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TSC404	332.3603	332.3133	331.1180
TSC406	335.7652	336.1381	336.6108
TSC407	335.7652	336.1381	336.6108
TSC409	318.0266	318.5247	318.7556
TSC411	318.0266	318.5247	318.7556
TSC412	318.0266	318.5247	318.7556
TSC414	320.0000	320.0000	275.0000
Utilities	8.2099	8.2075	8.2122
VFC614B	0.1931	0.2123	0.1729
VFC615	0.3589	0.3628	0.3621
VFC616	0.2517	0.1999	0.2203
VFM3	0.4935	0.5135	0.5048
VpC601	1.4979	1.5040	1.4847
VpC603	0.8022	0.7892	0.7884
VpC606A	2.7644	2.8182	2.9974
x10AC09	0.0000	0.0000	0.0000
x10AC20	0.0000	0.0000	0.0000
x10AC31	0.0000	0.0000	0.0000
x10AC42	0.0000	0.0000	0.0000
x11AC02	0.9980	0.9980	0.9980
x11AC05	0.9709	0.9716	0.9716
x11AC07	0.9715	0.9722	0.9722
x11AC09	0.7890	0.8009	0.8072
x11AC15	0.9445	0.9439	0.9449
x11AC18	0.9450	0.9444	0.9453
x11AC20	0.8148	0.8215	0.8196
x11AC26	0.9180	0.9175	0.9168
x11AC29	0.9183	0.9178	0.9170
x11AC31	0.8471	0.8452	0.8455
x11AC37	0.8900	0.8900	0.8900
x11AC40	0.8903	0.8903	0.8903
x11AC42	0.8093	0.8091	0.8050
x12AC02	0.0020	0.0020	0.0020
x12AC05	0.0291	0.0284	0.0284
x12AC07	0.0285	0.0279	0.0279
x12AC09	0.0236	0.0234	0.0236
x12AC12	0.0291	0.0284	0.0284
x12AC15	0.0555	0.0561	0.0551
x12AC18	0.0551	0.0556	0.0547
x12AC20	0.0479	0.0488	0.0478
x12AC23	0.0555	0.0561	0.0551
x12AC26	0.0820	0.0825	0.0832
x12AC29	0.0817	0.0822	0.0830
x12AC31	0.0756	0.0760	0.0768
x12AC34	0.0820	0.0825	0.0832

x12AC37	0.1100	0.1100	0.1100
x12AC40	0.1097	0.1097	0.1097
x12AC42	0.1000	0.1000	0.0995
x12AC45	0.1100	0.1100	0.1100
x1AC09	0.0087	0.0085	0.0082
x1AC20	0.0067	0.0067	0.0066
x1AC31	0.0037	0.0040	0.0040
x1AC42	0.0043	0.0046	0.0045
x1C301	0.0678	0.0709	0.0705
x1C302	0.0582	0.0638	0.0782
x1C303	0.0667	0.0700	0.0712
x1C306	0.0707	0.0740	0.0754
x1C307	0.0707	0.0740	0.0754
x1C308	0.0453	0.0471	0.0490
x1C309	0.0453	0.0471	0.0490
x1C310	0.0914	0.1012	0.1008
x1C311	0.0299	0.0336	0.0344
x1C312	0.1160	0.1212	0.1219
x1C315	0.1160	0.1212	0.1219
x1C317	0.0885	0.0885	0.0888
x1C318	0.0885	0.0885	0.0888
x1C319	0.0885	0.0885	0.0888
x1C320	0.0885	0.0885	0.0888
x1C321	0.0885	0.0885	0.0888
x1C322	0.0885	0.0885	0.0888
x1C323	0.0885	0.0885	0.0888
x1C324	0.0885	0.0885	0.0888
x1C326	1.0000	1.0000	1.0000
x1C328	1.0000	1.0000	1.0000
x1C329	1.0000	1.0000	1.0000
x1C401	0.0152	0.0160	0.0157
x1C402	0.0152	0.0160	0.0157
x1C403	0.0152	0.0160	0.0157
x1C404	0.0152	0.0160	0.0157
x1C405	0.0000	0.0000	0.0000
x1C406	0.0000	0.0000	0.0000
x1C407	0.0000	0.0000	0.0000
x1C408	0.0000	0.0000	0.0000
x1C409	0.0000	0.0000	0.0000
x1C410	0.0001	0.0001	0.0012
x1C411	0.0001	0.0001	0.0012
x1C412	0.0005	0.0005	0.0053
x1C413	0.0005	0.0005	0.0053
x1C414	0.0584	0.0589	0.0617
x1C415	0.0584	0.0589	0.0617
x1C418	0.0560	0.0571	0.0598

x1C419	0.0560	0.0571	0.0598
x1C425	0.0001	0.0001	0.0012
x1C426	0.0001	0.0001	0.0012
x1C427	0.0001	0.0001	0.0015
x1C428	0.0002	0.0001	0.0017
x1C430	0.0002	0.0001	0.0017
x1C431	0.0005	0.0005	0.0053
x1C432	0.0005	0.0005	0.0053
x1HC01	0.0640	0.0735	0.0623
x1HC02	0.0640	0.0735	0.0623
x1HC03	0.0576	0.0588	0.0602
x1HC04	0.0576	0.0588	0.0602
x1HC05	0.0576	0.0588	0.0602
x1HC06	0.0590	0.0620	0.0606
x1HC07	0.0590	0.0620	0.0606
x1HC08	0.0590	0.0620	0.0606
x1HC11	0.0590	0.0620	0.0606
x1HC14	0.0590	0.0620	0.0606
x1HC15	0.0590	0.0620	0.0606
x1HC16	0.0590	0.0620	0.0606
x1HC22	0.0473	0.0501	0.0474
x1HC23	0.0476	0.0502	0.0514
x1HC24	0.0475	0.0501	0.0493
x1HC25	0.0489	0.0519	0.0495
x1HC26	0.0479	0.0507	0.0494
x1HC27	0.0464	0.0482	0.0485
x1HC28	0.0187	0.0192	0.0191
x1HC29	0.0187	0.0192	0.0191
x1HC30	0.0090	0.0095	0.0170
x1HC31	0.0152	0.0160	0.0157
x1HC32	0.0231	0.0255	0.0252
x1HC33	0.0231	0.0255	0.0252
x1HC34	0.0231	0.0255	0.0252
x1HC38	0.0231	0.0255	0.0252
x1HC40	0.0231	0.0255	0.0252
x1HC41	0.0231	0.0255	0.0252
x1HC45	0.0231	0.0255	0.0252
x1R1	0.0187	0.0192	0.0191
x1R29	0.0154	0.0163	0.0148
x1SC401	0.0070	0.0059	0.0062
x1SC404	0.0000	0.0000	0.0000
x1SC405	0.0000	0.0000	0.0000
x1SC406	0.0000	0.0000	0.0000
x1SC407	0.0000	0.0000	0.0000
x1SC409	0.0253	0.0213	0.0200
x1SC411	0.0253	0.0213	0.0200

x1SC412	0.0253	0.0213	0.0200
x1SC413	0.0253	0.0213	0.0200
x1SC414	0.0000	0.1000	0.0000
x2AC09	0.0000	0.0000	0.0000
x2AC20	0.0000	0.0000	0.0000
x2AC31	0.0000	0.0000	0.0000
x2AC42	0.0000	0.0000	0.0000
x2C301	0.0000	0.0000	0.0000
x2C417	0.0211	0.0004	0.0000
x2C418	0.0012	0.0010	0.0009
x2C419	0.0012	0.0010	0.0009
x2HC01	0.1000	0.1000	0.1000
x2HC02	0.1000	0.1000	0.1000
x2HC03	0.0012	0.0010	0.0009
x2HC04	0.0012	0.0010	0.0009
x2HC05	0.0012	0.0010	0.0009
x2HC06	0.0223	0.0224	0.0223
x2HC07	0.0223	0.0224	0.0223
x2HC08	0.0223	0.0224	0.0223
x2HC11	0.0223	0.0224	0.0223
x2HC14	0.0223	0.0224	0.0223
x2HC15	0.0223	0.0224	0.0223
x2HC16	0.0223	0.0224	0.0223
x2HC22	0.0000	0.0000	0.0000
x2HC23	0.0000	0.0000	0.0000
x2HC24	0.0000	0.0000	0.0000
x2HC25	0.0000	0.0000	0.0000
x2HC26	0.0000	0.0000	0.0000
x2HC27	0.0000	0.0000	0.0000
x2HC28	0.0000	0.0000	0.0000
x2HC29	0.0000	0.0000	0.0000
x2HC30	0.0000	0.0000	0.0000
x2HC31	0.0000	0.0000	0.0000
x2R1	0.0000	0.0000	0.0000
x2R29	0.0000	0.0000	0.0000
x2SC401	0.0091	0.0091	0.0000
x2SC404	0.0124	0.0124	0.0000
x2SC405	0.0124	0.0124	0.0000
x2SC406	0.0124	0.0124	0.0000
x2SC407	0.0124	0.0124	0.0000
x2SC409	0.0004	0.0004	0.0000
x2SC411	0.0004	0.0004	0.0000
x2SC412	0.0004	0.0004	0.0000
x2SC413	0.0004	0.0004	0.0000
x2SC414	0.1000	0.1000	0.1000
x3AC09	0.1278	0.1207	0.1152



x3AC20	0.0924	0.0873	0.0898
x3AC31	0.0524	0.0536	0.0520
x3AC42	0.0616	0.0618	0.0655
x3C301	0.7817	0.7800	0.7824
x3C302	0.6019	0.5973	0.7536
x3C303	0.7618	0.7574	0.7795
x3C306	0.7700	0.7633	0.7836
x3C307	0.7700	0.7633	0.7836
x3C308	0.7582	0.7507	0.7805
x3C309	0.7582	0.7507	0.7805
x3C310	0.8124	0.8043	0.8085
x3C311	0.7400	0.7373	0.7726
x3C312	0.7909	0.7856	0.7891
x3C315	0.7909	0.7856	0.7891
x3C317	0.8155	0.8148	0.8188
x3C318	0.8155	0.8148	0.8188
x3C319	0.8155	0.8148	0.8188
x3C320	0.8155	0.8148	0.8188
x3C321	0.8155	0.8148	0.8188
x3C322	0.8155	0.8148	0.8188
x3C323	0.8155	0.8148	0.8188
x3C324	0.8155	0.8148	0.8188
x3C326	0.0000	0.0000	0.0000
x3C328	0.0000	0.0000	0.0000
x3C329	0.0000	0.0000	0.0000
x3C401	0.5127	0.5165	0.5158
x3C402	0.5127	0.5165	0.5158
x3C403	0.5127	0.5165	0.5158
x3C404	0.5127	0.5165	0.5158
x3C405	0.0000	0.0000	0.0001
x3C406	0.0000	0.0000	0.0001
x3C407	0.0000	0.0000	0.0001
x3C408	0.0000	0.0000	0.0001
x3C409	0.0000	0.0000	0.0001
x3C410	0.0003	0.0003	0.0036
x3C411	0.0003	0.0003	0.0036
x3C412	0.0007	0.0007	0.0072
x3C413	0.0007	0.0007	0.0072
x3C414	0.8352	0.8347	0.8304
x3C415	0.8352	0.8347	0.8304
x3C418	0.8383	0.8410	0.8369
x3C419	0.8383	0.8410	0.8369
x3C425	0.0003	0.0003	0.0036
x3C426	0.0003	0.0003	0.0036
x3C427	0.0004	0.0004	0.0047
x3C428	0.0005	0.0005	0.0051

x3C430	0.0005	0.0005	0.0056
x3C431	0.0007	0.0007	0.0072
x3C432	0.0007	0.0007	0.0072
x3HC01	0.0100	0.0155	0.0100
x3HC02	0.0100	0.0155	0.0100
x3HC03	0.8372	0.8396	0.8366
x3HC04	0.8372	0.8396	0.8366
x3HC05	0.8372	0.8396	0.8366
x3HC06	0.6604	0.6612	0.6583
x3HC07	0.6604	0.6612	0.6583
x3HC08	0.6604	0.6612	0.6583
x3HC11	0.6604	0.6612	0.6583
x3HC14	0.6604	0.6612	0.6583
x3HC15	0.6604	0.6612	0.6583
x3HC16	0.6604	0.6612	0.6583
x3HC22	0.6788	0.6800	0.6858
x3HC23	0.6776	0.6795	0.6693
x3HC24	0.6782	0.6797	0.6780
x3HC25	0.6727	0.6729	0.6769
x3HC26	0.6765	0.6775	0.6777
x3HC27	0.6823	0.6871	0.6812
x3HC28	0.5685	0.5661	0.5665
x3HC29	0.5685	0.5661	0.5665
x3HC30	0.3576	0.3579	0.5375
x3HC31	0.5127	0.5165	0.5158
x3HC32	0.7731	0.7750	0.7765
x3HC33	0.7731	0.7750	0.7765
x3HC34	0.7731	0.7750	0.7765
x3HC38	0.7731	0.7750	0.7765
x3HC40	0.7731	0.7750	0.7765
x3HC41	0.7731	0.7750	0.7765
x3HC45	0.7731	0.7750	0.7765
x3R1	0.5685	0.5661	0.5665
x3R29	0.5188	0.5227	0.4999
x3SC401	0.2788	0.2799	0.3180
x3SC404	0.0192	0.0193	0.0231
x3SC405	0.0192	0.0193	0.0231
x3SC406	0.0192	0.0193	0.0231
x3SC407	0.0192	0.0193	0.0231
x3SC409	0.9606	0.9638	0.9732
x3SC411	0.9606	0.9638	0.9732
x3SC412	0.9606	0.9638	0.9732
x3SC413	0.9606	0.9638	0.9732
x3SC414	0.6000	0.5000	0.5000
x4AC09	0.0195	0.0183	0.0176
x4AC20	0.0140	0.0131	0.0137

x4AC31	0.0080	0.0081	0.0079
x4AC42	0.0094	0.0093	0.0100
x4C301	0.1034	0.1028	0.1033
x4C302	0.0607	0.0593	0.0756
x4C303	0.0986	0.0974	0.1005
x4C306	0.0962	0.0953	0.0978
x4C307	0.0962	0.0953	0.0978
x4C308	0.1056	0.1047	0.1085
x4C309	0.1056	0.1047	0.1085
x4C310	0.0835	0.0815	0.0815
x4C311	0.1130	0.1104	0.1161
x4C312	0.0795	0.0790	0.0791
x4C315	0.0795	0.0790	0.0791
x4C317	0.0820	0.0819	0.0820
x4C318	0.0820	0.0819	0.0820
x4C319	0.0820	0.0819	0.0820
x4C320	0.0820	0.0819	0.0820
x4C321	0.0820	0.0819	0.0820
x4C322	0.0820	0.0819	0.0820
x4C323	0.0820	0.0819	0.0820
x4C324	0.0820	0.0819	0.0820
x4C325	0.0000	0.0000	0.0000
x4C326	0.0000	0.0000	0.0000
x4C328	0.0000	0.0000	0.0000
x4C329	0.0000	0.0000	0.0000
x4C401	0.1026	0.1029	0.1035
x4C402	0.1026	0.1029	0.1035
x4C403	0.1026	0.1029	0.1035
x4C404	0.1026	0.1029	0.1035
x4C405	0.0607	0.0572	0.0578
x4C406	0.0607	0.0572	0.0578
x4C407	0.0607	0.0572	0.0578
x4C408	0.0607	0.0572	0.0578
x4C409	0.0607	0.0572	0.0578
x4C410	0.5181	0.5266	0.5433
x4C411	0.5181	0.5266	0.5433
x4C412	0.7876	0.8333	0.8296
x4C413	0.7876	0.8333	0.8296
x4C414	0.0945	0.0945	0.0947
x4C415	0.0945	0.0945	0.0947
x4C418	0.0907	0.0905	0.0907
x4C419	0.0907	0.0905	0.0907
x4C425	0.5181	0.5266	0.5433
x4C426	0.5181	0.5266	0.5433
x4C427	0.6675	0.6743	0.6909
x4C428	0.7334	0.7351	0.7488

