	144.001	1061.522	96.4	7.372	0.477
9/4/2014 8:14	3	144.248	1061.522	96.4	7.359	0.478
9/4/2014 8:14	3	143.754	1056.776	96	7.351	0.478
9/4/2014 8:13	3	143.013	1056.776	96	7.389	0.476
9/4/2014 8:13	3	143.507	1058.358	96.1	7.375	0.477
9/4/2014 8:12	3	145.236	1058.358	96.1	7.287	0.483
9/4/2014 8:12	3	143.754	1058.358	96.1	7.362	0.478
9/4/2014 8:11	3	143.26	1031.464	96.5	7.200	0.488
9/4/2014 8:11	3	142.272	1028.3	96.1	7.228	0.487
9/4/2014 8:10	3	141.284	1025.136	95.9	7.256	0.485
9/4/2014 8:10	3	142.025	1028.3	96.1	7.240	0.486
9/4/2014 8:09	3	140.049	1028.3	96.1	7.342	0.479
9/4/2014 8:09	3	139.061	1025.136	95.9	7.372	0.477
9/4/2014 8:08	3	138.32	1028.3	96.1	7.434	0.473
9/4/2014 8:08	3	137.579	1025.136	95.9	7.451	0.472
9/4/2014 8:07	3	136.591	1025.136	95.9	7.505	0.469
9/4/2014 8:07	3	136.097	1026.718	96	7.544	0.466
9/4/2014 8:06	3	135.356	1026.718	96	7.585	0.464
9/4/2014 8:06	3	133.38	1023.554	95.7	7.674	0.458
9/4/2014 8:05	3	133.133	1028.3	96.1	7.724	0.455
9/4/2014 8:05	3	131.898	996.66	96	7.556	0.465
9/4/2014 8:04	3	131.157	996.66	96.1	7.599	0.463
9/4/2014 8:04	3	129.922	991.914	95.6	7.635	0.461
9/4/2014 8:03	3	129.428	963.438	95.7	7.444	0.472
9/4/2014 8:03	3	128.687	966.602	96	7.511	0.468
9/4/2014 8:02	3	125.723	993.496	95.7	7.902	0.445
9/4/2014 8:02	3	123.5	961.856	95.6	7.788	0.452
9/4/2014 8:01	3	120.783	961.856	95.6	7.964	0.442
9/4/2014 8:01	3	118.807	930.216	95.5	7.830	0.449
9/4/2014 8:00	3	117.325	931.798	95.6	7.942	0.443
9/4/2014 8:00	3	114.608	901.74	95.6	7.868	0.447
9/4/2014 7:59	3	112.632	900.158	95.5	7.992	0.440
9/4/2014 7:59	3	110.409	898.576	95.2	8.139	0.432
9/4/2014 7:58	3	109.174	893.83	94.8	8.187	0.430
9/4/2014 7:58	3	108.927	892.248	94.5	8.191	0.429
9/4/2014 7:57	3	108.186	857.444	94.1	7.926	0.444
9/4/2014 7:57	3	106.951	862.19	94.5	8.062	0.436
9/4/2014 7:56	3	107.198	854.28	93.8	7.969	0.441
9/4/2014 7:56	3	108.186	852.698	93.5	7.882	0.446
9/4/2014 7:55	3	107.445	852.698	93.6	7.936	0.443
9/4/2014 7:55	3	107.445	854.28	93.8	7.951	0.442
9/4/2014 7:54	3	106.704	851.116	93.4	7.976	0.441
9/4/2014 7:54	3	106.21	849.534	93.2	7.999	0.440
9/4/2014 7:53	3	105.716	879.592	93.2	8.320	0.423
9/4/2014 7:53	3	105.963	879.592	93.2	8.301	0.424
9/4/2014 7:52	3	106.704	882.756	93.5	8.273	0.425
9/4/2014 7:52	3	107.445	879.592	93.2	8.186	0.430
9/4/2014 7:51	3	107.198	851.116	93.4	7.940	0.443
9/4/2014 7:51	3	107.198	879.592	93.2	8.205	0.429
9/4/2014 7:50	3	107.692	874.846	92.8	8.124	0.433
9/4/2014 7:50	3	107.198	849.534	93.1	7.925	0.444
9/4/2014 7:49	3	106.951	874.846	92.8	8.180	0.430
9/4/2014 7:49	3	106.704	874.846	92.8	8.199	0.429
9/4/2014 7:48	3	106.21	873.264	92.7	8.222	0.428
9/4/2014 7:48	3	106.21	874.846	92.8	8.237	0.427
9/4/2014 7:47	3	106.21	874.846	92.8	8.237	0.427
9/4/2014 7:47	3	106.951	874.846	92.8	8.180	0.430
9/4/2014 7:46	3	108.68	874.846	92.8	8.050	0.437
9/4/2014 7:46	3	108.186	879.592	93.2	8.130	0.433
9/4/2014 7:45	3	107.445	901.74	92.6	8.393	0.419

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 7:45	3	107.939	903.322	92.8	8.369	0.420
9/4/2014 7:44	3	108.186	906.486	93.1	8.379	0.420
9/4/2014 7:44	3	108.186	874.846	92.8	8.086	0.435
9/4/2014 7:43	3	108.68	878.01	93.1	8.079	0.435
9/4/2014 7:43	3	106.704	873.264	92.7	8.184	0.430
9/4/2014 7:42	3	104.975	903.322	92.8	8.605	0.409
9/4/2014 7:42	3	108.927	903.322	92.8	8.293	0.424
9/4/2014 7:41	3	112.632	908.068	93.2	8.062	0.436
9/4/2014 7:41	3	113.867	849.534	93.1	7.461	0.471
9/4/2014 7:40	3	105.222	878.01	93.1	8.344	0.421
9/4/2014 7:40	3	105.963	942.872	96.8	8.898	0.395
9/4/2014 7:39	3	105.716	890.666	91.4	8.425	0.417
9/4/2014 7:39	3	106.21	863.772	91.6	8.133	0.432
9/4/2014 7:38	3	105.716	860.608	91.4	8.141	0.432
9/4/2014 7:38	3	105.716	892.248	91.6	8.440	0.417
9/4/2014 7:37	3	106.21	887.502	91.1	8.356	0.421
9/4/2014 7:37	3	106.457	889.084	91.2	8.352	0.421
9/4/2014 7:36	3	108.433	860.608	91.4	7.937	0.443
9/4/2014 7:36	3	107.198	860.608	91.4	8.028	0.438
9/4/2014 7:35	3	105.716	859.026	91.1	8.126	0.433
9/4/2014 7:35	3	105.963	859.026	91.1	8.107	0.434
9/4/2014 7:34	3	105.716	866.936	91.9	8.201	0.429
9/4/2014 7:34	3	105.716	863.772	91.6	8.171	0.430
9/4/2014 7:33	3	105.469	860.608	91.4	8.160	0.431
9/4/2014 7:33	3	105.469	865.354	91.8	8.205	0.429
9/4/2014 7:32	3	105.222	860.608	91.4	8.179	0.430
9/4/2014 7:32	3	105.222	863.772	91.6	8.209	0.428
9/4/2014 7:31	3	105.716	860.608	91.4	8.141	0.432
9/4/2014 7:31	3	105.469	860.608	91.4	8.160	0.431
9/4/2014 7:30	3	105.222	860.608	91.4	8.179	0.430
9/4/2014 7:30	3	104.975	868.518	92.2	8.274	0.425
9/4/2014 7:29	3	104.481	863.772	91.6	8.267	0.425
9/4/2014 7:29	3	104.975	860.608	91.4	8.198	0.429
9/4/2014 7:28	3	105.222	857.444	91	8.149	0.432
9/4/2014 7:28	3	104.481	860.608	91.2	8.237	0.427
9/4/2014 7:27	3	104.481	859.026	91.1	8.222	0.428
9/4/2014 7:27	3	105.222	833.714	91.4	7.923	0.444
9/4/2014 7:26	3	106.21	835.296	91.6	7.865	0.447
9/4/2014 7:26	3	104.481	835.296	91.6	7.995	0.440
9/4/2014 7:25	3	104.234	833.714	91.4	7.998	0.440
9/4/2014 7:25	3	104.481	835.296	91.8	7.995	0.440
9/4/2014 7:24	3	104.481	835.296	91.8	7.995	0.440
9/4/2014 7:24	3	104.481	832.132	91.2	7.964	0.442
9/4/2014 7:23	3	104.481	835.296	91.6	7.995	0.440
9/4/2014 7:23	3	104.728	833.714	91.4	7.961	0.442
9/4/2014 7:22	3	104.481	833.714	91.4	7.980	0.441
9/4/2014 7:22	3	103.987	833.714	91.4	8.017	0.439
9/4/2014 7:21	3	104.728	833.714	91.4	7.961	0.442
9/4/2014 7:21	3	104.481	833.714	91.4	7.980	0.441
9/4/2014 7:20	3	102.752	830.55	91.1	8.083	0.435
9/4/2014 7:20	3	102.999	833.714	91.4	8.094	0.434
9/4/2014 7:19	3	103.246	833.714	91.4	8.075	0.436
9/4/2014 7:19	3	103.493	835.296	91.6	8.071	0.436
9/4/2014 7:18	3	102.752	833.714	91.4	8.114	0.433
9/4/2014 7:18	3	103.246	859.026	91.1	8.320	0.423
9/4/2014 7:17	3	102.505	860.608	91.2	8.396	0.419
9/4/2014 7:17	3	103.493	860.608	91.4	8.316	0.423
9/4/2014 7:16	3	102.752	860.608	91.2	8.376	0.420
9/4/2014 7:16	3	102.011	835.296	91.8	8.188	0.430
9/4/2014 7:15	3	103.74	832.132	91.2	8.021	0.438
9/4/2014 7:15	3	102.999	832.132	91.2	8.079	0.435
9/4/2014 7:14	3	102.505	833.714	91.4	8.133	0.432
9/4/2014 7:14	3	103.493	832.132	91.2	8.040	0.437
9/4/2014 7:13	3	103.493	833.714	91.4	8.056	0.437