x4C430	0.6087	0.6476	0.6496
x4C431	0.7876	0.8333	0.8296
x4C432	0.7876	0.8333	0.8296
x4HC01	0.0831	0.0833	0.0851
x4HC02	0.0831	0.0833	0.0851
x4HC03	0.0903	0.0901	0.0905
x4HC04	0.0903	0.0901	0.0905
x4HC05	0.0903	0.0901	0.0905
x4HC06	0.0887	0.0886	0.0894
x4HC07	0.0887	0.0886	0.0894
x4HC08	0.0887	0.0886	0.0894
x4HC11	0.0887	0.0886	0.0894
x4HC14	0.0887	0.0886	0.0894
x4HC15	0.0887	0.0886	0.0894
x4HC16	0.0887	0.0886	0.0894
x4HC22	0.1032	0.1028	0.1049
x4HC23	0.1031	0.1028	0.1013
x4HC24	0.1031	0.1028	0.1032
x4HC25	0.1018	0.1012	0.1030
x4HC26	0.1027	0.1022	0.1032
x4HC27	0.1040	0.1044	0.1039
x4HC28	0.1077	0.1076	0.1081
x4HC29	0.1077	0.1076	0.1081
x4HC30	0.0788	0.0786	0.1058
x4HC31	0.1026	0.1029	0.1035
x4HC32	0.1255	0.1242	0.1246
x4HC33	0.1255	0.1242	0.1246
x4HC34	0.1255	0.1242	0.1246
x4HC38	0.1255	0.1242	0.1246
x4HC40	0.1255	0.1242	0.1246
x4HC41	0.1255	0.1242	0.1246
x4HC45	0.1255	0.1242	0.1246
x4R1	0.1077	0.1076	0.1081
x4R29	0.1035	0.1039	0.1018
x4SC401	0.5578	0.5578	0.5310
x4SC404	0.7649	0.7648	0.7669
x4SC405	0.7649	0.7648	0.7669
x4SC406	0.7649	0.7648	0.7669
x4SC407	0.7649	0.7648	0.7669
x4SC409	0.0138	0.0146	0.0068
x4SC411	0.0138	0.0146	0.0068
x4SC412	0.0138	0.0146	0.0068
x4SC413	0.0138	0.0146	0.0068
x4SC414	0.1000	0.1000	0.1000
x5AC09	0.0058	0.0053	0.0052
x5AC20	0.0043	0.0040	0.0041

x5AC31	0.0024	0.0024	0.0024
x5AC42	0.0028	0.0028	0.0029
x5C301	0.0183	0.0180	0.0175
x5C302	0.0040	0.0038	0.0048
x5C303	0.0167	0.0162	0.0163
x5C306	0.0150	0.0149	0.0147
x5C307	0.0150	0.0149	0.0147
x5C308	0.0201	0.0201	0.0200
x5C309	0.0201	0.0201	0.0200
x5C310	0.0060	0.0058	0.0055
x5C311	0.0249	0.0237	0.0240
x5C312	0.0058	0.0058	0.0056
x5C315	0.0058	0.0058	0.0056
x5C317	0.0060	0.0060	0.0058
x5C318	0.0060	0.0060	0.0058
x5C319	0.0060	0.0060	0.0058
x5C320	0.0060	0.0060	0.0058
x5C321	0.0060	0.0060	0.0058
x5C322	0.0060	0.0060	0.0058
x5C323	0.0060	0.0060	0.0058
x5C324	0.0060	0.0060	0.0058
x5C325	0.0000	0.0000	0.0000
x5C326	0.0000	0.0000	0.0000
x5C328	0.0000	0.0000	0.0000
x5C329	0.0000	0.0000	0.0000
x5C401	0.0516	0.0511	0.0510
x5C402	0.0516	0.0511	0.0510
x5C403	0.0516	0.0511	0.0510
x5C404	0.0516	0.0511	0.0510
x5C405	0.1329	0.1333	0.1353
x5C406	0.1329	0.1333	0.1353
x5C407	0.1329	0.1333	0.1353
x5C408	0.1329	0.1333	0.1353
x5C409	0.1329	0.1333	0.1353
x5C410	0.0966	0.0940	0.0919
x5C411	0.0966	0.0940	0.0919
x5C412	0.0677	0.0688	0.0647
x5C413	0.0677	0.0688	0.0647
x5C414	0.0013	0.0013	0.0012
x5C415	0.0013	0.0013	0.0012
x5C418	0.0012	0.0012	0.0012
x5C419	0.0012	0.0012	0.0012
x5C425	0.0966	0.0940	0.0919
x5C426	0.0966	0.0940	0.0919
x5C427	0.0847	0.0816	0.0788
x5C428	0.0795	0.0765	0.0736

x5C430	0.0838	0.0842	0.0812
x5C431	0.0677	0.0688	0.0647
x5C432	0.0677	0.0688	0.0647
x5HC01	0.1429	0.1389	0.1426
x5HC02	0.1429	0.1389	0.1426
x5HC03	0.0014	0.0015	0.0013
x5HC04	0.0014	0.0015	0.0013
x5HC05	0.0014	0.0015	0.0013
x5HC06	0.0317	0.0312	0.0317
x5HC07	0.0317	0.0312	0.0317
x5HC08	0.0317	0.0312	0.0317
x5HC11	0.0317	0.0312	0.0317
x5HC14	0.0317	0.0312	0.0317
x5HC15	0.0317	0.0312	0.0317
x5HC16	0.0317	0.0312	0.0317
x5HC22	0.0311	0.0306	0.0304
x5HC23	0.0312	0.0306	0.0308
x5HC24	0.0311	0.0306	0.0306
x5HC25	0.0312	0.0307	0.0306
x5HC26	0.0312	0.0306	0.0306
x5HC27	0.0311	0.0304	0.0305
x5HC28	0.0472	0.0472	0.0469
x5HC29	0.0472	0.0472	0.0469
x5HC30	0.0546	0.0541	0.0495
x5HC31	0.0516	0.0511	0.0510
x5HC32	0.0299	0.0290	0.0281
x5HC33	0.0299	0.0290	0.0281
x5HC34	0.0299	0.0290	0.0281
x5HC38	0.0299	0.0290	0.0281
x5HC40	0.0299	0.0290	0.0281
x5HC41	0.0299	0.0290	0.0281
x5HC45	0.0299	0.0290	0.0281
x5R1	0.0472	0.0472	0.0469
x5R29	0.0515	0.0510	0.0522
x5SC401	0.0724	0.0724	0.0690
x5SC404	0.1000	0.1000	0.1000
x5SC405	0.1000	0.1000	0.1000
x5SC406	0.1000	0.1000	0.1000
x5SC407	0.1000	0.1000	0.1000
x5SC409	0.0000	0.0000	0.0000
x5SC411	0.0000	0.0000	0.0000
x5SC412	0.0000	0.0000	0.0000
x5SC413	0.0000	0.0000	0.0000
x5SC414	0.0000	0.0000	0.1000
x6SC401	0.0724	0.0724	0.0690
x6SC404	0.1000	0.1000	0.1000

x6SC405	0.1000	0.1000	0.1000
x6SC406	0.1000	0.1000	0.1000
x6SC407	0.1000	0.1000	0.1000
x6SC409	0.0000	0.0000	0.0000
x6SC411	0.0000	0.0000	0.0000
x6SC412	0.0000	0.0000	0.0000
x6SC413	0.0000	0.0000	0.0000
x6SC414	0.1000	0.1000	0.1000
x7AC09	0.0200	0.0178	0.0180
x7AC20	0.0155	0.0143	0.0144
x7AC31	0.0085	0.0084	0.0088
x7AC42	0.0099	0.0096	0.0099
x7C301	0.0289	0.0284	0.0264
x7C302	0.2753	0.2758	0.0879
x7C303	0.0561	0.0591	0.0325
x7C306	0.0481	0.0525	0.0285
x7C307	0.0481	0.0525	0.0285
x7C308	0.0707	0.0775	0.0421
x7C309	0.0707	0.0775	0.0421
x7C310	0.0068	0.0072	0.0037
x7C311	0.0922	0.0950	0.0529
x7C312	0.0078	0.0085	0.0044
x7C315	0.0078	0.0085	0.0044
x7C316	0.0078	0.0085	0.0044
x7C317	0.0080	0.0088	0.0046
x7C318	0.0080	0.0088	0.0046
x7C319	0.0080	0.0088	0.0046
x7C320	0.0080	0.0088	0.0046
x7C321	0.0080	0.0088	0.0046
x7C322	0.0080	0.0088	0.0046
x7C323	0.0080	0.0088	0.0046
x7C324	0.0080	0.0088	0.0046
x7C325	0.0000	0.0000	0.0000
x7C326	0.0000	0.0000	0.0000
x7C328	0.0000	0.0000	0.0000
x7C329	0.0000	0.0000	0.0000
x7C401	0.3181	0.3136	0.3140
x7C402	0.3181	0.3136	0.3140
x7C403	0.3181	0.3136	0.3140
x7C404	0.3181	0.3136	0.3140
x7C405	0.8064	0.8095	0.8069
x7C406	0.8064	0.8095	0.8069
x7C407	0.8064	0.8095	0.8069
x7C408	0.8064	0.8095	0.8069
x7C409	0.8064	0.8095	0.8069
x7C410	0.3849	0.3790	0.3600

x7C411	0.3849	0.3790	0.3600
x7C412	0.1436	0.0968	0.0931
x7C413	0.1436	0.0968	0.0931
x7C414	0.0106	0.0106	0.0121
x7C415	0.0106	0.0106	0.0121
x7C417	0.0628	0.0004	0.0001
x7C418	0.0126	0.0091	0.0106
x7C419	0.0126	0.0091	0.0106
x7C425	0.3849	0.3790	0.3600
x7C426	0.3849	0.3790	0.3600
x7C427	0.2473	0.2436	0.2241
x7C428	0.1865	0.1878	0.1708
x7C430	0.3070	0.2675	0.2620
x7C431	0.1436	0.0968	0.0931
x7C432	0.1436	0.0968	0.0931
x7HC01	0.6000	0.5888	0.6000
x7HC02	0.6000	0.5888	0.6000
x7HC03	0.0124	0.0091	0.0105
x7HC04	0.0124	0.0091	0.0105
x7HC05	0.0124	0.0091	0.0105
x7HC06	0.1380	0.1346	0.1377
x7HC07	0.1380	0.1346	0.1377
x7HC08	0.1380	0.1346	0.1377
x7HC11	0.1380	0.1346	0.1377
x7HC14	0.1380	0.1346	0.1377
x7HC15	0.1380	0.1346	0.1377
x7HC16	0.1380	0.1346	0.1377
x7HC22	0.1396	0.1367	0.1316
x7HC23	0.1406	0.1370	0.1472
x7HC24	0.1401	0.1368	0.1389
x7HC25	0.1455	0.1434	0.1399
x7HC26	0.1418	0.1390	0.1392
x7HC27	0.1362	0.1299	0.1359
x7HC28	0.2580	0.2599	0.2595
x7HC29	0.2580	0.2599	0.2595
x7HC30	0.5000	0.5000	0.2902
x7HC31	0.3181	0.3136	0.3140
x7HC32	0.0484	0.0463	0.0456
x7HC33	0.0484	0.0463	0.0456
x7HC34	0.0484	0.0463	0.0456
x7HC38	0.0484	0.0463	0.0456
x7HC40	0.0484	0.0463	0.0456
x7HC41	0.0484	0.0463	0.0456
x7HC45	0.0484	0.0463	0.0456
x7R1	0.2580	0.2599	0.2595
x7R29	0.3109	0.3062	0.3314



x7SC401	0.0025	0.0025	0.0069
x7SC404	0.0034	0.0035	0.0100
x7SC405	0.0034	0.0035	0.0100
x7SC406	0.0034	0.0035	0.0100
x7SC407	0.0034	0.0035	0.0100
x7SC409	0.0000	0.0000	0.0000
x7SC411	0.0000	0.0000	0.0000
x7SC412	0.0000	0.0000	0.0000
x7SC413	0.0000	0.0000	0.0000
x7SC414	0.1000	0.1000	0.1000
x8AC09	0.0000	0.0000	0.0000
x8AC20	0.0000	0.0000	0.0000
x8AC31	0.0000	0.0000	0.0000
x8AC42	0.0000	0.0000	0.0000
x9AC09	0.0055	0.0050	0.0050
x9AC20	0.0045	0.0043	0.0041
x9AC31	0.0024	0.0024	0.0026
x9AC42	0.0028	0.0028	0.0027
xAC02	0.4999	0.4999	0.4999
xAC05	0.4980	0.4980	0.4980
xAC07	0.4980	0.4981	0.4981
xAC09	0.4824	0.4836	0.4843
xAC12	0.4980	0.4980	0.4980
xAC15	0.4960	0.4960	0.4961
xAC18	0.4961	0.4960	0.4961
xAC20	0.4850	0.4856	0.4854
xAC23	0.4960	0.4960	0.4961
xAC26	0.4940	0.4940	0.4939
xAC29	0.4940	0.4940	0.4939
xAC31	0.4880	0.4878	0.4879
xAC34	0.4940	0.4940	0.4939
xAC37	0.4917	0.4917	0.4917
xAC40	0.4918	0.4917	0.4917
xAC42	0.4845	0.4844	0.4840
xiC10AC09	0.0000	0.0000	0.0000
xiC10AC20	0.0000	0.0000	0.0000
xiC10AC31	0.0000	0.0000	0.0000
xiC10AC42	0.0000	0.0000	0.0000
xiC11AC09	0.0000	0.0000	0.0000
xiC11AC20	0.0000	0.0000	0.0000
xiC11AC31	0.0000	0.0000	0.0000
xiC11AC42	0.0000	0.0000	0.0000
xM1C606D	0.0001	0.0001	0.0006
xM3C606D	0.0003	0.0003	0.0030
xM4C606D	0.5398	0.5509	0.5653
xM5C606D	0.1014	0.0996	0.0967

xM7C606D	0.3585	0.3492	0.3345
xx1C302	0.0826	0.0904	0.1035
xx1C308	0.0605	0.0630	0.0647
xx1C310	0.1174	0.1297	0.1289
xx1C311	0.0404	0.0454	0.0458
xx1C312	0.1480	0.1543	0.1550
xx1C323	0.1139	0.1139	0.1140
xx1C325	1.0000	1.0000	1.0000
xx1C405	0.0000	0.0000	0.0000
xx1C408	0.0000	0.0000	0.0000
xx1C425	0.0002	0.0002	0.0018
xx1C428	0.0002	0.0002	0.0024
xx1C430	0.0002	0.0002	0.0024
xx1C431	0.0007	0.0006	0.0073
xx1HC28	0.0270	0.0277	0.0275
xx1HC29	0.0270	0.0277	0.0275
xx1HC30	0.0144	0.0150	0.0248
xx1HC32	0.0308	0.0340	0.0337
xx1R1	0.0270	0.0277	0.0275
xx1R29	0.0227	0.0239	0.0220
xx1SC406	0.0000	0.0000	0.0000
xx1SC408	0.0330	0.0279	0.0262
xx2HC28	0.0000	0.0000	0.0000
xx2HC29	0.0000	0.0000	0.0000
xx2HC30	0.0000	0.0000	0.0000
xx2R1	0.0000	0.0000	0.0000
xx2R29	0.0000	0.0000	0.0000
xx2SC406	0.0134	0.0134	0.0000
xx2SC408	0.0004	0.0004	0.0000
xx3C302	0.6486	0.6425	0.7572
xx3C308	0.7679	0.7615	0.7821
xx3C310	0.7921	0.7819	0.7852
xx3C311	0.7593	0.7561	0.7812
xx3C312	0.7655	0.7593	0.7615
xx3C323	0.7962	0.7956	0.7984
xx3C325	0.0000	0.0000	0.0000
xx3C405	0.0000	0.0000	0.0001
xx3C408	0.0000	0.0000	0.0001
xx3C425	0.0004	0.0004	0.0042
xx3C428	0.0005	0.0005	0.0055
xx3C430	0.0006	0.0006	0.0062
xx3C431	0.0007	0.0007	0.0076
xx3C432	0.0007	0.0007	0.0076
xx3HC28	0.6229	0.6206	0.6210
xx3HC29	0.6229	0.6206	0.6210
xx3HC30	0.4312	0.4315	0.5965

xx3HC32	0.7843	0.7849	0.7862
xx3R1	0.6229	0.6206	0.6210
xx3R29	0.5806	0.5838	0.5639
xx3SC406	0.0200	0.0201	0.0241
xx3SC408	0.9529	0.9573	0.9670
xx4C302	0.0654	0.0638	0.0759
xx4C308	0.1069	0.1062	0.1087
xx4C310	0.0814	0.0792	0.0792
xx4C311	0.1159	0.1133	0.1174
xx4C312	0.0769	0.0764	0.0763
xx4C323	0.0800	0.0800	0.0800
xx4C325	0.0000	0.0000	0.0000
xx4C405	0.0854	0.0806	0.0814
xx4C408	0.0854	0.0806	0.0814
xx4C409	0.0854	0.0806	0.0814
xx4C425	0.6054	0.6136	0.6279
xx4C427	0.7392	0.7452	0.7575
xx4C428	0.7939	0.7956	0.8047
xx4C430	0.6887	0.7224	0.7223
xx4C431	0.8377	0.8724	0.8653
xx4C432	0.8377	0.8724	0.8653
xx4HC28	0.1180	0.1180	0.1185
xx4HC29	0.1180	0.1180	0.1185
xx4HC30	0.0950	0.0947	0.1174
xx4HC32	0.1273	0.1258	0.1261
xx4R1	0.1180	0.1180	0.1185
xx4R29	0.1158	0.1160	0.1148
xx4SC406	0.7964	0.7963	0.8006
xx4SC408	0.0137	0.0145	0.0068
xx5C302	0.0035	0.0033	0.0039
xx5C308	0.0164	0.0164	0.0161
xx5C310	0.0048	0.0045	0.0043
xx5C311	0.0206	0.0195	0.0196
xx5C312	0.0045	0.0045	0.0043
xx5C323	0.0047	0.0047	0.0045
xx5C325	0.0000	0.0000	0.0000
xx5C405	0.1505	0.1512	0.1534
xx5C408	0.1505	0.1512	0.1534
xx5C425	0.0909	0.0882	0.0856
xx5C428	0.0693	0.0667	0.0637
xx5C430	0.0764	0.0757	0.0727
xx5C431	0.0580	0.0580	0.0544
xx5HC28	0.0416	0.0417	0.0414
xx5HC29	0.0416	0.0417	0.0414
xx5HC30	0.0530	0.0525	0.0443
xx5HC32	0.0244	0.0237	0.0229

xx5R1	0.0416	0.0417	0.0414
xx5R29	0.0464	0.0459	0.0474
xx5SC406	0.0839	0.0839	0.0841
xx5SC408	0.0000	0.0000	0.0000
xx6SC406	0.0839	0.0839	0.0841
xx6SC408	0.0000	0.0000	0.0000
xx7C302	0.1999	0.2000	0.0595
xx7C308	0.0483	0.0530	0.0284
xx7C310	0.0045	0.0047	0.0024
xx7C311	0.0638	0.0657	0.0361
xx7C312	0.0051	0.0055	0.0029
xx7C323	0.0053	0.0058	0.0030
xx7C325	0.0000	0.0000	0.0000
xx7C405	0.7641	0.7682	0.7652
xx7C408	0.7641	0.7682	0.7652
xx7C425	0.3031	0.2977	0.2805
xx7C428	0.1360	0.1370	0.1237
xx7C430	0.2341	0.2012	0.1964
xx7C431	0.1029	0.0683	0.0655
xx7HC28	0.1905	0.1920	0.1917
xx7HC29	0.1905	0.1920	0.1917
xx7HC30	0.4064	0.4063	0.2170
xx7HC32	0.0331	0.0316	0.0311
xx7R1	0.1905	0.1920	0.1917
xx7R29	0.2345	0.2305	0.2519
xx7SC406	0.0024	0.0024	0.0070
xx7SC408	0.0000	0.0000	0.0000
y1HC28	0.0771	0.0793	0.0787
y1HC29	0.0771	0.0793	0.0787
y1HC30	0.0564	0.0589	0.0736
y1HC31	0.0678	0.0709	0.0705
y1R1	0.0771	0.0793	0.0787
y1R29	0.0691	0.0723	0.0688
y2HC28	0.0000	0.0000	0.0000
y2HC29	0.0000	0.0000	0.0000
y2HC30	0.0000	0.0000	0.0000
y2HC31	0.0000	0.0000	0.0000
y2R1	0.0000	0.0000	0.0000
y2R29	0.0000	0.0000	0.0000
y3HC28	0.7904	0.7880	0.7884
y3HC29	0.7904	0.7880	0.7884
y3HC30	0.7520	0.7505	0.7857
y3HC31	0.7817	0.7800	0.7824
y3R1	0.7904	0.7880	0.7884
y3R29	0.7851	0.7835	0.7806
y4HC28	0.0983	0.0983	0.0987

y4HC29	0.0983	0.0983	0.0987
y4HC30	0.1087	0.1081	0.1015
y4HC31	0.1034	0.1028	0.1033
y4R1	0.0983	0.0983	0.0987
y4R29	0.1028	0.1021	0.1042
y5HC28	0.0147	0.0147	0.0146
y5HC29	0.0147	0.0147	0.0146
y5HC30	0.0257	0.0254	0.0162
y5HC31	0.0183	0.0180	0.0175
y5R1	0.0147	0.0147	0.0146
y5R29	0.0175	0.0171	0.0182
y7HC28	0.0195	0.0197	0.0196
y7HC29	0.0195	0.0197	0.0196
y7HC30	0.0572	0.0570	0.0231
y7HC31	0.0289	0.0284	0.0264
y7R1	0.0195	0.0197	0.0196
y7R29	0.0256	0.0250	0.0282
yy1HC28	0.1000	0.1028	0.1020
yy1HC29	0.1000	0.1028	0.1020
yy1HC30	0.0747	0.0780	0.0957
yy1R1	0.1000	0.1028	0.1020
yy1R29	0.0901	0.0942	0.0898
yy2HC28	0.0000	0.0000	0.0000
yy2HC29	0.0000	0.0000	0.0000
yy2HC30	0.0000	0.0000	0.0000
yy2R1	0.0000	0.0000	0.0000
yy2R29	0.0000	0.0000	0.0000
yy3HC28	0.7786	0.7757	0.7762
yy3HC29	0.7786	0.7757	0.7762
yy3HC30	0.7564	0.7542	0.7758
yy3R1	0.7786	0.7757	0.7762
yy3R29	0.7772	0.7746	0.7736
yy4HC28	0.0968	0.0967	0.0972
yy4HC29	0.0968	0.0967	0.0972
yy4HC30	0.1093	0.1086	0.1002
yy4R1	0.0968	0.0967	0.0972
yy4R29	0.1017	0.1010	0.1033
yy5HC28	0.0117	0.0117	0.0116
yy5HC29	0.0117	0.0117	0.0116
yy5HC30	0.0208	0.0206	0.0129
yy5R1	0.0117	0.0117	0.0116
yy5R29	0.0139	0.0136	0.0146
yy7HC28	0.0130	0.0131	0.0130
yy7HC29	0.0130	0.0131	0.0130
yy7HC30	0.0388	0.0386	0.0154
yy7R1	0.0130	0.0131	0.0130

yy7R29	0.0171	0.0166	0.0188
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### **Operation Point #4**

Unmeasured Variables	Value From Data Validation	Value From Parameter Estimation	Value From Economic Optimization
C10pC623	0.0000	0.0000	0.0000
C10pC625	0.0001	0.0001	0.0001
C10pC627	0.0003	0.0002	0.0003
C10pC629	0.0002	0.0002	0.0001
C2C623	0.0156	0.0155	0.0160
C2C625	0.0154	0.0153	0.0152
C2C627	0.0150	0.0150	0.0149
C2C629	0.0154	0.0154	0.0154
C3C623	3.7281	3.4835	3.5442
C3C625	2.6556	2.5970	2.5133
C3C627	1.4147	1.4742	1.2614
C3C629	1.8230	1.8157	1.9608
C3pC623	1.1974	1.2058	1.2307
C3pC625	1.2154	1.2175	1.2075
C3pC627	1.2384	1.2367	1.2306
C3pC629	1.2104	1.2107	1.1955
C4pC623	0.0282	0.0304	0.0305
C4pC625	0.0402	0.0411	0.0422
C4pC627	0.0769	0.0736	0.0857
C4pC629	0.0583	0.0585	0.0535
C5pC623	0.0005	0.0005	0.0005
C5pC625	0.0009	0.0009	0.0010
C5pC627	0.0031	0.0029	0.0039
C5pC629	0.0019	0.0019	0.0016
C7pC623	0.0001	0.0001	0.0001
C7pC625	0.0002	0.0002	0.0002
C7pC627	0.0020	0.0017	0.0030
C7pC629	0.0007	0.0008	0.0006
C8pC623	0.0016	0.0019	0.0019
C8pC625	0.0032	0.0034	0.0035
C8pC627	0.0110	0.0102	0.0135
C8pC629	0.0067	0.0068	0.0057
C9pC623	0.4470	0.4783	0.4922
C9pC625	0.6272	0.6413	0.6523
C9pC627	1.1757	1.1284	1.2975
C9pC629	0.9130	0.9166	0.8357
CHXC623	13.6904	13.9034	13.7665
CHXC625	14.1506	14.2045	14.2135
CHXC627	14.7546	14.7084	14.8317
CHXC629	14.0262	14.0353	13.9088
CiC10pC623	0.0000	0.0000	0.0000

CiC10pC625	0.0000	0.0000	0.0000
CiC10pC627	0.0000	0.0000	0.0000
CiC10pC629	0.0000	0.0000	0.0000
CiC11pC623	0.0000	0.0000	0.0000
CiC11pC625	0.0000	0.0000	0.0001
CiC11pC627	0.0003	0.0002	0.0003
CiC11pC629	0.0001	0.0001	0.0001
CiC4eC623	0.0031	0.0031	0.0031
CiC4eC625	0.0031	0.0031	0.0031
CiC4eC627	0.0031	0.0031	0.0031
CiC4eC629	0.0031	0.0031	0.0031
CiC5eC623	0.0006	0.0007	0.0007
CiC5eC625	0.0009	0.0009	0.0009
CiC5eC627	0.0015	0.0015	0.0017
CiC5eC629	0.0013	0.0013	0.0012
CiC8eC623	0.0185	0.0197	0.0199
CiC8eC625	0.0256	0.0262	0.0268
CiC8eC627	0.0472	0.0453	0.0524
CiC8eC629	0.0375	0.0376	0.0347
Cost	152.5815	152.4006	144.0236
dTE601	10.5151	10.5011	12.9907
dTE602	79.5434	79.5462	78.0000
dTE603	11.3329	11.3088	10.0000
dTE605	24.0203	22.1098	21.3735
dTE609A	10.3094	10.0000	10.0805
dTE610	14.0071	14.0310	14.0345
dTE611	17.9903	16.2156	16.2031
dTE612	55.6000	55.6000	55.6000
dTE613	26.7410	25.8785	25.8674
dTE616	108.1569	97.8429	96.7890
dTE617	35.9923	32.7512	32.0838
dTE621A	28.6108	27.9741	28.3243
dTE621B	24.8203	26.9549	27.2426
dTE626	12.5358	12.5760	14.4185
dTE627A	55.0000	55.0000	55.0000
dTE627B	32.5129	30.6528	30.6239
dTE628	10.7831	10.7829	10.7526
dTE629	16.8964	16.8905	16.7825
dTE633	12.0855	11.7803	11.9045
dTE634	20.0000	18.1634	18.1548
dTE640	25.7928	22.6341	22.6159
dTE641	16.3940	14.1297	14.1206
dTE695A	74.0432	74.0612	76.0000
dTE695B	48.2279	47.0306	48.0000
dTE696A	51.2626	50.6526	50.7594
dTE696B	30.9640	30.3263	30.3797



dTE6XX	1.0000	1.0000	1.1686
Earnings	167.7744	167.5566	174.2706
f1C601	0.0001	0.0000	0.0000
f1C603	0.7473	0.7407	0.7388
f1C606A	0.0085	0.0076	0.0085
f2C601	0.9940	0.9939	0.9941
f3C601	0.0785	0.0786	0.0500
f3C603	1.0000	1.0000	1.0000
f3C606A	0.0022	0.0019	0.0021
f4C601	0.9962	0.9962	0.9964
f4C603	1.0000	1.0000	1.0000
f4C606A	0.8848	0.8797	0.8676
f5C601	1.0000	1.0000	1.0000
f5C603	1.0000	1.0000	1.0000
f5C606A	0.9878	0.9876	0.9880
f6C601	1.0000	1.0000	1.0000
f7C601	1.0000	1.0000	1.0000
f7C603	1.0000	1.0000	1.0000
f7C606A	0.9986	0.9983	0.9987
FAC05	6.7965	7.4107	7.4122
FAC07	6.9565	7.5707	7.5722
FAC09	8.5589	9.1718	9.2528
FAC15	8.7289	8.9927	8.9933
FAC18	8.8889	9.1527	9.1533
FAC20	10.2865	10.5516	10.5362
FAC26	17.6178	16.8537	16.8613
FAC29	17.7778	17.0137	17.0213
FAC31	19.1665	18.4003	18.2471
FAC37	15.8400	15.9736	15.9690
FAC40	16.0000	16.1336	16.1290
FAC42	17.6113	17.7469	17.9033
FC301	3.8000	3.8000	3.8000
FC302	0.4558	0.4845	0.4631
FC303	4.2558	4.2845	4.2631
FC306	5.0775	5.0396	5.0333
FC307	5.0775	5.0396	5.0333
FC309	3.2775	3.2396	3.2333
FC310	0.8217	0.7551	0.7702
FC311	2.4558	2.4845	2.4631
FC312	1.8000	1.8000	1.8000
FC315	1.8000	1.8000	1.8000
FC317	1.7466	1.7447	1.7448
FC318	1.7466	1.7447	1.7448
FC319	1.7466	1.7447	1.7448
FC321	0.0000	0.0000	0.0795
FC323	0.8018	0.8021	0.8008

FC324	0.8018	0.8021	0.8008
FC325	0.8018	0.8289	0.8276
FC326	0.8018	0.8289	0.8276
FC401	2.2000	2.2000	2.2635
FC402	2.2000	2.2000	2.2635
FC404	2.2000	2.2000	2.2635
FC405	0.8636	0.8625	0.8971
FC406	0.8636	0.8625	0.8971
FC408	3.1761	2.9886	3.0688
FC409	3.1761	2.9886	3.0688
FC410	0.8466	0.8323	0.8345
FC411	0.8466	0.8323	0.8345
FC413	0.0418	0.0419	0.0419
FC414	2.9068	2.9068	2.9416
FC415	2.9068	2.9068	2.9416
FC418	3.1383	3.1393	3.0904
FC419	3.1383	3.1393	3.0904
FC425	3.6482	3.4515	3.5467
FC426	2.8015	2.6192	2.7123
FC427	2.7846	2.5891	2.6497
FC428	1.9379	1.7567	1.8152
FC430	3.6482	3.4515	3.5467
FC431	2.7846	2.5891	2.6497
FC432	2.7428	2.5471	2.6078
FcwE603	0.2314	0.2378	0.1908
FcwE605	13.7786	11.3857	8.5181
FcwE609A	0.0932	0.0922	0.0900
FcwE611	4.6913	4.8792	4.8513
FcwE613	4.6429	4.9068	5.0264
FcwE617	1.5425	1.4859	1.0000
FcwE621A	5.2935	5.4000	5.5003
FcwE621B	4.0280	7.2669	7.3449
FcwE626	0.5796	0.5747	1.3139
FcwE627A	0.5504	0.6834	0.6834
FcwE627B	0.5294	0.8063	0.8052
FcwE634	7.8968	7.9041	7.8915
FcwE640	0.4452	0.4000	0.4000
FcwE641A	4.4013	5.0863	5.0983
FcwE641B	0.9084	1.0723	1.0729
FHC02	0.8617	0.8607	0.8936
FHC03	3.1383	3.1393	3.1699
FHC04	3.1383	3.1393	3.1699
FHC05	3.1383	3.1393	3.1699
FHC06	4.0000	4.0000	4.0635
FHC07	1.0000	1.0000	1.0635
FHC08	3.0000	3.0000	3.0000