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 7:13	3	102.258	833.714	91.4	8.153	0.431
9/4/2014 7:12	3	102.999	835.296	91.8	8.110	0.434
9/4/2014 7:12	3	103.493	833.714	91.4	8.056	0.437
9/4/2014 7:11	3	103.493	860.608	91.2	8.316	0.423
9/4/2014 7:11	3	104.481	860.608	91.4	8.237	0.427
9/4/2014 7:10	3	103.987	866.936	91.9	8.337	0.422
9/4/2014 7:10	3	105.469	860.608	91.4	8.160	0.431
9/4/2014 7:09	3	105.963	865.354	91.8	8.167	0.431
9/4/2014 7:09	3	106.21	863.772	91.6	8.133	0.432
9/4/2014 7:08	3	107.198	863.772	91.6	8.058	0.436
9/4/2014 7:08	3	107.198	892.248	91.6	8.323	0.423
9/4/2014 7:07	3	108.68	892.248	91.6	8.210	0.428
9/4/2014 7:07	3	110.409	892.248	91.6	8.081	0.435
9/4/2014 7:06	3	111.15	890.666	91.4	8.013	0.439
9/4/2014 7:06	3	112.385	922.306	91.8	8.207	0.429
9/4/2014 7:05	3	113.867	922.306	91.8	8.100	0.434
9/4/2014 7:05	3	115.102	922.306	91.6	8.013	0.439
9/4/2014 7:04	3	117.819	947.618	91.4	8.043	0.437
9/4/2014 7:04	3	119.795	947.618	91.4	7.910	0.445
9/4/2014 7:03	3	120.536	952.364	91.8	7.901	0.445
9/4/2014 7:03	3	120.536	1009.316	91.8	8.374	0.420
9/4/2014 7:02	3	126.958	1034.628	91.4	8.149	0.432
9/4/2014 7:02	3	132.886	1037.792	91.8	7.810	0.450
9/4/2014 7:01	3	136.097	1004.57	91.4	7.381	0.476
9/4/2014 7:01	3	135.85	1037.792	91.8	7.639	0.460
9/4/2014 7:00	3	134.862	1037.792	91.8	7.695	0.457
9/4/2014 7:00	3	133.874	1034.628	91.4	7.728	0.455
9/4/2014 6:59	3	133.874	1004.57	91.4	7.504	0.469
9/4/2014 6:59	3	134.368	1037.792	91.8	7.724	0.455
9/4/2014 6:58	3	135.85	1037.792	91.8	7.639	0.460
9/4/2014 6:58	3	137.826	1037.792	91.8	7.530	0.467
9/4/2014 6:57	3	134.862	1004.57	91.4	7.449	0.472
9/4/2014 6:57	3	132.886	1004.57	91.4	7.560	0.465
9/4/2014 6:56	3	131.404	1004.57	91.4	7.645	0.460
9/4/2014 6:56	3	129.181	1004.57	91.2	7.776	0.452
9/4/2014 6:55	3	126.958	976.094	91.4	7.688	0.457
9/4/2014 6:55	3	123.747	950.782	91.6	7.683	0.458
9/4/2014 6:54	3	120.289	950.782	91.6	7.904	0.445
9/4/2014 6:54	3	119.795	947.618	91.4	7.910	0.445
9/4/2014 6:53	3	123.747	915.978	91.1	7.402	0.475
9/4/2014 6:53	3	124.488	833.714	91.4	6.697	0.525
9/4/2014 6:52	3	118.807	778.344	91.8	6.551	0.537
9/4/2014 6:52	3	111.15	746.704	91.4	6.718	0.524
9/4/2014 6:51	3	97.318	805.238	91.6	8.274	0.425
9/4/2014 6:51	3	98.8	832.132	91.2	8.422	0.418
9/4/2014 6:50	3	105.469	832.132	91.2	7.890	0.446
9/4/2014 6:50	2	104.975	805.238	91.6	7.671	0.458
9/4/2014 6:49	2	104.234	805.238	91.6	7.725	0.455
9/4/2014 6:49	2	102.258	803.656	91.4	7.859	0.448
9/4/2014 6:48	2	101.023	803.656	91.4	7.955	0.442
9/4/2014 6:48	2	100.282	803.656	91.2	8.014	0.439
9/4/2014 6:47	2	98.059	803.656	91.4	8.196	0.429
9/4/2014 6:47	2	95.836	778.344	91.8	8.122	0.433
9/4/2014 6:46	2	94.848	778.344	91.6	8.206	0.429
9/4/2014 6:46	2	92.872	775.18	91.4	8.347	0.421
9/4/2014 6:45	2	91.637	773.598	91.1	8.442	0.417
9/4/2014 6:45	2	90.896	775.18	91.4	8.528	0.412
9/4/2014 6:44	2	89.167	746.704	91.4	8.374	0.420
9/4/2014 6:44	2	87.685	749.868	91.8	8.552	0.411
9/4/2014 6:43	2	85.215	719.81	91.6	8.447	0.416
9/4/2014 6:43	2	81.016	718.228	91.4	8.865	0.397
9/4/2014 6:42	2	78.546	716.646	91.2	9.124	0.385
9/4/2014 6:42	2	78.793	716.646	91.2	9.095	0.387
9/4/2014 6:41	2	79.534	688.17	91.2	8.653	0.406