FHC11	1.0000	1.0000	1.0000
FHC14	1.0000	1.0000	1.0000
FHC15	2.0000	2.0000	2.0000
FHC16	1.0000	1.0000	1.0000
FHC22	1.6113	1.6134	1.7742
FHC23	1.3887	1.3866	1.2258
FHC24	3.0000	3.0000	3.0000
FHC25	1.3976	1.3989	1.3829
FHC26	4.3976	4.3989	4.3829
FHC27	1.6024	1.6011	1.6806
FHC28	6.0000	6.0000	6.0635
FHC29	0.5304	0.5641	1.2071
FHC30	0.5304	0.5641	1.2071
FHC31	6.0000	6.0000	6.0635
FHC33	1.0000	1.0000	1.0000
FHC34	0.6024	0.6011	0.6171
FHC38	0.3976	0.3989	0.3829
FHC40	1.0000	1.0000	1.0000
FHC41	0.3887	0.3866	0.2258
FHC45	0.6113	0.6134	0.7742
FIHC28	2.9318	2.9046	3.0588
FIHC29	0.2592	0.2731	0.6089
FIHC30	0.1042	0.1103	0.4445
FIHC31	2.2000	2.2000	2.2635
FIR1	2.6727	2.6316	2.4499
FIR29	2.0958	2.0897	1.8190
FmC302	0.0075	0.0078	0.0076
FmC308	0.0560	0.0551	0.0553
FmC310	0.0145	0.0134	0.0136
FmC311	0.0415	0.0418	0.0416
FmC312	0.0321	0.0321	0.0321
FmC317	0.0308	0.0308	0.0308
FmC322	0.0279	0.0279	0.0279
FmC323	0.0142	0.0142	0.0141
FmC325	0.0182	0.0188	0.0188
FmC405	0.0105	0.0105	0.0110
FmC407	0.0105	0.0105	0.0110
FmC408	0.0386	0.0363	0.0375
FmC409	0.0386	0.0363	0.0375
FmC412	0.0007	0.0007	0.0007
FmC414	0.0508	0.0508	0.0514
FmC425	0.0537	0.0507	0.0522
FmC427	0.0432	0.0402	0.0413
FmC428	0.0307	0.0280	0.0290
FmC430	0.0562	0.0530	0.0545
FmC431	0.0457	0.0426	0.0436

FmC432	0.0450	0.0419	0.0429
FmHC01	0.0121	0.0121	0.0125
FmHC32	0.0340	0.0340	0.0340
FmIHC28	0.0461	0.0456	0.0482
FmIHC29	0.0041	0.0043	0.0096
FmIHC30	0.0015	0.0016	0.0068
FmIR1	0.0420	0.0413	0.0386
FmIR29	0.0322	0.0321	0.0279
FmSC403	0.0059	0.0061	0.0053
FmSC406	0.0254	0.0260	0.0249
FmSC408	0.0265	0.0272	0.0261
FmvHC28	0.0537	0.0542	0.0526
FmvHC29	0.0047	0.0051	0.0105
FmvHC30	0.0073	0.0078	0.0133
FmvR1	0.0489	0.0491	0.0421
FmvR29	0.0587	0.0583	0.0528
FR1	5.4696	5.4359	4.8564
FR29	5.4696	5.4359	4.8564
FSC401	0.5049	0.5174	0.4706
FSC403	0.3549	0.3639	0.3218
FSC404	0.3549	0.3639	0.3218
FSC406	1.5213	1.5559	1.5079
FSC407	1.5213	1.5559	1.5079
FSC408	1.5213	1.5559	1.5079
FSC409	1.5213	1.5559	1.5079
FSC412	0.1500	0.1535	0.1488
FSC414	0.0815	0.0790	0.0001
FstmE602	0.2166	0.2215	0.2171
FstmE695A	0.3945	0.3712	0.3809
FstmE695B	0.1009	0.1000	0.1021
FstmE696A	0.1127	0.1105	0.1108
FstmE696B	0.0189	0.0185	0.0186
FvHC28	3.0682	3.0954	3.0047
FvHC29	0.2712	0.2910	0.5982
FvHC30	0.4263	0.4538	0.7626
FvHC31	3.8000	3.8000	3.8000
FvR1	2.7969	2.8044	2.4066
FvR29	3.3738	3.3462	3.0374
h1C601	1.0805	1.0809	1.0640
h1C603	-0.3394	-0.3514	-0.3548
h1C606A	1.0299	1.1041	1.0938
h2C601	0.6084	0.6055	0.6963
h3C601	3.6403	3.6725	2.3070
h3C603	0.2530	0.2619	0.2617
h3C606A	-35.0000	-65.0000	-65.0000
h4C601	0.6271	0.6244	0.7098

h4C603	0.3216	0.3329	0.3330
h4C606A	0.0000	0.0000	0.0000
h5C601	0.9051	0.9040	0.9437
h5C603	0.4214	0.4361	0.4365
h5C606A	0.5027	0.5419	0.5368
h6C601	0.9300	0.9289	0.9666
h7C601	0.9722	0.9713	1.0058
h7C603	0.4901	0.5072	0.5079
h7C606A	0.5706	0.6145	0.6087
hAC02	9.6649	9.6649	9.6649
hAC05	353.0964	391.1380	382.1030
hAC07	362.7613	400.8029	391.7679
hAC09	1225.4706	1243.1644	1287.8757
hAC12	8.3124	8.4449	8.2481
hAC15	388.4180	400.1562	398.4284
hAC18	396.7304	408.6011	406.6765
hAC20	1141.4595	1147.5313	1137.4745
hAC23	7.1197	7.1197	7.0884
hAC26	718.8317	680.3485	718.4356
hAC29	725.9514	687.4682	725.5240
hAC31	1459.3670	1420.6641	1382.5357
hAC34	6.5209	6.4524	6.8064
hAC37	584.3160	605.8009	584.0073
hAC40	590.8368	612.2533	590.8138
hAC42	1582.1378	1616.9926	1694.2782
hacAC09	395.6831	404.7336	417.8444
hacAC20	418.0967	423.4539	421.9651
hacAC31	726.8780	693.4765	720.0923
hacAC42	743.9905	765.4834	775.4283
hC301	3345.7840	3351.0448	3351.6316
hC302	385.0528	407.5080	390.6680
hC303	3730.8368	3758.5528	3742.2997
hC306	4861.5346	4829.9388	4826.2463
hC307	3257.1346	3197.5644	3194.4121
hC308	2096.2884	2048.8980	2045.9991
hC309	2059.8664	2016.9365	2014.0633
hC310	730.1488	671.2225	683.9973
hC311	1329.7177	1345.7140	1330.0660
hC312	1685.7816	1680.4419	1680.8610
hC312liq	1160.8462	1148.6664	1148.4130
hC315	1068.7184	1053.6991	1053.5060
hC316	1243.6884	1243.4782	1243.3292
hC317	1274.3599	1272.9320	1272.8528
hC318	1099.3899	1083.1529	1083.0296
hC319	1000.9429	1000.6953	1000.6321
hC321	0.0000	0.0000	45.5885

hC322	904.6998	905.0097	907.8269
hC323	585.0130	585.1834	584.1722
hC324	775.7166	775.9825	775.0225
hC325	758.0830	783.7471	782.4390
hC326	527.5381	545.3630	544.1491
hC329	492.3689	509.0054	507.8725
hC401	1142.1919	1147.7960	1180.1088
hC402	1146.9742	1152.5783	1184.8775
hC403	1209.7442	1215.3263	1247.2245
hC404	1267.0674	1267.1830	1298.5227
hC405	724.9387	698.2647	721.2391
hC406	667.6155	646.4080	669.9410
hC407	469.2260	468.6228	495.7820
hC408	2524.5252	2375.4079	2425.3207
hC408vap	3281.9874	3088.0446	3156.6231
hC409	3475.7189	3280.0446	3352.6033
hC410	598.4767	589.4948	590.9439
hC410vap	840.2310	826.5974	828.5301
hC411	880.7938	866.3248	868.3275
hC412	41.7378	41.9391	41.9397
hC412liq	30.1878	30.3891	30.3897
hC413	23.5227	23.5311	23.5405
hC414	2750.0081	2749.7723	2784.6141
hC414liq	1935.2141	1935.0436	1959.6903
hC415	1712.5761	1720.7368	1743.0819
hC417	134.6373	135.4040	85.2307
hC418	1847.2134	1856.1408	1828.3126
hC419	1827.9083	1836.7738	1806.1081
hC425	2578.8444	2444.5357	2511.6293
hC426	1980.3677	1855.0409	1920.6854
hC427	2818.3761	2626.7969	2687.3400
hC428	1937.5823	1760.4720	1819.0125
hC430	2553.3327	2416.9347	2483.1350
hC431	2783.6491	2590.6582	2650.3171
hC432	2741.9113	2548.7191	2608.3775
hC623	38.3408	18.5471	30.9214
hC625	17.1002	10.0000	10.0000
hC627	10.0000	10.0000	10.0000
hC629	162.7191	175.1906	198.8385
hHC01	453.8906	455.5012	471.7268
hHC02	449.1083	450.7190	466.9580
hHC03	1827.9083	1836.7738	1851.6966
hHC04	1765.1382	1774.0258	1789.3496
hHC05	1710.2218	1716.5641	1731.2660
hHC06	2159.3301	2167.2831	2198.2240
hHC07	539.8325	541.8208	575.3161

hHC11	539.8325	541.8208	540.9693
hHC14	539.8325	541.8208	540.9693
hHC16	539.8325	541.8208	540.9693
hHC29	371.7200	397.4433	840.8551
hHC30	426.6364	454.9049	898.9387
hHC31	4487.9759	4498.8409	4531.7404
hHC32	944.6648	938.2060	939.3979
hHC34	284.5360	281.9936	289.8703
hHC38	187.7964	187.1094	179.8287
hHC41	183.5831	181.3752	106.0423
hHC45	288.7493	287.7279	363.6567
hIHC29	133.6555	141.5788	315.1229
hIHC30	52.9800	56.3912	228.9454
hIHC31	1142.1919	1147.7960	1180.1088
hIR1	1378.2566	1364.4087	1267.8452
hIR29	1076.9055	1079.7585	937.2644
hR1	3833.1795	3830.1982	3383.0418
hR29	4061.3395	4043.9360	3632.8017
hSC401	311.0324	318.8554	287.1746
hSC402	314.4393	322.2577	291.3836
hSC403	229.7703	235.6022	209.3295
hSC404	226.3635	232.1998	205.1205
hSC405	198.5979	204.4933	180.6205
hSC406	984.9385	1007.3664	980.7830
hSC407	1449.4718	1482.4815	1446.5521
hSC408	1400.1417	1432.0519	1388.4699
hSC409	937.5103	958.9028	931.0765
hSC411	845.0628	864.2982	839.2172
hSC412	92.4475	94.6046	91.8593
hSC413	85.6433	88.0046	85.2062
hSC414	48.9940	47.3994	0.0246
hvHC29	238.0645	255.8644	525.7321
hvHC30	373.6564	398.5138	669.9933
hvHC31	3345.7840	3351.0448	3351.6316
hvR1	2454.9229	2465.7895	2115.1966
hvR29	2984.4340	2964.1774	2695.5373
K1C323	2.0304	2.0312	2.0378
K1C325	1.0000	1.0000	1.0000
K1C408	8.1840	8.1819	7.9557
K1C414	2.5293	2.5279	2.5402
K1C428	4.2469	4.3590	4.3669
K1C430	3.7797	3.7960	3.7924
K1C601	2.6147	2.6158	2.6020
K1C603	1.2650	1.2648	1.2669
K1C606A	1.8772	1.8765	1.8631
K1C606C	4.1675	4.2116	4.2038

K1C614B	2.8441	2.6888	2.8885
K1C615_A	2.4235	2.4565	2.4506
K1C616_A	2.8667	2.8834	2.8831
K1E633	5.0534	5.0445	4.0715
K1E6XX	3.9859	3.9707	4.0495
K1SC406	3.5072	3.5070	3.6170
K1SC408	2.4478	2.4486	2.4874
K2C601	0.7658	0.7662	0.7612
K2E633	1.4302	1.4277	1.1523
K2E6XX	1.1281	1.1238	1.1461
K2SC406	1.0954	1.0953	1.1372
K2SC408	0.7064	0.7066	0.7204
K3C323	0.8921	0.8924	0.8953
K3C325	0.4012	0.4011	0.4010
K3C408	3.9607	3.9596	3.8360
K3C414	1.0545	1.0539	1.0597
K3C428	1.8909	1.9471	1.9511
K3C430	1.6584	1.6664	1.6647
K3C601	1.0440	1.0445	1.0382
K3C603	0.5233	0.5232	0.5240
K3C606A	0.7528	0.7525	0.7464
K3C606C	1.8485	1.8706	1.8667
K3C614B	0.8871	0.8318	0.8952
K3C615_A	0.9880	0.9945	0.9920
K3C616_A	1.0296	1.0366	1.0331
K3E633	1.7026	1.6996	1.3718
K3E6XX	1.3430	1.3378	1.3644
K3SC406	1.4552	1.4551	1.5067
K3SC408	0.9688	0.9691	0.9866
K4C323	0.6775	0.6778	0.6800
K4C325	0.2895	0.2894	0.2892
K4C408	3.1240	3.1231	3.0229
K4C414	0.7783	0.7778	0.7823
K4C428	1.4456	1.4910	1.4942
K4C430	1.2586	1.2651	1.2637
K4C601	0.7511	0.7515	0.7467
K4C603	0.3845	0.3844	0.3849
K4C606A	0.5431	0.5428	0.5382
K4C606C	1.4106	1.4284	1.4253
K4C614B	0.5535	0.5169	0.5568
K4C615_A	0.7132	0.7154	0.7136
K4C616_A	0.6933	0.6984	0.6947
K4E633	1.1169	1.1150	0.8999
K4E6XX	0.8810	0.8776	0.8950
K4SC406	1.0710	1.0709	1.1114
K4SC408	0.6934	0.6937	0.7071



K5C323	0.3100	0.3101	0.3111
K5C325	0.1195	0.1195	0.1193
K5C408	1.5638	1.5632	1.5088
K5C414	0.3360	0.3357	0.3379
K5C428	0.6707	0.6940	0.6957
K5C430	0.5750	0.5783	0.5776
K5C601	0.3084	0.3085	0.3063
K5C603	0.1645	0.1644	0.1646
K5C606A	0.2241	0.2240	0.2218
K5C606C	0.6519	0.6610	0.6594
K5C614B	0.1547	0.1432	0.1545
K5C615_A	0.2732	0.2717	0.2710
K5C616_A	0.2281	0.2300	0.2279
K5E633	0.3814	0.3807	0.3073
K5E6XX	0.3008	0.2997	0.3056
K5SC406	0.4597	0.4597	0.4793
K5SC408	0.2817	0.2819	0.2880
K6C601	0.2399	0.2401	0.2383
K6SC406	0.3652	0.3651	0.3815
K6SC408	0.2182	0.2183	0.2233
K7C323	0.1209	0.1210	0.1214
K7C325	0.0399	0.0399	0.0398
K7C408	0.7014	0.7012	0.6737
K7C414	0.1200	0.1199	0.1208
K7C428	0.2673	0.2780	0.2788
K7C430	0.2238	0.2253	0.2250
K7C601	0.1022	0.1022	0.1014
K7C603	0.0580	0.0579	0.0580
K7C606A	0.0748	0.0748	0.0739
K7C614B	0.0371	0.0338	0.0366
K7C615_A	0.1039	0.1021	0.1018
K7C616_A	0.0694	0.0701	0.0691
K7E633	0.0926	0.0925	0.0746
K7E6XX	0.0731	0.0728	0.0742
K7SC406	0.1629	0.1629	0.1710
K7SC408	0.0919	0.0920	0.0943
Kp1C601	3.1337	3.1345	3.1459
Kp1C603	1.7933	1.7933	1.7991
Kp1C606A	2.3493	2.3550	2.3322
Kp1C606D	6.7612	6.3076	6.2011
Kp2C601	0.9552	0.9555	0.9597
Kp3C601	1.2814	1.2817	1.2870
Kp3C603	0.7756	0.7756	0.7782
Kp3C606A	0.9702	0.9729	0.9623
Kp3C606D	3.1923	2.9519	2.8958
Kp4C601	0.9350	0.9353	0.9394

Kp4C603	0.5843	0.5843	0.5862
Kp4C606A	0.7121	0.7142	0.7059
Kp4C606D	2.5003	2.3051	2.2595
Kp5C601	0.3947	0.3948	0.3968
Kp5C603	0.2628	0.2628	0.2637
Kp5C606A	0.3041	0.3051	0.3011
Kp5C606D	1.2267	1.1222	1.0978
Kp6C601	0.3111	0.3112	0.3128
Kp7C601	0.1363	0.1364	0.1372
Kp7C603	0.0999	0.0999	0.1002
Kp7C606A	0.1069	0.1073	0.1056
Kp7C606D	0.5330	0.4817	0.4699
kWad1	168.6853	184.4719	179.0748
kWad2	291.3147	275.5281	280.9252
LpC601	1.8762	1.9198	1.8297
LpC603	2.5483	2.5468	2.5456
LpC606A	2.6786	2.4874	2.5187
PC303	108.3924	101.0000	101.0000
PC306	859.6336	808.6463	809.9850
PC307	789.6336	738.6463	739.9850
PC308	789.6336	738.6463	739.9850
PC309	769.6336	723.6463	724.9850
PC311	265.7800	265.9927	260.0000
PC312	789.6336	738.6463	739.9850
PHC30	106.4535	106.6403	132.1266
PHC32	106.7130	107.2869	101.0000
PR29	134.9625	135.4804	132.8435
Profit	7.0000	7.0000	22.0763
Q2HC07	0.0356	0.0356	0.0373
Q2HC11	0.0356	0.0356	0.0351
Q2HC14	0.0356	0.0356	0.0351
Q2HC16	0.0356	0.0356	0.0351
qFp1C606A	0.0204	0.0183	0.0204
qFp3C606A	0.0021	0.0019	0.0021
qFp4C606A	0.8508	0.8435	0.8299
qFp5C606A	0.6143	0.6082	0.6035
qFp7C606A	0.3066	0.2795	0.2655
qS1C606A	0.7953	0.7945	0.7928
qS3C606A	0.5336	0.5324	0.5303
qS4C606A	0.0544	0.0570	0.0613
qS5C606A	0.0294	0.0299	0.0289
qS7C606A	0.0099	0.0121	0.0098
r10C623	0.0000	0.0000	0.0000
r10C625	0.0000	0.0000	0.0000
r10C627	0.0000	0.0000	0.0000
r10C629	0.0000	0.0000	0.0000

r2C623	0.0090	0.0090	0.0094
r2C625	0.0090	0.0090	0.0088
r2C627	0.0090	0.0090	0.0088
r2C629	0.0090	0.0090	0.0088
r3C623	0.0104	0.0104	0.0109
r3C625	0.0104	0.0104	0.0103
r3C627	0.0105	0.0105	0.0103
r3C629	0.0104	0.0104	0.0103
r4C623	0.0015	0.0015	0.0015
r4C625	0.0015	0.0015	0.0015
r4C627	0.0015	0.0015	0.0015
r4C629	0.0015	0.0015	0.0015
r5C623	0.0000	0.0000	0.0000
r5C625	0.0000	0.0000	0.0000
r5C627	0.0000	0.0000	0.0000
r5C629	0.0000	0.0000	0.0000
r7C623	0.0000	0.0000	0.0000
r7C625	0.0000	0.0000	0.0000
r7C627	0.0000	0.0000	0.0000
r7C629	0.0000	0.0000	0.0000
r8C623	0.0000	0.0000	0.0000
r8C625	0.0000	0.0000	0.0000
r8C627	0.0000	0.0000	0.0000
r8C629	0.0000	0.0000	0.0000
r9C623	0.0090	0.0090	0.0094
r9C625	0.0089	0.0089	0.0088
r9C627	0.0089	0.0089	0.0088
r9C629	0.0089	0.0089	0.0088
rho2HC07	650.0000	650.0000	650.0000
rho2HC11	650.0000	650.0000	650.0000
rho2HC14	650.0000	650.0000	650.0000
rho2HC16	650.0000	650.0000	650.0000
rhoAC09	1700.0000	1700.0000	1700.0000
rhoAC20	1700.0000	1700.0000	1700.0000
rhoAC31	1700.0000	1700.0000	1700.0000
rhoAC42	1700.0000	1700.0000	1700.0000
riC10C623	0.0000	0.0000	0.0000
riC10C625	0.0000	0.0000	0.0000
riC10C627	0.0000	0.0000	0.0000
riC10C629	0.0000	0.0000	0.0000
riC11C623	0.0000	0.0000	0.0000
riC11C625	0.0000	0.0000	0.0000
riC11C627	0.0000	0.0000	0.0000
riC11C629	0.0000	0.0000	0.0000
sf1S34	0.0962	0.0956	0.0472
sf2S34	0.0000	0.0000	0.0456

sfS11	0.5000	0.5000	0.5000
sfS19	0.5000	0.5000	0.5000
sfS2	0.9116	0.9060	0.8009
sfS23	0.6024	0.6011	0.6171
sfS27	0.3887	0.3866	0.2258
sfS41	0.9850	0.9838	0.9842
sfS42	0.7679	0.7589	0.7647
sfS5	0.2500	0.2500	0.2617
sfS7	0.3333	0.3333	0.3333
Sm1C601	2.5409	2.5403	2.5926
Sm1C603	0.5642	0.5648	0.5660
Sm1C606A	2.4057	2.4115	2.4146
Sm1C606D	2.9378	2.9236	2.9226
Sm2C601	0.7745	0.7744	0.7909
Sm3C601	1.0390	1.0388	1.0606
Sm3C603	0.2440	0.2443	0.2448
Sm3C606A	0.9935	0.9962	0.9963
Sm3C606D	1.3080	1.3059	1.3058
Sm4C601	0.7582	0.7580	0.7742
Sm4C603	0.1838	0.1840	0.1844
Sm4C606A	0.7292	0.7313	0.7308
Sm4C606D	1.0000	1.0000	1.0000
Sm5C601	0.3200	0.3200	0.3270
Sm5C603	0.0827	0.0828	0.0829
Sm5C606A	0.3114	0.3124	0.3117
Sm5C606D	0.4639	0.4655	0.4656
Sm6C601	0.2523	0.2522	0.2578
Sm7C601	0.1105	0.1105	0.1130
Sm7C603	0.0314	0.0315	0.0315
Sm7C606A	0.1094	0.1098	0.1094
Sm7C606D	0.1849	0.1865	0.1866
Sn1C601	2.9007	2.9021	2.8868
Sn1C603	1.3553	1.3551	1.3574
Sn1C606A	3.4566	3.4568	3.4620
Sn2C601	0.8496	0.8501	0.8446
Sn3C601	1.1582	1.1588	1.1519
Sn3C603	0.5607	0.5605	0.5614
Sn3C606A	1.3862	1.3862	1.3870
Sn4C601	0.8333	0.8338	0.8285
Sn4C603	0.4119	0.4118	0.4124
Sn4C606A	1.0000	1.0000	1.0000
Sn5C601	0.3421	0.3423	0.3398
Sn5C603	0.1762	0.1762	0.1764
Sn5C606A	0.4127	0.4126	0.4122
Sn6C601	0.2662	0.2664	0.2644
Sn7C601	0.1133	0.1134	0.1125

Sn7C603	0.0621	0.0621	0.0621
Sn7C606A	0.1378	0.1378	0.1374
TAC02	276.0000	276.0000	276.0000
TAC05	280.0000	282.4903	280.0000
TAC07	279.9862	282.4243	279.9944
TAC15	280.0000	280.0000	280.0000
TAC18	280.0631	280.1055	280.0594
TAC20	280.0000	280.0000	280.0000
TAC26	284.2743	282.9472	290.0000
TAC29	284.4089	283.0775	290.1471
TAC37	280.9992	284.2625	280.0000
TAC40	281.0684	284.2849	280.1352
TC301	283.7298	284.8258	284.7308
TC302	259.2515	257.7796	258.1037
TC309	324.1634	322.0761	322.0500
TC310	289.5328	289.7780	288.9312
TC311	289.5328	289.7780	288.9312
TC312	328.4176	325.8843	325.8569
TC318	322.9241	319.6271	319.6140
TC319	300.7760	300.9734	300.9734
TC320	300.7760	300.9734	300.9734
TC322	300.7760	300.9734	300.9734
TC323	359.0000	359.0000	359.0000
TC326	322.6566	322.6396	322.4886
TC328	322.6566	322.6396	322.4886
TC329	322.6566	322.6396	322.4886
TC401	283.7298	284.8258	284.7308
TC402	284.6873	285.7812	285.6571
TC403	297.0913	298.1515	297.6140
TC406	398.8699	389.9232	388.6622
TC409	458.5874	461.0000	461.0000
TC411	403.9346	404.6000	404.6000
TC412	363.3374	363.9474	363.8406
TC413	301.8855	301.0000	301.0000
TC415	307.6156	308.7292	309.0199
TC417	305.7468	306.1199	300.9643
TC425	363.3374	363.9474	363.8406
TC426	363.3374	363.9474	363.8406
TC427	375.8152	377.7390	377.5529
TC428	365.0842	366.6087	366.7158
TC430	358.3924	358.6355	358.5827
TC431	363.3374	363.9474	363.8406
TC432	363.3374	363.9474	363.8406
TcwotE609A	307.3953	308.0338	308.5825
TcwotE621A	326.6749	326.9215	326.7078
TcwotE621B	303.1697	298.0000	298.0000

TcwotE627A	295.0000	295.0000	295.0000
TcwotE627B	293.0000	293.0000	293.0000
TcwotE641A	318.4176	315.8843	315.8569
TcwotE641B	314.1634	312.0761	312.0500
TcwoutE603	318.5920	318.7379	321.5704
TcwoutE605	298.0000	300.8748	303.7674
TcwoutE611	295.0000	295.0000	295.0202
TcwoutE613	301.8313	302.5488	302.2690
TcwoutE617	320.6457	319.4817	332.4694
TcwoutE626	297.9362	299.0025	295.0000
TcwoutE634	338.4084	340.1807	340.2430
TcwoutE640	309.4948	310.0117	309.9964
THC01	296.2934	297.3868	297.1990
THC02	293.7298	294.8258	294.7308
THC03	305.0913	306.1515	305.6808
THC04	296.9650	298.0524	297.7102
THC05	289.7212	290.4918	290.1420
THC06	290.5146	291.3488	291.0671
THC07	290.5146	291.3488	291.0671
THC11	290.5146	291.3488	291.0671
THC14	290.5146	291.3488	291.0671
THC16	290.5146	291.3488	291.0671
THC22	280.9992	284.2625	280.0000
THC23	284.2743	282.9472	290.0000
THC24	282.5152	283.6546	284.0859
THC25	280.0000	280.0000	280.0000
THC26	281.7159	282.4924	282.7967
THC27	280.0000	282.4903	280.0000
THC28	281.2576	282.4918	282.0216
THC29	281.2576	282.4918	282.0216
THC30	281.2576	282.4918	282.0216
THC31	283.7298	284.8258	284.7308
THC34	259.2515	257.7796	258.1037
THC38	259.2515	257.7796	258.1037
THC41	259.2515	257.7796	258.1037
THC45	259.2515	257.7796	258.1037
TmC601	329.5328	329.5445	329.7202
TmC603	352.0851	352.0671	352.0657
TmC606A	333.2691	333.3870	332.9082
TmC606D	394.0132	389.4617	388.3579
TmK601	306.1902	309.0769	308.3237
TnC601	321.0147	321.0345	320.7922
TnC603	333.9134	333.8869	333.8100
TnC606A	322.5470	322.5300	322.1993
TR1	281.2576	282.4918	282.0216
TR29	281.2576	282.4918	282.0216

TSC401	321.3714	321.4651	319.3194
TSC404	331.3714	331.4651	331.5704
TSC406	335.0566	335.0538	336.6000
TSC407	335.0566	335.0538	336.6000
TSC409	318.0203	318.0338	318.7439
TSC411	318.0203	318.0338	318.7439
TSC412	318.0203	318.0338	318.7439
TSC414	320.0000	320.0000	275.0000
Utilities	8.1929	8.1560	8.1707
VFC614B	0.1856	0.1950	0.1880
VFC615	0.3545	0.3572	0.3576
VFC616	0.2507	0.2331	0.2382
VFM3	0.5114	0.5159	0.4955
VpC601	1.5213	1.5559	1.5079
VpC603	0.8018	0.8021	0.8008
VpC606A	2.7428	2.5471	2.6078
x10AC09	0.0000	0.0000	0.0000
x10AC20	0.0000	0.0000	0.0000
x10AC31	0.0000	0.0000	0.0000
x10AC42	0.0000	0.0000	0.0000
x11AC02	0.9980	0.9980	0.9980
x11AC05	0.9710	0.9710	0.9697
x11AC07	0.9716	0.9716	0.9703
x11AC09	0.7892	0.8015	0.7936
x11AC15	0.9440	0.9440	0.9432
x11AC18	0.9445	0.9445	0.9436
x11AC20	0.8157	0.8189	0.8194
x11AC26	0.9170	0.9170	0.9166
x11AC29	0.9172	0.9173	0.9168
x11AC31	0.8506	0.8479	0.8550
x11AC37	0.8900	0.8900	0.8900
x11AC40	0.8903	0.8903	0.8903
x11AC42	0.8086	0.8091	0.8018
x12AC02	0.0020	0.0020	0.0020
x12AC05	0.0290	0.0290	0.0303
x12AC07	0.0284	0.0284	0.0297
x12AC09	0.0236	0.0239	0.0248
x12AC12	0.0290	0.0290	0.0303
x12AC15	0.0560	0.0560	0.0568
x12AC18	0.0555	0.0555	0.0564
x12AC20	0.0484	0.0486	0.0494
x12AC23	0.0560	0.0560	0.0568
x12AC26	0.0830	0.0830	0.0834
x12AC29	0.0828	0.0828	0.0832
x12AC31	0.0770	0.0768	0.0778
x12AC34	0.0830	0.0830	0.0834

x12AC37	0.1100	0.1100	0.1100
x12AC40	0.1097	0.1097	0.1097
x12AC42	0.0999	0.1000	0.0991
x12AC45	0.1100	0.1100	0.1100
x1AC09	0.0088	0.0083	0.0085
x1AC20	0.0069	0.0068	0.0066
x1AC31	0.0037	0.0039	0.0036
x1AC42	0.0043	0.0043	0.0044
x1C301	0.0680	0.0687	0.0678
x1C302	0.0643	0.0611	0.0649
x1C303	0.0676	0.0679	0.0675
x1C306	0.0717	0.0719	0.0715
x1C307	0.0717	0.0719	0.0715
x1C308	0.0465	0.0461	0.0460
x1C309	0.0465	0.0461	0.0460
x1C310	0.0930	0.0948	0.0936
x1C311	0.0310	0.0313	0.0311
x1C312	0.1175	0.1184	0.1174
x1C315	0.1175	0.1184	0.1174
x1C317	0.0905	0.0905	0.0894
x1C318	0.0905	0.0905	0.0894
x1C319	0.0905	0.0905	0.0894
x1C320	0.0905	0.0905	0.0894
x1C321	0.0905	0.0905	0.0894
x1C322	0.0905	0.0905	0.0894
x1C323	0.0905	0.0905	0.0894
x1C324	0.0905	0.0905	0.0894
x1C326	1.0000	1.0000	1.0000
x1C328	1.0000	1.0000	1.0000
x1C329	1.0000	1.0000	1.0000
x1C401	0.0151	0.0153	0.0147
x1C402	0.0151	0.0153	0.0147
x1C403	0.0151	0.0153	0.0147
x1C404	0.0151	0.0153	0.0147
x1C405	0.0000	0.0000	0.0000
x1C406	0.0000	0.0000	0.0000
x1C407	0.0000	0.0000	0.0000
x1C408	0.0000	0.0000	0.0000
x1C409	0.0000	0.0000	0.0000
x1C410	0.0003	0.0003	0.0003
x1C411	0.0003	0.0003	0.0003
x1C412	0.0013	0.0013	0.0014
x1C413	0.0013	0.0013	0.0014
x1C414	0.0613	0.0613	0.0602
x1C415	0.0613	0.0613	0.0602
x1C418	0.0588	0.0589	0.0583



x1C419	0.0588	0.0589	0.0583
x1C425	0.0003	0.0003	0.0003
x1C426	0.0003	0.0003	0.0003
x1C427	0.0004	0.0004	0.0004
x1C428	0.0004	0.0004	0.0004
x1C430	0.0004	0.0004	0.0004
x1C431	0.0013	0.0013	0.0014
x1C432	0.0013	0.0013	0.0014
x1HC01	0.0696	0.0718	0.0643
x1HC02	0.0696	0.0718	0.0643
x1HC03	0.0588	0.0589	0.0590
x1HC04	0.0588	0.0589	0.0590
x1HC05	0.0588	0.0589	0.0590
x1HC06	0.0612	0.0617	0.0602
x1HC07	0.0612	0.0617	0.0602
x1HC08	0.0612	0.0617	0.0602
x1HC11	0.0612	0.0617	0.0602
x1HC14	0.0612	0.0617	0.0602
x1HC15	0.0612	0.0617	0.0602
x1HC16	0.0612	0.0617	0.0602
x1HC22	0.0468	0.0474	0.0441
x1HC23	0.0506	0.0512	0.0534
x1HC24	0.0486	0.0491	0.0479
x1HC25	0.0504	0.0510	0.0500
x1HC26	0.0492	0.0497	0.0485
x1HC27	0.0470	0.0476	0.0466
x1HC28	0.0187	0.0188	0.0189
x1HC29	0.0187	0.0188	0.0189
x1HC30	0.0096	0.0097	0.0146
x1HC31	0.0151	0.0153	0.0147
x1HC32	0.0234	0.0241	0.0232
x1HC33	0.0234	0.0241	0.0232
x1HC34	0.0234	0.0241	0.0232
x1HC38	0.0234	0.0241	0.0232
x1HC40	0.0234	0.0241	0.0232
x1HC41	0.0234	0.0241	0.0232
x1HC45	0.0234	0.0241	0.0232
x1R1	0.0187	0.0188	0.0189
x1R29	0.0153	0.0156	0.0148
x1SC401	0.0129	0.0128	0.0063
x1SC404	0.0000	0.0000	0.0000
x1SC405	0.0000	0.0000	0.0000
x1SC406	0.0000	0.0000	0.0000
x1SC407	0.0000	0.0000	0.0000
x1SC409	0.0434	0.0430	0.0200
x1SC411	0.0434	0.0430	0.0200