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 6:41	2	79.534	689.752	91.4	8.672	0.406
9/4/2014 6:40	2	79.534	686.588	91.1	8.633	0.407
9/4/2014 6:40	2	79.781	688.17	91.2	8.626	0.408
9/4/2014 6:39	2	79.534	718.228	91.4	9.030	0.389
9/4/2014 6:39	2	79.287	718.228	91.4	9.059	0.388
9/4/2014 6:38	2	79.534	713.482	90.7	8.971	0.392
9/4/2014 6:38	2	79.534	713.482	90.7	8.971	0.392
9/4/2014 6:37	2	79.781	716.646	91.1	8.983	0.392
9/4/2014 6:37	2	79.781	715.064	91	8.963	0.392
9/4/2014 6:36	2	79.534	713.482	90.7	8.971	0.392
9/4/2014 6:36	2	79.781	713.482	90.8	8.943	0.393
9/4/2014 6:35	2	80.522	713.482	90.7	8.861	0.397
9/4/2014 6:35	2	80.522	713.482	90.7	8.861	0.397
9/4/2014 6:34	2	80.769	716.646	91.1	8.873	0.396
9/4/2014 6:34	2	80.522	680.26	90.3	8.448	0.416
9/4/2014 6:33	2	80.522	681.842	90.4	8.468	0.415
9/4/2014 6:33	2	80.769	680.26	90.3	8.422	0.418
9/4/2014 6:32	2	80.275	683.424	90.7	8.514	0.413
9/4/2014 6:32	2	80.275	710.318	90.4	8.849	0.397
9/4/2014 6:31	2	81.016	713.482	90.7	8.807	0.399
9/4/2014 6:31	2	80.522	713.482	90.7	8.861	0.397
9/4/2014 6:30	2	80.769	683.424	90.7	8.461	0.416
9/4/2014 6:30	2	80.769	683.424	90.7	8.461	0.416
9/4/2014 6:29	2	80.522	686.588	91	8.527	0.412
9/4/2014 6:29	2	81.016	685.006	90.8	8.455	0.416
9/4/2014 6:28	2	80.522	685.006	90.8	8.507	0.413
9/4/2014 6:28	2	80.522	685.006	90.8	8.507	0.413
9/4/2014 6:27	2	80.522	685.006	90.8	8.507	0.413
9/4/2014 6:27	2	80.769	683.424	90.7	8.461	0.416
9/4/2014 6:26	2	80.522	685.006	90.8	8.507	0.413
9/4/2014 6:26	2	80.522	686.588	91	8.527	0.412
9/4/2014 6:25	2	80.275	688.17	91.2	8.573	0.410
9/4/2014 6:25	2	80.275	683.424	90.7	8.514	0.413
9/4/2014 6:24	2	80.275	688.17	91.2	8.573	0.410
9/4/2014 6:24	2	80.522	688.17	91.2	8.546	0.412
9/4/2014 6:23	2	80.028	683.424	90.7	8.540	0.412
9/4/2014 6:23	2	80.028	686.588	91	8.579	0.410
9/4/2014 6:22	2	80.028	686.588	91.1	8.579	0.410
9/4/2014 6:22	2	80.275	686.588	91	8.553	0.411
9/4/2014 6:21	2	80.769	681.842	90.4	8.442	0.417
9/4/2014 6:21	2	80.522	680.26	90.3	8.448	0.416
9/4/2014 6:20	2	80.028	681.842	90.4	8.520	0.413
9/4/2014 6:20	2	79.781	683.424	90.7	8.566	0.411
9/4/2014 6:19	2	79.287	685.006	90.8	8.640	0.407
9/4/2014 6:19	2	80.028	685.006	90.8	8.560	0.411
9/4/2014 6:18	2	80.028	685.006	90.8	8.560	0.411
9/4/2014 6:18	2	80.028	683.424	90.7	8.540	0.412
9/4/2014 6:17	2	79.534	683.424	90.7	8.593	0.409
9/4/2014 6:17	2	79.287	680.26	90.3	8.580	0.410
9/4/2014 6:16	2	79.534	686.588	91	8.633	0.407
9/4/2014 6:16	2	79.534	683.424	90.7	8.593	0.409
9/4/2014 6:15	2	79.287	683.424	90.7	8.620	0.408
9/4/2014 6:15	2	79.287	681.842	90.4	8.600	0.409
9/4/2014 6:14	2	78.793	683.424	90.7	8.674	0.405
9/4/2014 6:14	2	78.299	683.424	90.7	8.728	0.403
9/4/2014 6:13	2	78.546	683.424	90.7	8.701	0.404
9/4/2014 6:13	2	77.558	686.588	91	8.853	0.397
9/4/2014 6:12	2	77.311	681.842	90.4	8.819	0.399
9/4/2014 6:12	2	76.817	680.26	90.3	8.856	0.397
9/4/2014 6:11	2	76.57	681.842	90.4	8.905	0.395
9/4/2014 6:11	2	76.817	683.424	90.7	8.897	0.395
9/4/2014 6:10	2	76.817	683.424	90.7	8.897	0.395
9/4/2014 6:10	2	77.064	683.424	90.7	8.868	0.397
9/4/2014 6:09	2	76.817	680.26	90.3	8.856	0.397

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 6:09	2	76.817	681.842	90.4	8.876	0.396
9/4/2014 6:08	2	76.076	680.26	90.3	8.942	0.393
9/4/2014 6:08	2	75.829	680.26	90.2	8.971	0.392
9/4/2014 6:07	2	76.076	678.678	89.9	8.921	0.394
9/4/2014 6:07	2	76.817	680.26	90.2	8.856	0.397
9/4/2014 6:06	2	76.817	680.26	90.2	8.856	0.397
9/4/2014 6:06	2	76.076	680.26	90.2	8.942	0.393
9/4/2014 6:05	2	75.829	680.26	90.2	8.971	0.392
9/4/2014 6:05	2	75.582	680.26	90.3	9.000	0.391
9/4/2014 6:04	2	75.335	678.678	89.9	9.009	0.390
9/4/2014 6:04	2	74.841	680.26	90.3	9.089	0.387
9/4/2014 6:03	2	74.841	680.26	90.3	9.089	0.387
9/4/2014 6:03	2	74.594	680.26	90.2	9.120	0.386
9/4/2014 6:02	2	74.347	677.096	89.8	9.107	0.386
9/4/2014 6:02	2	74.347	678.678	89.9	9.129	0.385
9/4/2014 6:01	2	74.1	650.202	89.9	8.775	0.401
9/4/2014 6:01	2	74.1	650.202	89.9	8.775	0.401
9/4/2014 6:00	2	73.359	648.62	89.8	8.842	0.398
9/4/2014 6:00	2	73.853	650.202	89.9	8.804	0.399
9/4/2014 5:59	2	73.853	653.366	90.3	8.847	0.398
9/4/2014 5:59	2	73.112	651.784	90.2	8.915	0.395
9/4/2014 5:58	2	73.112	648.62	89.8	8.872	0.396
9/4/2014 5:58	2	72.865	651.784	90.2	8.945	0.393
9/4/2014 5:57	2	72.618	645.456	89.4	8.888	0.396
9/4/2014 5:57	2	72.865	647.038	89.5	8.880	0.396
9/4/2014 5:56	2	72.865	647.038	89.5	8.880	0.396
9/4/2014 5:56	2	72.371	645.456	89.2	8.919	0.394
9/4/2014 5:55	2	72.618	645.456	89.4	8.888	0.396
9/4/2014 5:55	2	72.371	645.456	89.2	8.919	0.394
9/4/2014 5:54	2	72.618	645.456	89.2	8.888	0.396
9/4/2014 5:54	2	72.124	645.456	89.4	8.949	0.393
9/4/2014 5:53	2	71.63	647.038	89.5	9.033	0.389
9/4/2014 5:53	2	71.383	645.456	89.4	9.042	0.389
9/4/2014 5:52	2	71.383	647.038	89.5	9.064	0.388
9/4/2014 5:52	2	71.136	648.62	89.6	9.118	0.386
9/4/2014 5:51	2	70.889	647.038	89.5	9.127	0.385
9/4/2014 5:51	2	70.148	645.456	89.2	9.201	0.382
9/4/2014 5:50	2	70.148	647.038	89.5	9.224	0.381
9/4/2014 5:50	2	70.395	645.456	89.4	9.169	0.384
9/4/2014 5:49	2	69.901	645.456	89.4	9.234	0.381
9/4/2014 5:49	2	69.654	645.456	89.2	9.267	0.380
9/4/2014 5:48	2	69.654	645.456	89.2	9.267	0.380
9/4/2014 5:48	2	69.16	647.038	89.5	9.356	0.376
9/4/2014 5:47	2	68.419	620.144	89.6	9.064	0.388
9/4/2014 5:47	2	68.913	621.726	89.8	9.022	0.390
9/4/2014 5:46	2	68.913	616.98	89.2	8.953	0.393
9/4/2014 5:46	2	68.172	616.98	89.2	9.050	0.389
9/4/2014 5:45	2	68.172	618.562	89.4	9.074	0.388
9/4/2014 5:45	2	67.925	616.98	89.2	9.083	0.387
9/4/2014 5:44	2	68.419	616.98	89.2	9.018	0.390
9/4/2014 5:44	2	68.419	616.98	89.2	9.018	0.390
9/4/2014 5:43	2	68.172	618.562	89.5	9.074	0.388
9/4/2014 5:43	2	68.419	615.398	89.1	8.995	0.391
9/4/2014 5:42	2	67.431	620.144	89.6	9.197	0.382
9/4/2014 5:42	2	67.678	591.668	89.5	8.742	0.402
9/4/2014 5:41	2	66.937	615.398	89.1	9.194	0.383
9/4/2014 5:41	2	66.443	616.98	89.2	9.286	0.379
9/4/2014 5:40	2	66.937	618.562	89.4	9.241	0.381
9/4/2014 5:40	2	66.443	620.144	89.6	9.333	0.377
9/4/2014 5:39	2	66.443	590.086	89.4	8.881	0.396
9/4/2014 5:39	2	67.925	618.562	89.4	9.107	0.386
9/4/2014 5:38	2	67.678	621.726	89.9	9.187	0.383
9/4/2014 5:38	2	67.431	616.98	89.2	9.150	0.384
9/4/2014 5:37	2	67.925	618.562	89.5	9.107	0.386