x1SC412	0.0434	0.0430	0.0200
x1SC413	0.0434	0.0430	0.0200
x1SC414	0.0000	0.0000	0.0000
x2AC09	0.0000	0.0000	0.0000
x2AC20	0.0000	0.0000	0.0000
x2AC31	0.0000	0.0000	0.0000
x2AC42	0.0000	0.0000	0.0000
x2C301	0.0000	0.0000	0.0000
x2C417	0.0353	0.0340	0.0000
x2C418	0.0021	0.0021	0.0010
x2C419	0.0021	0.0021	0.0010
x2HC01	0.1000	0.1000	0.1004
x2HC02	0.1000	0.1000	0.1004
x2HC03	0.0021	0.0021	0.0009
x2HC04	0.0021	0.0021	0.0009
x2HC05	0.0021	0.0021	0.0009
x2HC06	0.0232	0.0232	0.0228
x2HC07	0.0232	0.0232	0.0228
x2HC08	0.0232	0.0232	0.0228
x2HC11	0.0232	0.0232	0.0228
x2HC14	0.0232	0.0232	0.0228
x2HC15	0.0232	0.0232	0.0228
x2HC16	0.0232	0.0232	0.0228
x2HC22	0.0000	0.0000	0.0000
x2HC23	0.0000	0.0000	0.0000
x2HC24	0.0000	0.0000	0.0000
x2HC25	0.0000	0.0000	0.0000
x2HC26	0.0000	0.0000	0.0000
x2HC27	0.0000	0.0000	0.0000
x2HC28	0.0000	0.0000	0.0000
x2HC29	0.0000	0.0000	0.0000
x2HC30	0.0000	0.0000	0.0000
x2HC31	0.0000	0.0000	0.0000
x2R1	0.0000	0.0000	0.0000
x2R29	0.0000	0.0000	0.0000
x2SC401	0.0046	0.0047	0.0000
x2SC404	0.0066	0.0066	0.0000
x2SC405	0.0066	0.0066	0.0000
x2SC406	0.0066	0.0066	0.0000
x2SC407	0.0066	0.0066	0.0000
x2SC409	0.0001	0.0001	0.0000
x2SC411	0.0001	0.0001	0.0000
x2SC412	0.0001	0.0001	0.0000
x2SC413	0.0001	0.0001	0.0000
x2SC414	0.1000	0.1000	0.1000
x3AC09	0.1274	0.1191	0.1211

x3AC20	0.0908	0.0888	0.0859
x3AC31	0.0484	0.0504	0.0431
x3AC42	0.0623	0.0621	0.0670
x3C301	0.7737	0.7746	0.7627
x3C302	0.6569	0.6032	0.6525
x3C303	0.7612	0.7552	0.7507
x3C306	0.7680	0.7623	0.7572
x3C307	0.7680	0.7623	0.7572
x3C308	0.7601	0.7514	0.7482
x3C309	0.7601	0.7514	0.7482
x3C310	0.8034	0.8021	0.7933
x3C311	0.7456	0.7360	0.7342
x3C312	0.7825	0.7817	0.7734
x3C315	0.7825	0.7817	0.7734
x3C317	0.8065	0.8065	0.7979
x3C318	0.8065	0.8065	0.7979
x3C319	0.8065	0.8065	0.7979
x3C320	0.8065	0.8065	0.7979
x3C321	0.8065	0.8065	0.7979
x3C322	0.8065	0.8065	0.7979
x3C323	0.8065	0.8065	0.7979
x3C324	0.8065	0.8065	0.7979
x3C326	0.0000	0.0000	0.0000
x3C328	0.0000	0.0000	0.0000
x3C329	0.0000	0.0000	0.0000
x3C401	0.5036	0.5060	0.4921
x3C402	0.5036	0.5060	0.4921
x3C403	0.5036	0.5060	0.4921
x3C404	0.5036	0.5060	0.4921
x3C405	0.0000	0.0000	0.0000
x3C406	0.0000	0.0000	0.0000
x3C407	0.0000	0.0000	0.0000
x3C408	0.0000	0.0000	0.0000
x3C409	0.0000	0.0000	0.0000
x3C410	0.0009	0.0009	0.0009
x3C411	0.0009	0.0009	0.0009
x3C412	0.0018	0.0018	0.0019
x3C413	0.0018	0.0018	0.0019
x3C414	0.8191	0.8207	0.8080
x3C415	0.8191	0.8207	0.8080
x3C418	0.8214	0.8230	0.8160
x3C419	0.8214	0.8230	0.8160
x3C425	0.0009	0.0009	0.0009
x3C426	0.0009	0.0009	0.0009
x3C427	0.0012	0.0011	0.0012
x3C428	0.0013	0.0013	0.0014

x3C430	0.0014	0.0013	0.0014
x3C431	0.0018	0.0018	0.0019
x3C432	0.0018	0.0018	0.0019
x3HC01	0.0587	0.0566	0.0367
x3HC02	0.0587	0.0566	0.0367
x3HC03	0.8214	0.8230	0.8156
x3HC04	0.8214	0.8230	0.8156
x3HC05	0.8214	0.8230	0.8156
x3HC06	0.6571	0.6581	0.6443
x3HC07	0.6571	0.6581	0.6443
x3HC08	0.6571	0.6581	0.6443
x3HC11	0.6571	0.6581	0.6443
x3HC14	0.6571	0.6581	0.6443
x3HC15	0.6571	0.6581	0.6443
x3HC16	0.6571	0.6581	0.6443
x3HC22	0.6810	0.6826	0.6762
x3HC23	0.6673	0.6686	0.6417
x3HC24	0.6747	0.6761	0.6621
x3HC25	0.6680	0.6695	0.6545
x3HC26	0.6725	0.6740	0.6597
x3HC27	0.6806	0.6820	0.6669
x3HC28	0.5621	0.5623	0.5549
x3HC29	0.5621	0.5623	0.5549
x3HC30	0.3681	0.3693	0.4892
x3HC31	0.5036	0.5060	0.4921
x3HC32	0.7658	0.7682	0.7531
x3HC33	0.7658	0.7682	0.7531
x3HC34	0.7658	0.7682	0.7531
x3HC38	0.7658	0.7682	0.7531
x3HC40	0.7658	0.7682	0.7531
x3HC41	0.7658	0.7682	0.7531
x3HC45	0.7658	0.7682	0.7531
x3R1	0.5621	0.5623	0.5549
x3R29	0.5103	0.5132	0.4928
x3SC401	0.3061	0.3058	0.3241
x3SC404	0.0342	0.0342	0.0237
x3SC405	0.0342	0.0342	0.0237
x3SC406	0.0342	0.0342	0.0237
x3SC407	0.0342	0.0342	0.0237
x3SC409	0.9493	0.9496	0.9739
x3SC411	0.9493	0.9496	0.9739
x3SC412	0.9493	0.9496	0.9739
x3SC413	0.9493	0.9496	0.9739
x3SC414	0.6679	0.6594	0.7000
x4AC09	0.0222	0.0205	0.0236
x4AC20	0.0157	0.0151	0.0166

x4AC31	0.0083	0.0086	0.0082
x4AC42	0.0109	0.0107	0.0132
x4C301	0.1178	0.1163	0.1291
x4C302	0.0763	0.0687	0.0841
x4C303	0.1133	0.1109	0.1242
x4C306	0.1103	0.1082	0.1210
x4C307	0.1103	0.1082	0.1210
x4C308	0.1214	0.1189	0.1332
x4C309	0.1214	0.1189	0.1332
x4C310	0.0946	0.0931	0.1036
x4C311	0.1303	0.1268	0.1425
x4C312	0.0902	0.0890	0.0991
x4C315	0.0902	0.0890	0.0991
x4C317	0.0930	0.0918	0.1022
x4C318	0.0930	0.0918	0.1022
x4C319	0.0930	0.0918	0.1022
x4C320	0.0930	0.0918	0.1022
x4C321	0.0930	0.0918	0.1022
x4C322	0.0930	0.0918	0.1022
x4C323	0.0930	0.0918	0.1022
x4C324	0.0930	0.0918	0.1022
x4C325	0.0000	0.0000	0.0000
x4C326	0.0000	0.0000	0.0000
x4C328	0.0000	0.0000	0.0000
x4C329	0.0000	0.0000	0.0000
x4C401	0.1161	0.1150	0.1269
x4C402	0.1161	0.1150	0.1269
x4C403	0.1161	0.1150	0.1269
x4C404	0.1161	0.1150	0.1269
x4C405	0.0656	0.0659	0.0718
x4C406	0.0656	0.0659	0.0718
x4C407	0.0656	0.0659	0.0718
x4C408	0.0656	0.0659	0.0718
x4C409	0.0656	0.0659	0.0718
x4C410	0.5317	0.5264	0.5274
x4C411	0.5317	0.5264	0.5274
x4C412	0.8362	0.8416	0.8400
x4C413	0.8362	0.8416	0.8400
x4C414	0.1068	0.1052	0.1188
x4C415	0.1068	0.1052	0.1188
x4C418	0.1019	0.1002	0.1134
x4C419	0.1019	0.1002	0.1134
x4C425	0.5317	0.5264	0.5274
x4C426	0.5317	0.5264	0.5274
x4C427	0.6762	0.6798	0.6817
x4C428	0.7394	0.7525	0.7526

x4C430	0.6538	0.6478	0.6457
x4C431	0.8362	0.8416	0.8400
x4C432	0.8362	0.8416	0.8400
x4HC01	0.0954	0.0960	0.1022
x4HC02	0.0954	0.0960	0.1022
x4HC03	0.1019	0.1002	0.1131
x4HC04	0.1019	0.1002	0.1131
x4HC05	0.1019	0.1002	0.1131
x4HC06	0.1005	0.0993	0.1107
x4HC07	0.1005	0.0993	0.1107
x4HC08	0.1005	0.0993	0.1107
x4HC11	0.1005	0.0993	0.1107
x4HC14	0.1005	0.0993	0.1107
x4HC15	0.1005	0.0993	0.1107
x4HC16	0.1005	0.0993	0.1107
x4HC22	0.1189	0.1175	0.1327
x4HC23	0.1152	0.1138	0.1223
x4HC24	0.1172	0.1158	0.1285
x4HC25	0.1153	0.1140	0.1261
x4HC26	0.1166	0.1152	0.1277
x4HC27	0.1188	0.1174	0.1297
x4HC28	0.1226	0.1212	0.1342
x4HC29	0.1226	0.1212	0.1342
x4HC30	0.0923	0.0913	0.1265
x4HC31	0.1161	0.1150	0.1269
x4HC32	0.1426	0.1408	0.1561
x4HC33	0.1426	0.1408	0.1561
x4HC34	0.1426	0.1408	0.1561
x4HC38	0.1426	0.1408	0.1561
x4HC40	0.1426	0.1408	0.1561
x4HC41	0.1426	0.1408	0.1561
x4HC45	0.1426	0.1408	0.1561
x4R1	0.1226	0.1212	0.1342
x4R29	0.1173	0.1162	0.1271
x4SC401	0.5698	0.5703	0.5260
x4SC404	0.8076	0.8077	0.7663
x4SC405	0.8076	0.8077	0.7663
x4SC406	0.8076	0.8077	0.7663
x4SC407	0.8076	0.8077	0.7663
x4SC409	0.0072	0.0073	0.0061
x4SC411	0.0072	0.0073	0.0061
x4SC412	0.0072	0.0073	0.0061
x4SC413	0.0072	0.0073	0.0061
x4SC414	0.1000	0.1000	0.0000
x5AC09	0.0032	0.0029	0.0039
x5AC20	0.0023	0.0022	0.0028

x5AC31	0.0012	0.0013	0.0015
x5AC42	0.0015	0.0015	0.0021
x5C301	0.0102	0.0100	0.0126
x5C302	0.0025	0.0022	0.0031
x5C303	0.0093	0.0092	0.0116
x5C306	0.0084	0.0083	0.0104
x5C307	0.0084	0.0083	0.0104
x5C308	0.0112	0.0111	0.0140
x5C309	0.0112	0.0111	0.0140
x5C310	0.0033	0.0033	0.0041
x5C311	0.0138	0.0135	0.0172
x5C312	0.0032	0.0032	0.0040
x5C315	0.0032	0.0032	0.0040
x5C317	0.0033	0.0033	0.0041
x5C318	0.0033	0.0033	0.0041
x5C319	0.0033	0.0033	0.0041
x5C320	0.0033	0.0033	0.0041
x5C321	0.0033	0.0033	0.0041
x5C322	0.0033	0.0033	0.0041
x5C323	0.0033	0.0033	0.0041
x5C324	0.0033	0.0033	0.0041
x5C325	0.0000	0.0000	0.0000
x5C326	0.0000	0.0000	0.0000
x5C328	0.0000	0.0000	0.0000
x5C329	0.0000	0.0000	0.0000
x5C401	0.0285	0.0282	0.0364
x5C402	0.0285	0.0282	0.0364
x5C403	0.0285	0.0282	0.0364
x5C404	0.0285	0.0282	0.0364
x5C405	0.0743	0.0735	0.0936
x5C406	0.0743	0.0735	0.0936
x5C407	0.0743	0.0735	0.0936
x5C408	0.0743	0.0735	0.0936
x5C409	0.0743	0.0735	0.0936
x5C410	0.0543	0.0554	0.0703
x5C411	0.0543	0.0554	0.0703
x5C412	0.0395	0.0410	0.0518
x5C413	0.0395	0.0410	0.0518
x5C414	0.0007	0.0007	0.0009
x5C415	0.0007	0.0007	0.0009
x5C418	0.0008	0.0008	0.0009
x5C419	0.0008	0.0008	0.0009
x5C425	0.0543	0.0554	0.0703
x5C426	0.0543	0.0554	0.0703
x5C427	0.0481	0.0494	0.0625
x5C428	0.0454	0.0465	0.0589

x5C430	0.0477	0.0491	0.0624
x5C431	0.0395	0.0410	0.0518
x5C432	0.0395	0.0410	0.0518
x5HC01	0.0763	0.0756	0.0965
x5HC02	0.0763	0.0756	0.0965
x5HC03	0.0008	0.0008	0.0010
x5HC04	0.0008	0.0008	0.0010
x5HC05	0.0008	0.0008	0.0010
x5HC06	0.0171	0.0169	0.0220
x5HC07	0.0171	0.0169	0.0220
x5HC08	0.0171	0.0169	0.0220
x5HC11	0.0171	0.0169	0.0220
x5HC14	0.0171	0.0169	0.0220
x5HC15	0.0171	0.0169	0.0220
x5HC16	0.0171	0.0169	0.0220
x5HC22	0.0169	0.0167	0.0213
x5HC23	0.0170	0.0168	0.0217
x5HC24	0.0169	0.0167	0.0215
x5HC25	0.0169	0.0167	0.0216
x5HC26	0.0169	0.0167	0.0215
x5HC27	0.0169	0.0167	0.0214
x5HC28	0.0261	0.0259	0.0326
x5HC29	0.0261	0.0259	0.0326
x5HC30	0.0300	0.0297	0.0365
x5HC31	0.0285	0.0282	0.0364
x5HC32	0.0164	0.0162	0.0204
x5HC33	0.0164	0.0162	0.0204
x5HC34	0.0164	0.0162	0.0204
x5HC38	0.0164	0.0162	0.0204
x5HC40	0.0164	0.0162	0.0204
x5HC41	0.0164	0.0162	0.0204
x5HC45	0.0164	0.0162	0.0204
x5R1	0.0261	0.0259	0.0326
x5R29	0.0285	0.0282	0.0363
x5SC401	0.0395	0.0395	0.0684
x5SC404	0.0562	0.0561	0.1000
x5SC405	0.0562	0.0561	0.1000
x5SC406	0.0562	0.0561	0.1000
x5SC407	0.0562	0.0561	0.1000
x5SC409	0.0000	0.0000	0.0000
x5SC411	0.0000	0.0000	0.0000
x5SC412	0.0000	0.0000	0.0000
x5SC413	0.0000	0.0000	0.0000
x5SC414	0.0051	0.0053	0.0000
x6SC401	0.0646	0.0646	0.0684
x6SC404	0.0919	0.0918	0.1000



x6SC405	0.0919	0.0918	0.1000
x6SC406	0.0919	0.0918	0.1000
x6SC407	0.0919	0.0918	0.1000
x6SC409	0.0000	0.0000	0.0000
x6SC411	0.0000	0.0000	0.0000
x6SC412	0.0000	0.0000	0.0000
x6SC413	0.0000	0.0000	0.0000
x6SC414	0.1000	0.0687	0.1000
x7AC09	0.0201	0.0187	0.0193
x7AC20	0.0157	0.0153	0.0150
x7AC31	0.0084	0.0087	0.0083
x7AC42	0.0098	0.0097	0.0099
x7C301	0.0304	0.0303	0.0278
x7C302	0.2000	0.2649	0.1955
x7C303	0.0485	0.0569	0.0460
x7C306	0.0416	0.0494	0.0398
x7C307	0.0416	0.0494	0.0398
x7C308	0.0609	0.0725	0.0585
x7C309	0.0609	0.0725	0.0585
x7C310	0.0058	0.0068	0.0054
x7C311	0.0793	0.0924	0.0751
x7C312	0.0066	0.0077	0.0062
x7C315	0.0066	0.0077	0.0062
x7C316	0.0066	0.0077	0.0062
x7C317	0.0068	0.0080	0.0064
x7C318	0.0068	0.0080	0.0064
x7C319	0.0068	0.0080	0.0064
x7C320	0.0068	0.0080	0.0064
x7C321	0.0068	0.0080	0.0064
x7C322	0.0068	0.0080	0.0064
x7C323	0.0068	0.0080	0.0064
x7C324	0.0068	0.0080	0.0064
x7C325	0.0000	0.0000	0.0000
x7C326	0.0000	0.0000	0.0000
x7C328	0.0000	0.0000	0.0000
x7C329	0.0000	0.0000	0.0000
x7C401	0.3367	0.3355	0.3298
x7C402	0.3367	0.3355	0.3298
x7C403	0.3367	0.3355	0.3298
x7C404	0.3367	0.3355	0.3298
x7C405	0.8601	0.8606	0.8347
x7C406	0.8601	0.8606	0.8347
x7C407	0.8601	0.8606	0.8347
x7C408	0.8601	0.8606	0.8347
x7C409	0.8601	0.8606	0.8347
x7C410	0.4129	0.4171	0.4010

x7C411	0.4129	0.4171	0.4010
x7C412	0.1211	0.1144	0.1049
x7C413	0.1211	0.1144	0.1049
x7C414	0.0121	0.0121	0.0121
x7C415	0.0121	0.0121	0.0121
x7C417	0.0800	0.0800	0.0001
x7C418	0.0150	0.0150	0.0105
x7C419	0.0150	0.0150	0.0105
x7C425	0.4129	0.4171	0.4010
x7C426	0.4129	0.4171	0.4010
x7C427	0.2741	0.2694	0.2542
x7C428	0.2135	0.1994	0.1868
x7C430	0.2967	0.3014	0.2901
x7C431	0.1211	0.1144	0.1049
x7C432	0.1211	0.1144	0.1049
x7HC01	0.6000	0.6000	0.6000
x7HC02	0.6000	0.6000	0.6000
x7HC03	0.0150	0.0150	0.0104
x7HC04	0.0150	0.0150	0.0104
x7HC05	0.0150	0.0150	0.0104
x7HC06	0.1410	0.1409	0.1401
x7HC07	0.1410	0.1409	0.1401
x7HC08	0.1410	0.1409	0.1401
x7HC11	0.1410	0.1409	0.1401
x7HC14	0.1410	0.1409	0.1401
x7HC15	0.1410	0.1409	0.1401
x7HC16	0.1410	0.1409	0.1401
x7HC22	0.1364	0.1358	0.1257
x7HC23	0.1500	0.1497	0.1608
x7HC24	0.1427	0.1422	0.1401
x7HC25	0.1494	0.1489	0.1479
x7HC26	0.1448	0.1443	0.1426
x7HC27	0.1369	0.1365	0.1354
x7HC28	0.2706	0.2719	0.2594
x7HC29	0.2706	0.2719	0.2594
x7HC30	0.5000	0.5000	0.3333
x7HC31	0.3367	0.3355	0.3298
x7HC32	0.0518	0.0507	0.0473
x7HC33	0.0518	0.0507	0.0473
x7HC34	0.0518	0.0507	0.0473
x7HC38	0.0518	0.0507	0.0473
x7HC40	0.0518	0.0507	0.0473
x7HC41	0.0518	0.0507	0.0473
x7HC45	0.0518	0.0507	0.0473
x7R1	0.2706	0.2719	0.2594
x7R29	0.3286	0.3268	0.3290

x7SC401	0.0025	0.0025	0.0068
x7SC404	0.0036	0.0036	0.0100
x7SC405	0.0036	0.0036	0.0100
x7SC406	0.0036	0.0036	0.0100
x7SC407	0.0036	0.0036	0.0100
x7SC409	0.0000	0.0000	0.0000
x7SC411	0.0000	0.0000	0.0000
x7SC412	0.0000	0.0000	0.0000
x7SC413	0.0000	0.0000	0.0000
x7SC414	0.0270	0.0666	0.1000
x8AC09	0.0000	0.0000	0.0000
x8AC20	0.0000	0.0000	0.0000
x8AC31	0.0000	0.0000	0.0000
x8AC42	0.0000	0.0000	0.0000
x9AC09	0.0055	0.0051	0.0053
x9AC20	0.0046	0.0045	0.0044
x9AC31	0.0025	0.0026	0.0025
x9AC42	0.0027	0.0027	0.0026
xAC02	0.4999	0.4999	0.4999
xAC05	0.4980	0.4980	0.4979
xAC07	0.4980	0.4980	0.4979
xAC09	0.4825	0.4837	0.4829
xAC12	0.4980	0.4980	0.4979
xAC15	0.4960	0.4960	0.4959
xAC18	0.4960	0.4960	0.4960
xAC20	0.4851	0.4854	0.4854
xAC23	0.4960	0.4960	0.4959
xAC26	0.4939	0.4939	0.4939
xAC29	0.4939	0.4939	0.4939
xAC31	0.4883	0.4881	0.4887
xAC34	0.4939	0.4939	0.4939
xAC37	0.4917	0.4917	0.4917
xAC40	0.4917	0.4917	0.4917
xAC42	0.4844	0.4844	0.4837
xiC10AC09	0.0000	0.0000	0.0000
xiC10AC20	0.0000	0.0000	0.0000
xiC10AC31	0.0000	0.0000	0.0000
xiC10AC42	0.0000	0.0000	0.0000
xiC11AC09	0.0000	0.0000	0.0000
xiC11AC20	0.0000	0.0000	0.0000
xiC11AC31	0.0000	0.0000	0.0000
xiC11AC42	0.0000	0.0000	0.0000
xM1C606D	0.0001	0.0001	0.0001
xM3C606D	0.0007	0.0007	0.0008
xM4C606D	0.5549	0.5450	0.5429
xM5C606D	0.0592	0.0583	0.0735

xM7C606D	0.3851	0.3959	0.3828
xx1C302	0.0888	0.0862	0.0894
xx1C308	0.0618	0.0614	0.0610
xx1C310	0.1193	0.1216	0.1201
xx1C311	0.0416	0.0422	0.0417
xx1C312	0.1496	0.1508	0.1495
xx1C323	0.1162	0.1162	0.1149
xx1C325	1.0000	1.0000	1.0000
xx1C405	0.0000	0.0000	0.0000
xx1C408	0.0000	0.0000	0.0000
xx1C425	0.0004	0.0004	0.0005
xx1C428	0.0006	0.0006	0.0006
xx1C430	0.0006	0.0006	0.0006
xx1C431	0.0018	0.0018	0.0019
xx1HC28	0.0270	0.0271	0.0271
xx1HC29	0.0270	0.0271	0.0271
xx1HC30	0.0152	0.0154	0.0216
xx1HC32	0.0312	0.0321	0.0310
xx1R1	0.0270	0.0271	0.0271
xx1R29	0.0226	0.0230	0.0219
xx1SC406	0.0000	0.0000	0.0000
xx1SC408	0.0564	0.0559	0.0262
xx2HC28	0.0000	0.0000	0.0000
xx2HC29	0.0000	0.0000	0.0000
xx2HC30	0.0000	0.0000	0.0000
xx2R1	0.0000	0.0000	0.0000
xx2R29	0.0000	0.0000	0.0000
xx2SC406	0.0070	0.0070	0.0000
xx2SC408	0.0001	0.0001	0.0000
xx3C302	0.6880	0.6468	0.6823
xx3C308	0.7656	0.7599	0.7537
xx3C310	0.7823	0.7808	0.7723
xx3C311	0.7598	0.7532	0.7476
xx3C312	0.7564	0.7557	0.7477
xx3C323	0.7861	0.7865	0.7780
xx3C325	0.0000	0.0000	0.0000
xx3C405	0.0000	0.0000	0.0000
xx3C408	0.0000	0.0000	0.0000
xx3C425	0.0010	0.0010	0.0011
xx3C428	0.0014	0.0014	0.0015
xx3C430	0.0016	0.0015	0.0016
xx3C431	0.0019	0.0019	0.0020
xx3C432	0.0019	0.0019	0.0020
xx3HC28	0.6158	0.6163	0.6064
xx3HC29	0.6158	0.6163	0.6064
xx3HC30	0.4413	0.4426	0.5503

xx3HC32	0.7756	0.7776	0.7622
xx3R1	0.6158	0.6163	0.6064
xx3R29	0.5720	0.5748	0.5535
xx3SC406	0.0352	0.0352	0.0247
xx3SC408	0.9364	0.9368	0.9678
xx4C302	0.0800	0.0737	0.0879
xx4C308	0.1222	0.1203	0.1342
xx4C310	0.0921	0.0906	0.1008
xx4C311	0.1328	0.1297	0.1451
xx4C312	0.0872	0.0860	0.0958
xx4C323	0.0906	0.0895	0.0997
xx4C325	0.0000	0.0000	0.0000
xx4C405	0.0930	0.0935	0.1011
xx4C408	0.0930	0.0935	0.1011
xx4C409	0.0930	0.0935	0.1011
xx4C425	0.6219	0.6169	0.6163
xx4C427	0.7502	0.7531	0.7531
xx4C428	0.8022	0.8125	0.8111
xx4C430	0.7312	0.7259	0.7227
xx4C431	0.8772	0.8811	0.8785
xx4C432	0.8772	0.8811	0.8785
xx4HC28	0.1344	0.1329	0.1467
xx4HC29	0.1344	0.1329	0.1467
xx4HC30	0.1106	0.1094	0.1423
xx4HC32	0.1444	0.1426	0.1580
xx4R1	0.1344	0.1329	0.1467
xx4R29	0.1314	0.1301	0.1427
xx4SC406	0.8323	0.8324	0.8000
xx4SC408	0.0071	0.0072	0.0060
xx5C302	0.0021	0.0019	0.0026
xx5C308	0.0091	0.0091	0.0114
xx5C310	0.0026	0.0026	0.0032
xx5C311	0.0114	0.0111	0.0141
xx5C312	0.0025	0.0025	0.0031
xx5C323	0.0026	0.0026	0.0032
xx5C325	0.0000	0.0000	0.0000
xx5C405	0.0849	0.0840	0.1062
xx5C408	0.0849	0.0840	0.1062
xx5C425	0.0512	0.0523	0.0662
xx5C428	0.0397	0.0405	0.0511
xx5C430	0.0430	0.0443	0.0563
xx5C431	0.0334	0.0346	0.0437
xx5HC28	0.0230	0.0229	0.0287
xx5HC29	0.0230	0.0229	0.0287
xx5HC30	0.0290	0.0287	0.0331
xx5HC32	0.0134	0.0132	0.0167

xx5R1	0.0230	0.0229	0.0287
xx5R29	0.0257	0.0254	0.0329
xx5SC406	0.0467	0.0466	0.0841
xx5SC408	0.0000	0.0000	0.0000
xx6SC406	0.0763	0.0763	0.0841
xx6SC408	0.0000	0.0000	0.0000
xx7C302	0.1412	0.1914	0.1378
xx7C308	0.0413	0.0494	0.0397
xx7C310	0.0038	0.0045	0.0036
xx7C311	0.0545	0.0638	0.0516
xx7C312	0.0043	0.0050	0.0041
xx7C323	0.0045	0.0053	0.0042
xx7C325	0.0000	0.0000	0.0000
xx7C405	0.8221	0.8225	0.7927
xx7C408	0.8221	0.8225	0.7927
xx7C425	0.3255	0.3294	0.3159
xx7C428	0.1562	0.1451	0.1357
xx7C430	0.2236	0.2277	0.2189
xx7C431	0.0856	0.0807	0.0740
xx7HC28	0.1998	0.2009	0.1911
xx7HC29	0.1998	0.2009	0.1911
xx7HC30	0.4040	0.4039	0.2527
xx7HC32	0.0353	0.0346	0.0322
xx7R1	0.1998	0.2009	0.1911
xx7R29	0.2482	0.2467	0.2491
xx7SC406	0.0025	0.0025	0.0070
xx7SC408	0.0000	0.0000	0.0000
y1HC28	0.0771	0.0776	0.0777
y1HC29	0.0771	0.0776	0.0777
y1HC30	0.0581	0.0587	0.0675
y1HC31	0.0680	0.0687	0.0678
y1R1	0.0771	0.0776	0.0777
y1R29	0.0692	0.0701	0.0679
y2HC28	0.0000	0.0000	0.0000
y2HC29	0.0000	0.0000	0.0000
y2HC30	0.0000	0.0000	0.0000
y2HC31	0.0000	0.0000	0.0000
y2R1	0.0000	0.0000	0.0000
y2R29	0.0000	0.0000	0.0000
y3HC28	0.7823	0.7830	0.7704
y3HC29	0.7823	0.7830	0.7704
y3HC30	0.7496	0.7507	0.7622
y3HC31	0.7737	0.7746	0.7627
y3R1	0.7823	0.7830	0.7704
y3R29	0.7768	0.7779	0.7628
y4HC28	0.1120	0.1107	0.1222

y4HC29	0.1120	0.1107	0.1222
y4HC30	0.1232	0.1218	0.1293
y4HC31	0.1178	0.1163	0.1291
y4R1	0.1120	0.1107	0.1222
y4R29	0.1171	0.1155	0.1290
y5HC28	0.0081	0.0081	0.0102
y5HC29	0.0081	0.0081	0.0102
y5HC30	0.0137	0.0135	0.0127
y5HC31	0.0102	0.0100	0.0126
y5R1	0.0081	0.0081	0.0102
y5R29	0.0097	0.0096	0.0126
y7HC28	0.0205	0.0206	0.0196
y7HC29	0.0205	0.0206	0.0196
y7HC30	0.0554	0.0553	0.0283
y7HC31	0.0304	0.0303	0.0278
y7R1	0.0205	0.0206	0.0196
y7R29	0.0272	0.0270	0.0277
yy1HC28	0.1000	0.1006	0.1007
yy1HC29	0.1000	0.1006	0.1007
yy1HC30	0.0767	0.0775	0.0880
yy1R1	0.1000	0.1006	0.1007
yy1R29	0.0902	0.0913	0.0886
yy2HC28	0.0000	0.0000	0.0000
yy2HC29	0.0000	0.0000	0.0000
yy2HC30	0.0000	0.0000	0.0000
yy2R1	0.0000	0.0000	0.0000
yy2R29	0.0000	0.0000	0.0000
yy3HC28	0.7698	0.7704	0.7580
yy3HC29	0.7698	0.7704	0.7580
yy3HC30	0.7513	0.7522	0.7549
yy3R1	0.7698	0.7704	0.7580
yy3R29	0.7682	0.7689	0.7552
yy4HC28	0.1102	0.1089	0.1203
yy4HC29	0.1102	0.1089	0.1203
yy4HC30	0.1235	0.1220	0.1281
yy4R1	0.1102	0.1089	0.1203
yy4R29	0.1158	0.1142	0.1277
yy5HC28	0.0065	0.0064	0.0080
yy5HC29	0.0065	0.0064	0.0080
yy5HC30	0.0111	0.0109	0.0102
yy5R1	0.0065	0.0064	0.0080
yy5R29	0.0077	0.0076	0.0101
yy7HC28	0.0136	0.0137	0.0130
yy7HC29	0.0136	0.0137	0.0130
yy7HC30	0.0374	0.0374	0.0189
yy7R1	0.0136	0.0137	0.0130

yy7R29	0.0181	0.0180	0.0185
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### **Operation Point #5**