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 5:37	2	68.666	621.726	89.8	9.054	0.388
9/4/2014 5:36	2	68.419	620.144	89.6	9.064	0.388
9/4/2014 5:36	2	68.666	647.038	89.5	9.423	0.373
9/4/2014 5:35	2	69.654	648.62	89.6	9.312	0.378
9/4/2014 5:35	2	70.148	645.456	89.4	9.201	0.382
9/4/2014 5:34	2	71.63	645.456	89.4	9.011	0.390
9/4/2014 5:34	2	71.877	645.456	89.4	8.980	0.392
9/4/2014 5:33	2	72.618	677.096	89.8	9.324	0.377
9/4/2014 5:33	2	73.606	675.514	89.5	9.177	0.383
9/4/2014 5:32	2	74.1	675.514	89.5	9.116	0.386
9/4/2014 5:32	2	75.829	675.514	89.5	8.908	0.395
9/4/2014 5:31	2	77.558	675.514	89.5	8.710	0.404
9/4/2014 5:31	2	78.546	705.572	89.8	8.983	0.392
9/4/2014 5:30	2	80.028	702.408	89.5	8.777	0.401
9/4/2014 5:30	2	81.51	702.408	89.5	8.617	0.408
9/4/2014 5:29	2	83.733	729.302	89.2	8.710	0.404
9/4/2014 5:29	2	85.215	729.302	89.4	8.558	0.411
9/4/2014 5:28	2	87.191	757.778	89.2	8.691	0.405
9/4/2014 5:28	2	91.884	787.836	89.5	8.574	0.410
9/4/2014 5:27	2	96.083	816.312	89.5	8.496	0.414
9/4/2014 5:27	2	100.776	844.788	89.5	8.383	0.420
9/4/2014 5:26	2	105.222	871.682	89.4	8.284	0.425
9/4/2014 5:26	2	108.68	901.74	89.6	8.297	0.424
9/4/2014 5:25	2	114.855	928.634	89.5	8.085	0.435
9/4/2014 5:25	2	119.548	958.692	89.6	8.019	0.439
9/4/2014 5:24	2	126.464	985.586	89.5	7.793	0.451
9/4/2014 5:24	2	133.133	1010.898	89.4	7.593	0.463
9/4/2014 5:23	2	139.802	1010.898	89.4	7.231	0.486
9/4/2014 5:23	2	144.742	1014.062	89.6	7.006	0.502
9/4/2014 5:22	2	144.495	1012.48	89.5	7.007	0.502
9/4/2014 5:22	2	141.037	985.586	89.6	6.988	0.503
9/4/2014 5:21	2	140.049	982.422	89.2	7.015	0.501
9/4/2014 5:21	2	136.344	955.528	89.5	7.008	0.502
9/4/2014 5:20	2	134.368	955.528	89.5	7.111	0.495
9/4/2014 5:20	2	131.404	930.216	89.6	7.079	0.497
9/4/2014 5:19	2	128.193	928.634	89.5	7.244	0.486
9/4/2014 5:19	2	126.464	922.306	89	7.293	0.482
9/4/2014 5:18	2	121.524	866.936	89	7.134	0.493
9/4/2014 5:18	2	116.09	868.518	89.2	7.481	0.470
9/4/2014 5:17	2	110.162	843.206	89.4	7.654	0.459
9/4/2014 5:17	2	103.246	786.254	89.4	7.615	0.462
9/4/2014 5:16	2	97.565	756.196	89.1	7.751	0.454
9/4/2014 5:16	2	93.119	730.884	89.5	7.849	0.448
9/4/2014 5:15	2	88.92	700.826	89.2	7.882	0.446
9/4/2014 5:15	2	86.203	673.932	89.4	7.818	0.450
9/4/2014 5:14	2	85.215	590.086	89.4	6.925	0.508
9/4/2014 5:14	2	75.829	531.552	88.8	7.010	0.502
9/4/2014 5:13	2	73.606	503.076	89	6.835	0.515
9/4/2014 5:13	2	76.57	449.288	89.2	5.868	0.599
9/4/2014 5:12	2	43.472	529.97	88.7	12.191	0.288
9/4/2014 5:12	2	59.033	613.816	88.8	10.398	0.338
9/4/2014 5:11	1	62.738	580.594	80.3	9.254	0.380
9/4/2014 5:11	1	61.256	496.748	68.8	8.109	0.434
9/4/2014 5:10	1	59.033	498.33	68.9	8.442	0.417
9/4/2014 5:10	1	56.316	474.6	68.5	8.427	0.417
9/4/2014 5:09	1	53.846	452.452	68.5	8.403	0.419
9/4/2014 5:09	1	52.117	455.616	69	8.742	0.402
9/4/2014 5:08	1	50.882	430.304	68.5	8.457	0.416
9/4/2014 5:08	1	48.659	431.886	68.8	8.876	0.396
9/4/2014 5:07	1	46.436	409.738	68.5	8.824	0.399
9/4/2014 5:07	1	44.213	389.172	68.8	8.802	0.400
9/4/2014 5:06	1	41.743	408.156	68.4	9.778	0.360
9/4/2014 5:06	1	40.755	390.754	69.1	9.588	0.367
9/4/2014 5:05	1	39.52	367.024	68.8	9.287	0.379

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 5:05	1	38.532	368.606	68.9	9.566	0.368
9/4/2014 5:04	1	38.532	365.442	68.5	9.484	0.371
9/4/2014 5:04	1	38.532	367.024	68.8	9.525	0.369
9/4/2014 5:03	1	38.038	365.442	68.4	9.607	0.366
9/4/2014 5:03	1	38.285	365.442	68.4	9.545	0.368
9/4/2014 5:02	1	38.285	363.86	68.1	9.504	0.370
9/4/2014 5:02	1	38.038	365.442	68.4	9.607	0.366
9/4/2014 5:01	1	38.038	363.86	68.1	9.566	0.368
9/4/2014 5:01	1	38.285	362.278	67.8	9.463	0.372
9/4/2014 5:00	1	38.532	365.442	68.5	9.484	0.371
9/4/2014 5:00	1	38.038	365.442	68.2	9.607	0.366
9/4/2014 4:59	1	37.544	365.442	68.2	9.734	0.361
9/4/2014 4:59	1	37.791	365.442	68.2	9.670	0.364
9/4/2014 4:58	1	37.544	365.442	68.4	9.734	0.361
9/4/2014 4:58	1	37.297	365.442	68.2	9.798	0.359
9/4/2014 4:57	1	37.297	363.86	68.1	9.756	0.361
9/4/2014 4:57	1	37.05	365.442	68.2	9.863	0.357
9/4/2014 4:56	1	37.297	365.442	68.2	9.798	0.359
9/4/2014 4:56	1	37.05	365.442	68.2	9.863	0.357
9/4/2014 4:55	1	36.556	365.442	68.4	9.997	0.352
9/4/2014 4:55	1	36.556	365.442	68.5	9.997	0.352
9/4/2014 4:54	1	36.309	365.442	68.4	10.065	0.349
9/4/2014 4:54	1	36.556	365.442	68.4	9.997	0.352
9/4/2014 4:53	1	36.556	343.294	68.2	9.391	0.375
9/4/2014 4:53	1	36.062	341.712	68.1	9.476	0.371
9/4/2014 4:52	1	35.815	343.294	68.2	9.585	0.367
9/4/2014 4:52	1	35.568	346.458	68.9	9.741	0.361
9/4/2014 4:51	1	35.568	343.294	68.4	9.652	0.364
9/4/2014 4:51	1	35.568	341.712	67.8	9.607	0.366
9/4/2014 4:50	1	35.321	343.294	68.4	9.719	0.362
9/4/2014 4:50	1	35.568	341.712	68.1	9.607	0.366
9/4/2014 4:49	1	34.827	341.712	68.1	9.812	0.358
9/4/2014 4:49	1	34.333	343.294	68.4	9.999	0.352
9/4/2014 4:48	1	34.333	343.294	68.2	9.999	0.352
9/4/2014 4:48	1	34.333	343.294	68.2	9.999	0.352
9/4/2014 4:47	1	33.839	341.712	68.1	10.098	0.348
9/4/2014 4:47	1	33.592	341.712	67.8	10.172	0.346
9/4/2014 4:46	1	33.345	343.294	68.4	10.295	0.342
9/4/2014 4:46	1	33.098	341.712	68.1	10.324	0.341
9/4/2014 4:45	1	32.604	322.728	68.2	9.898	0.355
9/4/2014 4:45	1	32.357	322.728	68.2	9.974	0.353
9/4/2014 4:44	1	32.357	324.31	68.8	10.023	0.351
9/4/2014 4:44	1	32.357	319.564	67.8	9.876	0.356
9/4/2014 4:43	1	31.863	322.728	68.2	10.129	0.347
9/4/2014 4:43	1	31.616	322.728	68.4	10.208	0.345
9/4/2014 4:42	1	31.369	322.728	68.2	10.288	0.342
9/4/2014 4:42	1	30.875	322.728	68.5	10.453	0.336
9/4/2014 4:41	1	30.628	322.728	68.2	10.537	0.334
9/4/2014 4:41	1	30.381	322.728	68.4	10.623	0.331
9/4/2014 4:40	1	30.134	322.728	68.2	10.710	0.328
9/4/2014 4:40	1	30.381	319.564	67.8	10.519	0.334
9/4/2014 4:39	1	30.134	321.146	68.1	10.657	0.330
9/4/2014 4:39	1	29.64	319.564	67.8	10.782	0.326
9/4/2014 4:38	1	29.393	322.728	68.2	10.980	0.320
9/4/2014 4:38	1	29.64	297.416	67.8	10.034	0.350
9/4/2014 4:37	1	29.146	300.58	68.2	10.313	0.341
9/4/2014 4:37	1	28.652	300.58	68.2	10.491	0.335
9/4/2014 4:36	1	28.158	300.58	68.4	10.675	0.329
9/4/2014 4:36	1	27.664	300.58	68.5	10.865	0.324
9/4/2014 4:35	1	27.17	276.85	67.8	10.190	0.345
9/4/2014 4:35	1	26.429	300.58	68.4	11.373	0.309
9/4/2014 4:34	1	25.688	297.416	67.8	11.578	0.304
9/4/2014 4:34	1	25.688	278.432	68.1	10.839	0.324
9/4/2014 4:33	1	25.688	278.432	68.2	10.839	0.324



TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 4:33	1	25.441	278.432	68.1	10.944	0.321
9/4/2014 4:32	1	25.441	281.596	68.8	11.069	0.318
9/4/2014 4:32	1	25.194	278.432	68.4	11.052	0.318
9/4/2014 4:31	1	24.947	280.014	68.5	11.224	0.313
9/4/2014 4:31	1	24.947	276.85	67.8	11.098	0.317
9/4/2014 4:30	1	24.7	280.014	68.5	11.337	0.310
9/4/2014 4:30	1	24.453	280.014	68.5	11.451	0.307
9/4/2014 4:29	1	24.206	276.85	67.8	11.437	0.308
9/4/2014 4:29	1	24.206	278.432	68.2	11.503	0.306
9/4/2014 4:28	1	24.453	278.432	68.1	11.386	0.309
9/4/2014 4:28	1	24.7	276.85	67.7	11.209	0.314
9/4/2014 4:27	1	24.453	278.432	68.2	11.386	0.309
9/4/2014 4:27	1	24.453	278.432	68.2	11.386	0.309
9/4/2014 4:26	1	24.206	278.432	68.2	11.503	0.306
9/4/2014 4:26	1	23.465	278.432	68.4	11.866	0.296
9/4/2014 4:25	1	23.465	280.014	68.5	11.933	0.295
9/4/2014 4:25	1	22.971	256.284	68.2	11.157	0.315
9/4/2014 4:24	1	22.971	256.284	68.1	11.157	0.315
9/4/2014 4:24	1	22.724	256.284	68.2	11.278	0.312
9/4/2014 4:23	1	22.477	237.3	68.9	10.557	0.333
9/4/2014 4:23	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 4:22	1	22.23	256.284	68.2	11.529	0.305
9/4/2014 4:22	1	22.23	259.448	68.8	11.671	0.301
9/4/2014 4:21	1	22.23	256.284	68.1	11.529	0.305
9/4/2014 4:21	1	22.477	256.284	68.2	11.402	0.308
9/4/2014 4:20	1	22.23	259.448	68.8	11.671	0.301
9/4/2014 4:20	1	22.477	257.866	68.4	11.472	0.307
9/4/2014 4:19	1	22.23	256.284	68.2	11.529	0.305
9/4/2014 4:19	1	22.477	256.284	68.1	11.402	0.308
9/4/2014 4:18	1	22.477	256.284	68.1	11.402	0.308
9/4/2014 4:18	1	22.477	256.284	68.2	11.402	0.308
9/4/2014 4:17	1	22.477	257.866	68.4	11.472	0.307
9/4/2014 4:17	1	22.477	256.284	67.8	11.402	0.308
9/4/2014 4:16	1	22.477	256.284	68.2	11.402	0.308
9/4/2014 4:16	1	22.477	257.866	68.4	11.472	0.307
9/4/2014 4:15	1	22.477	256.284	67.8	11.402	0.308
9/4/2014 4:15	1	22.477	256.284	68.2	11.402	0.308
9/4/2014 4:14	1	22.23	257.866	68.5	11.600	0.303
9/4/2014 4:14	1	22.724	259.448	68.8	11.417	0.308
9/4/2014 4:13	1	22.724	256.284	68.1	11.278	0.312
9/4/2014 4:13	1	22.724	256.284	68.2	11.278	0.312
9/4/2014 4:12	1	22.724	257.866	68.4	11.348	0.310
9/4/2014 4:12	1	22.724	256.284	67.8	11.278	0.312
9/4/2014 4:11	1	22.477	257.866	68.5	11.472	0.307
9/4/2014 4:11	1	22.724	257.866	68.4	11.348	0.310
9/4/2014 4:10	1	22.477	256.284	68.1	11.402	0.308
9/4/2014 4:10	1	22.724	257.866	68.4	11.348	0.310
9/4/2014 4:09	1	22.477	235.718	68.2	10.487	0.335
9/4/2014 4:09	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 4:08	1	22.724	237.3	68.8	10.443	0.337
9/4/2014 4:08	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 4:07	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 4:07	1	22.724	235.718	68.2	10.373	0.339
9/4/2014 4:06	1	22.724	237.3	68.9	10.443	0.337
9/4/2014 4:06	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 4:05	1	22.477	235.718	68.1	10.487	0.335
9/4/2014 4:05	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 4:04	1	22.724	235.718	68.2	10.373	0.339
9/4/2014 4:04	1	22.724	237.3	68.8	10.443	0.337
9/4/2014 4:03	1	22.477	238.882	69	10.628	0.331
9/4/2014 4:03	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 4:02	1	22.724	235.718	68.2	10.373	0.339
9/4/2014 4:02	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 4:01	1	22.477	235.718	68.2	10.487	0.335

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 4:01	1	22.724	237.3	68.5	10.443	0.337
9/4/2014 4:00	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 4:00	1	22.477	257.866	68.4	11.472	0.307
9/4/2014 3:59	1	22.477	256.284	68.1	11.402	0.308
9/4/2014 3:59	1	22.477	259.448	68.8	11.543	0.305
9/4/2014 3:58	1	22.724	257.866	68.4	11.348	0.310
9/4/2014 3:58	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 3:57	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 3:57	1	22.724	237.3	68.5	10.443	0.337
9/4/2014 3:56	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 3:56	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 3:55	1	22.477	235.718	68.2	10.487	0.335
9/4/2014 3:55	1	22.724	237.3	68.8	10.443	0.337
9/4/2014 3:54	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 3:54	1	22.724	235.718	68.2	10.373	0.339
9/4/2014 3:53	1	22.477	238.882	69	10.628	0.331
9/4/2014 3:53	1	22.724	235.718	68.1	10.373	0.339
9/4/2014 3:52	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 3:52	1	22.724	235.718	68.4	10.373	0.339
9/4/2014 3:51	1	22.724	237.3	68.8	10.443	0.337
9/4/2014 3:51	1	22.724	235.718	68.2	10.373	0.339
9/4/2014 3:50	1	22.477	259.448	68.9	11.543	0.305
9/4/2014 3:50	1	22.477	259.448	68.9	11.543	0.305
9/4/2014 3:49	1	22.724	257.866	68.5	11.348	0.310
9/4/2014 3:49	1	22.724	259.448	68.8	11.417	0.308
9/4/2014 3:48	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 3:48	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 3:47	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 3:47	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 3:46	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 3:46	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 3:45	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 3:45	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 3:44	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 3:44	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 3:43	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 3:43	1	22.477	237.3	68.8	10.557	0.333
9/4/2014 3:42	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:42	1	21.983	237.3	68.8	10.795	0.326
9/4/2014 3:41	1	22.23	237.3	68.8	10.675	0.329
9/4/2014 3:41	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:40	1	21.983	237.3	68.8	10.795	0.326
9/4/2014 3:40	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:39	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:39	1	21.736	237.3	68.8	10.917	0.322
9/4/2014 3:38	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:38	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:37	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:37	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:36	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:36	1	22.23	237.3	68.5	10.675	0.329
9/4/2014 3:35	1	21.983	237.3	68.8	10.795	0.326
9/4/2014 3:35	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:34	1	21.983	235.718	68.4	10.723	0.328
9/4/2014 3:34	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:33	1	21.736	237.3	68.8	10.917	0.322
9/4/2014 3:33	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:32	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:32	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:31	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 3:31	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:30	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:30	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:29	1	21.736	235.718	68.4	10.845	0.324

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 3:29	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:28	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:28	1	21.983	235.718	68.4	10.723	0.328
9/4/2014 3:27	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:27	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:26	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:26	1	21.983	237.3	68.9	10.795	0.326
9/4/2014 3:25	1	21.983	235.718	68.4	10.723	0.328
9/4/2014 3:25	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 3:24	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:24	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:23	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:23	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 3:22	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:22	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:21	1	21.736	259.448	68.8	11.936	0.295
9/4/2014 3:21	1	21.736	257.866	68.4	11.864	0.296
9/4/2014 3:20	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:20	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 3:19	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:19	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:18	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:18	1	21.983	235.718	68.4	10.723	0.328
9/4/2014 3:17	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:17	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:16	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:16	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:15	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:15	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:14	1	21.736	234.136	67.8	10.772	0.327
9/4/2014 3:14	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:13	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:13	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:12	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 3:12	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:11	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:11	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:10	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:10	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:09	1	21.983	235.718	68.4	10.723	0.328
9/4/2014 3:08	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:08	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:07	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:07	1	21.983	234.136	67.8	10.651	0.330
9/4/2014 3:06	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:06	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:05	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 3:05	1	21.983	237.3	68.5	10.795	0.326
9/4/2014 3:04	1	21.983	235.718	68.2	10.723	0.328
9/4/2014 3:04	1	21.983	237.3	68.8	10.795	0.326
9/4/2014 3:03	1	21.736	237.3	68.9	10.917	0.322
9/4/2014 3:03	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 3:02	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 3:02	1	21.489	235.718	68.2	10.969	0.321
9/4/2014 3:01	1	21.489	256.284	68.1	11.926	0.295
9/4/2014 3:01	1	21.489	256.284	68.2	11.926	0.295
9/4/2014 3:00	1	21.736	257.866	68.4	11.864	0.296
9/4/2014 3:00	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 2:59	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:59	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:58	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:58	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:57	1	21.736	237.3	68.5	10.917	0.322
9/4/2014 2:57	1	21.736	237.3	68.5	10.917	0.322

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 2:56	1	21.736	234.136	67.8	10.772	0.327
9/4/2014 2:56	1	21.736	259.448	68.8	11.936	0.295
9/4/2014 2:55	1	21.489	257.866	68.4	12.000	0.293
9/4/2014 2:55	1	21.736	256.284	68.1	11.791	0.298
9/4/2014 2:54	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:54	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:53	1	21.736	237.3	68.8	10.917	0.322
9/4/2014 2:53	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:52	1	21.736	256.284	67.8	11.791	0.298
9/4/2014 2:52	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:51	1	21.736	237.3	68.8	10.917	0.322
9/4/2014 2:51	1	21.736	234.136	67.8	10.772	0.327
9/4/2014 2:50	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:50	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:49	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:49	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:48	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:48	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:47	1	21.983	234.136	67.8	10.651	0.330
9/4/2014 2:47	1	21.736	237.3	68.8	10.917	0.322
9/4/2014 2:46	1	21.489	238.882	69.1	11.116	0.316
9/4/2014 2:46	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:45	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:45	1	21.489	235.718	68.2	10.969	0.321
9/4/2014 2:44	1	21.489	237.3	68.8	11.043	0.318
9/4/2014 2:44	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:43	1	21.736	235.718	68.4	10.845	0.324
9/4/2014 2:43	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:42	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:42	1	21.489	237.3	68.5	11.043	0.318
9/4/2014 2:41	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:41	1	21.489	237.3	68.8	11.043	0.318
9/4/2014 2:40	1	21.489	237.3	68.5	11.043	0.318
9/4/2014 2:40	1	21.489	235.718	68.2	10.969	0.321
9/4/2014 2:39	1	21.242	235.718	68.4	11.097	0.317
9/4/2014 2:39	1	21.489	235.718	68.2	10.969	0.321
9/4/2014 2:38	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:38	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:37	1	21.242	235.718	68.2	11.097	0.317
9/4/2014 2:37	1	21.489	237.3	68.9	11.043	0.318
9/4/2014 2:36	1	21.489	235.718	68.4	10.969	0.321
9/4/2014 2:36	1	21.489	237.3	68.5	11.043	0.318
9/4/2014 2:35	1	21.242	235.718	68.1	11.097	0.317
9/4/2014 2:35	1	21.242	235.718	68.2	11.097	0.317
9/4/2014 2:34	1	21.242	235.718	68.4	11.097	0.317
9/4/2014 2:34	1	21.242	235.718	68.2	11.097	0.317
9/4/2014 2:33	1	20.995	235.718	68.2	11.227	0.313
9/4/2014 2:33	1	21.242	215.152	68.5	10.129	0.347
9/4/2014 2:32	1	21.242	213.57	68.2	10.054	0.350
9/4/2014 2:32	1	20.995	213.57	68.2	10.172	0.346
9/4/2014 2:31	1	20.995	213.57	68.2	10.172	0.346
9/4/2014 2:31	1	20.995	213.57	68.2	10.172	0.346
9/4/2014 2:30	1	21.242	213.57	68.2	10.054	0.350
9/4/2014 2:30	1	20.995	213.57	67.8	10.172	0.346
9/4/2014 2:29	1	20.995	213.57	67.8	10.172	0.346
9/4/2014 2:29	1	21.242	213.57	68.1	10.054	0.350
9/4/2014 2:28	1	20.748	213.57	68.2	10.294	0.342
9/4/2014 2:28	1	20.748	213.57	67.8	10.294	0.342
9/4/2014 2:27	1	20.748	213.57	67.8	10.294	0.342
9/4/2014 2:27	1	20.748	215.152	68.5	10.370	0.339
9/4/2014 2:26	1	20.748	215.152	68.5	10.370	0.339
9/4/2014 2:26	1	20.748	213.57	68.2	10.294	0.342
9/4/2014 2:25	1	20.748	215.152	68.4	10.370	0.339
9/4/2014 2:25	1	20.501	213.57	67.8	10.418	0.338

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 2:24	1	20.501	213.57	68.2	10.418	0.338
9/4/2014 2:24	1	20.501	215.152	68.5	10.495	0.335
9/4/2014 2:23	1	20.748	213.57	68.1	10.294	0.342
9/4/2014 2:23	1	20.254	213.57	68.2	10.545	0.334
9/4/2014 2:22	1	20.501	213.57	68.2	10.418	0.338
9/4/2014 2:22	1	20.501	213.57	67.8	10.418	0.338
9/4/2014 2:21	1	20.501	213.57	68.1	10.418	0.338
9/4/2014 2:21	1	20.254	213.57	68.2	10.545	0.334
9/4/2014 2:20	1	20.254	215.152	68.4	10.623	0.331
9/4/2014 2:20	1	20.254	215.152	68.5	10.623	0.331
9/4/2014 2:19	1	20.254	215.152	68.4	10.623	0.331
9/4/2014 2:19	1	20.254	234.136	67.8	11.560	0.304
9/4/2014 2:18	1	20.254	235.718	68.2	11.638	0.302
9/4/2014 2:18	1	20.254	235.718	68.1	11.638	0.302
9/4/2014 2:17	1	20.254	235.718	68.1	11.638	0.302
9/4/2014 2:17	1	20.254	235.718	68.4	11.638	0.302
9/4/2014 2:16	1	20.254	234.136	67.8	11.560	0.304
9/4/2014 2:16	1	20.501	235.718	68.1	11.498	0.306
9/4/2014 2:15	1	20.501	235.718	68.2	11.498	0.306
9/4/2014 2:15	1	20.501	235.718	68.2	11.498	0.306
9/4/2014 2:14	1	20.501	235.718	68.4	11.498	0.306
9/4/2014 2:14	1	20.254	235.718	68.4	11.638	0.302
9/4/2014 2:13	1	20.501	237.3	68.5	11.575	0.304
9/4/2014 2:13	1	20.501	235.718	68.1	11.498	0.306
9/4/2014 2:12	1	20.501	235.718	68.2	11.498	0.306
9/4/2014 2:12	1	20.748	234.136	67.8	11.285	0.312
9/4/2014 2:11	1	20.748	235.718	68.1	11.361	0.310
9/4/2014 2:11	1	20.995	235.718	68.1	11.227	0.313
9/4/2014 2:10	1	20.995	235.718	68.4	11.227	0.313
9/4/2014 2:10	1	20.748	237.3	68.5	11.437	0.308
9/4/2014 2:09	1	20.995	235.718	68.2	11.227	0.313
9/4/2014 2:09	1	20.748	235.718	68.2	11.361	0.310
9/4/2014 2:08	1	21.242	237.3	68.5	11.171	0.315
9/4/2014 2:08	1	21.242	235.718	68.1	11.097	0.317
9/4/2014 2:07	1	21.242	235.718	68.2	11.097	0.317
9/4/2014 2:07	1	21.242	235.718	68.1	11.097	0.317
9/4/2014 2:06	1	21.489	234.136	67.8	10.896	0.323
9/4/2014 2:06	1	21.242	234.136	67.8	11.022	0.319
9/4/2014 2:05	1	21.736	235.718	68.1	10.845	0.324
9/4/2014 2:05	1	21.736	235.718	68.2	10.845	0.324
9/4/2014 2:04	1	21.983	234.136	67.8	10.651	0.330
9/4/2014 2:04	1	22.23	234.136	67.8	10.532	0.334
9/4/2014 2:03	1	22.23	235.718	68.1	10.604	0.332
9/4/2014 2:03	1	22.23	235.718	68.2	10.604	0.332
9/4/2014 2:02	1	22.477	237.3	68.5	10.557	0.333
9/4/2014 2:02	1	22.477	235.718	68.2	10.487	0.335
9/4/2014 2:01	1	22.477	235.718	68.4	10.487	0.335
9/4/2014 2:01	1	22.971	237.3	68.5	10.330	0.340
9/4/2014 2:00	1	23.218	234.136	67.8	10.084	0.349
9/4/2014 2:00	1	22.971	257.866	68.5	11.226	0.313
9/4/2014 1:59	1	23.218	278.432	68.2	11.992	0.293
9/4/2014 1:59	1	23.465	278.432	68.1	11.866	0.296
9/4/2014 1:58	1	24.206	278.432	68.1	11.503	0.306
9/4/2014 1:58	1	24.947	256.284	67.8	10.273	0.342
9/4/2014 1:57	1	25.194	257.866	68.4	10.235	0.344
9/4/2014 1:57	1	25.441	276.85	67.8	10.882	0.323
9/4/2014 1:56	1	25.194	276.85	67.7	10.989	0.320
9/4/2014 1:56	1	25.194	278.432	68.4	11.052	0.318
9/4/2014 1:55	1	24.947	278.432	68.2	11.161	0.315
9/4/2014 1:55	1	24.947	278.432	68.4	11.161	0.315
9/4/2014 1:54	1	25.194	278.432	68.1	11.052	0.318
9/4/2014 1:54	1	24.947	280.014	68.5	11.224	0.313
9/4/2014 1:53	1	25.194	281.596	68.8	11.177	0.315
9/4/2014 1:53	1	25.194	276.85	67.8	10.989	0.320

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW)	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 1:52	1	25.441	276.85	67.8	10.882	0.323
9/4/2014 1:52	1	25.441	256.284	68.1	10.074	0.349
9/4/2014 1:51	1	25.441	256.284	68.1	10.074	0.349
9/4/2014 1:51	1	25.194	256.284	68.2	10.172	0.346
9/4/2014 1:50	1	25.441	278.432	68.4	10.944	0.321
9/4/2014 1:50	1	25.194	278.432	68.2	11.052	0.318
9/4/2014 1:49	1	25.441	278.432	68.4	10.944	0.321
9/4/2014 1:49	1	25.441	278.432	68.2	10.944	0.321
9/4/2014 1:48	1	25.441	278.432	68.2	10.944	0.321
9/4/2014 1:48	1	25.688	278.432	68.2	10.839	0.324
9/4/2014 1:47	1	25.194	276.85	67.8	10.989	0.320
9/4/2014 1:47	1	25.688	276.85	67.8	10.777	0.326
9/4/2014 1:46	1	25.441	278.432	68.4	10.944	0.321
9/4/2014 1:46	1	25.688	278.432	68.1	10.839	0.324
9/4/2014 1:45	1	25.688	276.85	67.8	10.777	0.326
9/4/2014 1:45	1	25.441	278.432	68.1	10.944	0.321
9/4/2014 1:44	1	25.688	278.432	68.1	10.839	0.324
9/4/2014 1:44	1	25.688	278.432	68.2	10.839	0.324
9/4/2014 1:43	1	25.935	278.432	68.1	10.736	0.328
9/4/2014 1:43	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:42	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:42	1	25.935	257.866	68.4	9.943	0.354
9/4/2014 1:41	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:41	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:40	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:40	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:39	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:39	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:38	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:38	1	25.935	276.85	67.8	10.675	0.329
9/4/2014 1:37	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:37	1	25.688	276.85	67.8	10.777	0.326
9/4/2014 1:36	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:36	1	26.182	278.432	68.1	10.634	0.331
9/4/2014 1:35	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:35	1	26.182	278.432	68.2	10.634	0.331
9/4/2014 1:34	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:34	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:33	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:33	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:32	1	25.935	278.432	68.2	10.736	0.328

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 1:32	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:31	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:31	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 1:30	1	26.182	300.58	68.2	11.480	0.306
9/4/2014 1:30	1	26.182	300.58	68.1	11.480	0.306
9/4/2014 1:29	1	25.935	300.58	68.2	11.590	0.303
9/4/2014 1:29	1	26.182	300.58	68.4	11.480	0.306
9/4/2014 1:28	1	26.429	300.58	68.2	11.373	0.309
9/4/2014 1:28	1	26.182	300.58	68.5	11.480	0.306
9/4/2014 1:27	1	26.182	300.58	68.5	11.480	0.306
9/4/2014 1:27	1	26.182	300.58	68.4	11.480	0.306
9/4/2014 1:26	1	26.182	300.58	68.4	11.480	0.306
9/4/2014 1:26	1	26.182	300.58	68.5	11.480	0.306
9/4/2014 1:25	1	26.429	300.58	68.2	11.373	0.309
9/4/2014 1:25	1	26.429	300.58	68.5	11.373	0.309
9/4/2014 1:24	1	26.429	303.744	68.9	11.493	0.306
9/4/2014 1:24	1	26.676	281.596	68.8	10.556	0.333
9/4/2014 1:23	1	26.676	278.432	68.4	10.438	0.337
9/4/2014 1:23	1	26.182	280.014	68.5	10.695	0.329
9/4/2014 1:22	1	26.429	280.014	68.5	10.595	0.332
9/4/2014 1:22	1	26.676	280.014	68.5	10.497	0.335
9/4/2014 1:21	1	26.429	303.744	68.8	11.493	0.306
9/4/2014 1:21	1	26.429	300.58	68.4	11.373	0.309
9/4/2014 1:20	1	26.429	300.58	68.4	11.373	0.309
9/4/2014 1:20	1	26.429	300.58	68.5	11.373	0.309
9/4/2014 1:19	1	26.676	281.596	68.9	10.556	0.333
9/4/2014 1:19	1	26.676	278.432	68.4	10.438	0.337
9/4/2014 1:18	1	26.676	281.596	68.8	10.556	0.333
9/4/2014 1:18	1	26.676	281.596	68.8	10.556	0.333
9/4/2014 1:17	1	26.923	281.596	68.8	10.459	0.336
9/4/2014 1:17	1	26.676	281.596	68.9	10.556	0.333
9/4/2014 1:16	1	26.429	281.596	68.9	10.655	0.330
9/4/2014 1:16	1	26.429	283.178	69.1	10.715	0.328
9/4/2014 1:15	1	26.429	280.014	68.5	10.595	0.332
9/4/2014 1:15	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 1:14	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 1:14	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 1:13	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 1:13	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 1:12	1	26.429	283.178	69.1	10.715	0.328
9/4/2014 1:12	1	26.182	281.596	68.8	10.755	0.327
9/4/2014 1:11	1	26.182	280.014	68.5	10.695	0.329
9/4/2014 1:11	1	26.182	281.596	68.8	10.755	0.327
9/4/2014 1:10	1	26.182	283.178	69.1	10.816	0.325
9/4/2014 1:10	1	25.935	281.596	68.8	10.858	0.324
9/4/2014 1:09	1	26.182	281.596	68.9	10.755	0.327
9/4/2014 1:09	1	26.182	281.596	68.9	10.755	0.327
9/4/2014 1:08	1	26.182	281.596	68.8	10.755	0.327
9/4/2014 1:08	1	26.182	281.596	68.8	10.755	0.327
9/4/2014 1:07	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:07	1	26.182	281.596	68.8	10.755	0.327
9/4/2014 1:06	1	26.182	280.014	68.5	10.695	0.329
9/4/2014 1:06	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 1:05	1	26.182	278.432	68.4	10.634	0.331
9/4/2014 1:05	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:04	1	25.935	281.596	68.8	10.858	0.324
9/4/2014 1:04	1	25.935	281.596	68.9	10.858	0.324
9/4/2014 1:03	1	25.688	281.596	68.9	10.962	0.321
9/4/2014 1:03	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 1:02	1	25.935	281.596	68.8	10.858	0.324
9/4/2014 1:02	1	25.688	281.596	68.8	10.962	0.321
9/4/2014 1:01	1	25.935	280.014	68.5	10.797	0.326
9/4/2014 1:01	1	25.935	257.866	68.5	9.943	0.354
9/4/2014 1:00	1	25.935	257.866	68.4	9.943	0.354

TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 1:00	1	25.935	283.178	69.1	10.919	0.322
9/4/2014 0:59	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 0:59	1	25.688	300.58	68.5	11.701	0.301
9/4/2014 0:58	1	25.688	300.58	68.4	11.701	0.301
9/4/2014 0:58	1	25.935	300.58	68.4	11.590	0.303
9/4/2014 0:57	1	25.935	300.58	68.5	11.590	0.303
9/4/2014 0:57	1	25.688	300.58	68.4	11.701	0.301
9/4/2014 0:56	1	25.935	303.744	68.9	11.712	0.300
9/4/2014 0:56	1	25.935	303.744	68.9	11.712	0.300
9/4/2014 0:55	1	25.441	300.58	68.4	11.815	0.298
9/4/2014 0:55	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 0:54	1	25.688	281.596	69	10.962	0.321
9/4/2014 0:54	1	25.688	280.014	68.5	10.901	0.323
9/4/2014 0:53	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 0:53	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 0:52	1	25.935	300.58	68.5	11.590	0.303
9/4/2014 0:52	1	25.935	303.744	68.9	11.712	0.300
9/4/2014 0:51	1	25.935	303.744	69	11.712	0.300
9/4/2014 0:51	1	25.935	303.744	69	11.712	0.300
9/4/2014 0:50	1	25.935	303.744	68.8	11.712	0.300
9/4/2014 0:50	1	26.182	300.58	68.4	11.480	0.306
9/4/2014 0:49	1	25.935	300.58	68.5	11.590	0.303
9/4/2014 0:49	1	25.935	300.58	68.4	11.590	0.303
9/4/2014 0:48	1	25.935	300.58	68.5	11.590	0.303
9/4/2014 0:48	1	25.935	300.58	68.2	11.590	0.303
9/4/2014 0:47	1	25.935	300.58	68.5	11.590	0.303
9/4/2014 0:47	1	26.182	300.58	68.2	11.480	0.306
9/4/2014 0:46	1	26.182	300.58	68.4	11.480	0.306
9/4/2014 0:46	1	26.429	300.58	68.2	11.373	0.309
9/4/2014 0:45	1	26.429	300.58	68.2	11.373	0.309
9/4/2014 0:45	1	26.676	300.58	68.4	11.268	0.312
9/4/2014 0:44	1	26.676	300.58	68.5	11.268	0.312
9/4/2014 0:44	1	26.923	303.744	68.8	11.282	0.312
9/4/2014 0:43	1	26.923	300.58	68.4	11.164	0.315
9/4/2014 0:43	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:42	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:42	1	26.923	303.744	68.8	11.282	0.312
9/4/2014 0:41	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:41	1	26.923	300.58	68.4	11.164	0.315
9/4/2014 0:40	1	26.923	278.432	68.4	10.342	0.340
9/4/2014 0:40	1	27.17	281.596	68.8	10.364	0.339
9/4/2014 0:39	1	26.923	280.014	68.5	10.401	0.338
9/4/2014 0:39	1	27.17	278.432	68.4	10.248	0.343
9/4/2014 0:38	1	27.17	280.014	68.5	10.306	0.341
9/4/2014 0:38	1	27.17	281.596	68.9	10.364	0.339
9/4/2014 0:37	1	27.17	278.432	68.4	10.248	0.343
9/4/2014 0:37	1	27.17	281.596	68.8	10.364	0.339
9/4/2014 0:36	1	27.417	300.58	68.2	10.963	0.321
9/4/2014 0:36	1	27.417	303.744	69	11.079	0.317
9/4/2014 0:35	1	27.17	300.58	68.5	11.063	0.318
9/4/2014 0:35	1	27.17	303.744	69.1	11.179	0.315
9/4/2014 0:34	1	27.17	300.58	68.4	11.063	0.318
9/4/2014 0:34	1	27.17	300.58	68.4	11.063	0.318
9/4/2014 0:33	1	27.17	303.744	68.9	11.179	0.315
9/4/2014 0:33	1	27.17	300.58	68.4	11.063	0.318
9/4/2014 0:32	1	27.17	303.744	68.8	11.179	0.315
9/4/2014 0:32	1	27.17	303.744	68.8	11.179	0.315
9/4/2014 0:31	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:31	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:30	1	26.676	303.744	68.9	11.386	0.309
9/4/2014 0:30	1	26.676	300.58	68.5	11.268	0.312
9/4/2014 0:29	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:29	1	26.676	300.58	68.2	11.268	0.312
9/4/2014 0:28	1	26.676	300.58	68.2	11.268	0.312



TIME	#_Comps_On	Chiler input kW	Chiller Capacity (kW <sub>r</sub> )	CHW_%_Flow	COP	Eff kW/Tr
9/4/2014 0:28	1	26.923	300.58	68.5	11.164	0.315
9/4/2014 0:27	1	26.676	278.432	68.2	10.438	0.337
9/4/2014 0:27	1	26.429	280.014	68.5	10.595	0.332
9/4/2014 0:26	1	26.429	281.596	68.8	10.655	0.330
9/4/2014 0:26	1	26.182	280.014	68.5	10.695	0.329
9/4/2014 0:25	1	25.935	278.432	68.4	10.736	0.328
9/4/2014 0:25	1	25.935	278.432	68.2	10.736	0.328
9/4/2014 0:24	1	25.688	257.866	68.5	10.038	0.350
9/4/2014 0:24	1	25.441	257.866	68.5	10.136	0.347
9/4/2014 0:23	1	25.441	257.866	68.5	10.136	0.347
9/4/2014 0:23	1	25.441	256.284	68.2	10.074	0.349
9/4/2014 0:22	1	25.194	256.284	68.2	10.172	0.346
9/4/2014 0:22	1	24.947	257.866	68.5	10.337	0.340
9/4/2014 0:21	1	24.947	257.866	68.4	10.337	0.340
9/4/2014 0:21	1	24.453	237.3	68.9	9.704	0.362
9/4/2014 0:20	1	23.959	235.718	68.2	9.838	0.357
9/4/2014 0:20	1	23.959	235.718	68.2	9.838	0.357
9/4/2014 0:19	1	23.465	235.718	68.2	10.046	0.350
9/4/2014 0:19	1	23.218	215.152	68.5	9.267	0.380
9/4/2014 0:18	1	22.971	215.152	68.5	9.366	0.375