Unmeasured Variables	Value From Data Validation	Value From Parameter Estimation	Value From Economic Optimization
C10pC623	0.0000	0.0000	0.0000
C10pC625	0.0001	0.0001	0.0001
C10pC627	0.0002	0.0002	0.0002
C10pC629	0.0002	0.0002	0.0002
C2C623	0.0159	0.0152	0.0153
C2C625	0.0153	0.0152	0.0152
C2C627	0.0148	0.0148	0.0148
C2C629	0.0152	0.0161	0.0162
C3C623	3.9123	3.4580	3.5475
C3C625	2.3635	2.6757	2.8591
C3C627	1.5465	1.5349	1.5399
C3C629	1.7118	1.8026	1.7939
C3pC623	1.2069	1.1899	1.1856
C3pC625	1.2238	1.1964	1.1897
C3pC627	1.2173	1.2186	1.2169
C3pC629	1.2013	1.2634	1.2677
C4pC623	0.0271	0.0302	0.0293
C4pC625	0.0454	0.0392	0.0365
C4pC627	0.0691	0.0697	0.0694
C4pC629	0.0616	0.0615	0.0620
C5pC623	0.0004	0.0005	0.0005
C5pC625	0.0011	0.0009	0.0007
C5pC627	0.0026	0.0026	0.0026
C5pC629	0.0021	0.0021	0.0021
C7pC623	0.0000	0.0001	0.0001
C7pC625	0.0003	0.0002	0.0001
C7pC627	0.0013	0.0014	0.0013
C7pC629	0.0009	0.0009	0.0009
C8pC623	0.0015	0.0019	0.0018
C8pC625	0.0040	0.0031	0.0027
C8pC627	0.0090	0.0091	0.0091
C8pC629	0.0074	0.0074	0.0075
C9pC623	0.4360	0.4688	0.4559
C9pC625	0.7051	0.6056	0.5655
C9pC627	1.0472	1.0545	1.0486
C9pC629	0.9537	0.9986	1.0097
CHXC623	13.5499	13.9568	13.8845
CHXC625	14.3531	14.1267	13.9904
CHXC627	14.6706	14.7169	14.7127
CHXC629	14.1181	14.0353	14.0353
CiC10pC623	0.0000	0.0000	0.0000
CiC10pC625	0.0000	0.0000	0.0000

CiC10pC627	0.0000	0.0000	0.0000
CiC10pC629	0.0000	0.0000	0.0000
CiC11pC623	0.0000	0.0000	0.0000
CiC11pC625	0.0001	0.0000	0.0000
CiC11pC627	0.0002	0.0002	0.0002
CiC11pC629	0.0001	0.0001	0.0002
CiC4eC623	0.0031	0.0031	0.0031
CiC4eC625	0.0031	0.0031	0.0031
CiC4eC627	0.0031	0.0031	0.0031
CiC4eC629	0.0031	0.0031	0.0031
CiC5eC623	0.0006	0.0007	0.0006
CiC5eC625	0.0010	0.0008	0.0008
CiC5eC627	0.0014	0.0014	0.0014
CiC5eC629	0.0013	0.0014	0.0014
CiC8eC623	0.0180	0.0196	0.0191
CiC8eC625	0.0286	0.0252	0.0236
CiC8eC627	0.0427	0.0430	0.0428
CiC8eC629	0.0394	0.0393	0.0396
Cost	159.8695	144.3776	144.9985
dTE601	10.4630	10.4741	10.6072
dTE602	79.8229	80.0559	79.3608
dTE603	11.4495	11.3107	10.0000
dTE605	24.4341	23.3108	22.5600
dTE609A	10.7362	10.0000	10.0000
dTE610	13.8909	10.7386	11.0974
dTE611	17.2455	17.3872	16.4341
dTE612	55.6000	55.6000	54.0104
dTE613	26.7722	26.2946	25.6545
dTE616	97.2545	97.6941	98.6477
dTE617	34.0941	31.7973	32.4545
dTE621A	28.9644	27.8860	28.8020
dTE621B	24.4914	26.8411	27.2130
dTE626	14.5752	11.9545	14.0590
dTE627A	55.0000	54.3898	54.8570
dTE627B	32.4475	30.4498	30.3325
dTE628	10.8044	11.8468	10.7853
dTE629	16.4952	16.4714	18.4973
dTE633	11.8016	11.4757	11.9835
dTE634	19.3767	19.3853	19.5470
dTE640	25.1385	24.7460	24.0007
dTE641	16.5192	18.7692	18.0633
dTE695A	76.0000	76.0000	76.0000
dTE695B	48.2578	48.0000	48.0061
dTE696A	51.8072	51.3347	51.7674
dTE696B	31.2947	30.6674	31.0195
dTE6XX	1.0000	1.0000	1.0057

Earnings	178.2143	175.8616	179.5249
f1C601	0.0001	0.0000	0.0000
f1C603	0.7426	0.7183	0.7170
f1C606A	0.0251	0.0235	0.0185
f2C601	0.9940	0.9933	0.9912
f3C601	0.1052	0.1012	0.0500
f3C603	1.0000	1.0000	1.0000
f3C606A	0.0063	0.0060	0.0047
f4C601	0.9962	0.9958	0.9945
f4C603	1.0000	1.0000	1.0000
f4C606A	0.8998	0.9030	0.9031
f5C601	1.0000	1.0000	1.0000
f5C603	1.0000	1.0000	1.0000
f5C606A	0.9877	0.9879	0.9885
f6C601	1.0000	1.0000	1.0000
f7C601	1.0000	1.0000	1.0000
f7C603	1.0000	1.0000	1.0000
f7C606A	0.9983	0.9982	0.9992
FAC05	6.7965	7.5762	7.5769
FAC07	6.9565	7.7362	7.7369
FAC09	8.6420	9.3436	9.3937
FAC15	8.7289	7.3990	7.3979
FAC18	8.8889	7.5590	7.5579
FAC20	10.1343	8.7760	8.8612
FAC26	17.6178	17.8321	17.8378
FAC29	17.7778	17.9921	17.9978
FAC31	19.2775	19.4940	19.5095
FAC37	15.8400	15.9389	15.9366
FAC40	16.0000	16.0989	16.0966
FAC42	17.5080	17.7088	17.7062
FC301	3.6375	3.6243	3.6874
FC302	0.4671	0.4573	0.3805
FC303	4.1047	4.0817	4.0679
FC306	4.8902	4.8696	4.8895
FC307	4.8902	4.8696	4.8895
FC309	3.1042	3.0696	3.1622
FC310	0.7855	0.7879	0.8216
FC311	2.3187	2.2817	2.3406
FC312	1.7860	1.8000	1.7273
FC315	1.7860	1.8000	1.7273
FC317	1.7325	1.7393	1.6673
FC318	1.7325	1.7393	1.6673
FC319	1.7325	1.7393	1.6673
FC321	0.0000	0.0991	0.0000
FC323	0.8023	0.7818	0.7728
FC324	0.8023	0.7818	0.7728

FC325	0.8023	0.7818	0.7728
FC326	0.8023	0.7818	0.7728
FC401	2.3011	2.3118	2.3941
FC402	2.3011	2.3118	2.3941
FC404	2.3011	2.3118	2.3941
FC405	0.9174	0.9052	0.9241
FC406	0.9174	0.9052	0.9241
FC408	3.2460	3.1891	3.1889
FC409	3.2460	3.1891	3.1889
FC410	0.8559	0.8441	0.8501
FC411	0.8559	0.8441	0.8501
FC413	0.0421	0.0418	0.0420
FC414	2.9453	2.9670	3.0643
FC415	2.9453	2.9670	3.0643
FC418	3.2204	3.1351	3.2273
FC419	3.2204	3.1351	3.2273
FC425	3.7962	3.8257	3.9698
FC426	2.9403	2.9815	3.1197
FC427	2.8789	2.9204	3.0457
FC428	2.0229	2.0763	2.1956
FC430	3.7962	3.8257	3.9698
FC431	2.8789	2.9204	3.0457
FC432	2.8367	2.8786	3.0038
FcwE603	0.2215	0.2475	0.2044
FcwE605	14.0160	15.0000	10.9505
FcwE609A	0.0997	0.1008	0.0978
FcwE611	2.7166	3.1563	2.8227
FcwE613	4.7300	5.0574	3.4295
FcwE617	1.7027	1.4978	1.5820
FcwE621A	5.5229	5.5349	6.0197
FcwE621B	3.5669	7.4069	7.5091
FcwE626	1.0696	0.8494	1.8974
FcwE627A	0.5504	0.6786	0.6844
FcwE627B	0.5283	0.8043	0.8010
FcwE634	7.1093	7.2352	7.4914
FcwE640	0.4000	0.4000	0.4000
FcwE641A	4.2911	4.4047	4.4397
FcwE641B	0.9047	0.6716	0.6726
FHC02	0.8668	0.8776	0.8941
FHC03	3.2204	3.2342	3.2273
FHC04	3.2204	3.2342	3.2273
FHC05	3.2204	3.2342	3.2273
FHC06	4.0871	4.1118	4.1214
FHC07	1.0514	1.0000	1.0000
FHC08	3.0357	3.1118	3.1214
FHC11	1.0280	1.0000	1.0000

FHC14	1.0000	1.0000	1.0000
FHC15	2.0077	2.1118	2.1214
FHC16	1.0077	1.1118	1.1214
FHC22	1.5080	1.6099	1.6097
FHC23	1.4997	1.5019	1.5117
FHC24	3.0077	3.1118	3.1214
FHC25	1.2455	1.2170	1.3034
FHC26	4.2532	4.3287	4.4248
FHC27	1.6855	1.6074	1.6567
FHC28	5.9387	5.9361	6.0815
FHC29	0.4826	0.5000	0.5303
FHC30	0.4826	0.5000	0.5303
FHC31	5.9387	5.9361	6.0815
FHC33	0.8515	0.8243	0.9601
FHC34	0.6341	0.6074	0.6567
FHC38	0.2174	0.2170	0.3034
FHC40	1.0000	1.0000	1.0000
FHC41	0.4997	0.5019	0.5117
FHC45	0.5003	0.4981	0.4883
FIHC28	3.0323	2.9560	3.0464
FIHC29	0.2464	0.2490	0.2656
FIHC30	0.0944	0.0949	0.1054
FIHC31	2.3011	2.3118	2.3941
FIR1	2.7858	2.7070	2.7808
FIR29	2.2068	2.2168	2.2887
FmC302	0.0075	0.0073	0.0067
FmC308	0.0527	0.0522	0.0545
FmC310	0.0139	0.0139	0.0146
FmC311	0.0389	0.0383	0.0400
FmC312	0.0318	0.0320	0.0308
FmC317	0.0306	0.0307	0.0295
FmC322	0.0277	0.0277	0.0283
FmC323	0.0142	0.0138	0.0137
FmC325	0.0182	0.0177	0.0175
FmC405	0.0112	0.0111	0.0113
FmC407	0.0112	0.0111	0.0113
FmC408	0.0397	0.0390	0.0390
FmC409	0.0397	0.0390	0.0390
FmC412	0.0007	0.0007	0.0007
FmC414	0.0515	0.0519	0.0536
FmC425	0.0562	0.0569	0.0592
FmC427	0.0450	0.0458	0.0479
FmC428	0.0323	0.0332	0.0352
FmC430	0.0585	0.0595	0.0619
FmC431	0.0473	0.0485	0.0506
FmC432	0.0467	0.0478	0.0499

FmHC01	0.0120	0.0121	0.0124
FmHC32	0.0314	0.0310	0.0333
FmIHC28	0.0476	0.0464	0.0478
FmIHC29	0.0039	0.0039	0.0042
FmIHC30	0.0014	0.0014	0.0015
FmIR1	0.0437	0.0425	0.0437
FmIR29	0.0339	0.0342	0.0353
FmSC403	0.0063	0.0067	0.0058
FmSC406	0.0259	0.0274	0.0266
FmSC408	0.0269	0.0285	0.0276
FmvHC28	0.0508	0.0521	0.0531
FmvHC29	0.0041	0.0044	0.0046
FmvHC30	0.0067	0.0069	0.0073
FmvR1	0.0467	0.0477	0.0484
FmvR29	0.0565	0.0561	0.0568
FR1	5.4560	5.4361	5.5512
FR29	5.4560	5.4361	5.5512
FSC401	0.5326	0.5686	0.5073
FSC403	0.3798	0.4005	0.3443
FSC404	0.3798	0.4005	0.3443
FSC406	1.5499	1.6417	1.5923
FSC407	1.5499	1.6417	1.5923
FSC408	1.5499	1.6417	1.5923
FSC409	1.5499	1.6417	1.5923
FSC412	0.1528	0.1681	0.1630
FSC414	0.1223	0.0000	0.0000
FstmE602	0.2173	0.2300	0.2280
FstmE695A	0.4049	0.3980	0.3979
FstmE695B	0.1010	0.1000	0.1000
FstmE696A	0.1139	0.1120	0.1130
FstmE696B	0.0191	0.0187	0.0189
FvHC28	2.9064	2.9801	3.0351
FvHC29	0.2362	0.2510	0.2647
FvHC30	0.3883	0.4051	0.4249
FvHC31	3.6375	3.6243	3.6874
FvR1	2.6702	2.7291	2.7705
FvR29	3.2493	3.2192	3.2625
h1C601	1.0921	1.0940	1.0767
h1C603	-0.3479	-0.3927	-0.3954
h1C606A	1.0048	1.0086	0.9975
h2C601	0.5575	0.5428	0.5922
h3C601	6.0000	6.0000	2.8111
h3C603	0.2547	0.2321	0.2383
h3C606A	-65.0000	-35.0000	-65.0000
h4C601	0.5786	0.5648	0.6138
h4C603	0.3239	0.3027	0.3091

h4C606A	0.0000	0.0000	0.0000
h5C601	0.8795	0.8744	0.9053
h5C603	0.4244	0.4051	0.4120
h5C606A	0.4930	0.4921	0.4895
h6C601	0.9054	0.9007	0.9298
h7C601	0.9494	0.9452	0.9712
h7C603	0.4936	0.4739	0.4809
h7C606A	0.5590	0.5587	0.5553
hAC02	9.6649	9.6649	10.4207
hAC05	351.7639	400.1286	395.5742
hAC07	361.4289	409.7935	405.9949
hAC09	1290.5117	1243.8284	1267.4392
hAC12	8.2810	8.4502	8.3532
hAC15	410.7825	335.2107	331.9593
hAC18	419.0635	343.6609	340.3125
hAC20	1087.5690	995.8913	1049.4184
hAC23	7.5296	7.2488	7.1796
hAC26	695.7448	719.7573	723.5800
hAC29	703.2744	727.0061	730.7596
hAC31	1490.3812	1511.9075	1522.9424
hAC34	6.3140	6.4524	6.4843
hAC37	592.3161	598.5234	582.8205
hAC40	598.6300	604.9758	589.3048
hAC42	1519.4636	1602.2381	1573.8410
hacAC09	417.9906	404.6114	409.6784
hacAC20	419.6419	362.5381	375.2304
hacAC31	713.4553	727.8313	731.9344
hacAC42	730.4439	757.5266	740.8864
hC301	3206.7124	3192.3692	3240.4659
hC302	391.6957	383.5678	324.5506
hC303	3598.4081	3575.9370	3565.0166
hC306	4694.3767	4673.7245	4689.6721
hC307	3139.9794	3132.5276	3135.7983
hC308	1986.3809	1967.7502	2023.1023
hC309	1950.8829	1932.8064	1989.2109
hC310	697.6022	699.7429	728.3439
hC311	1253.2807	1233.0636	1260.8670
hC312	1672.8997	1686.9192	1616.5325
hC312liq	1153.5984	1164.7774	1112.6961
hC315	1060.7671	1097.4558	1047.9120
hC316	1234.2849	1259.0722	1214.9277
hC317	1263.8081	1268.7619	1224.7187
hC318	1090.2904	1107.1455	1057.7029
hC319	995.9189	1000.2174	956.6365
hC321	0.0000	56.9665	0.0000
hC322	902.4339	901.9009	918.0241

hC323	585.2261	570.3170	567.6445
hC324	775.9296	756.1622	748.1933
hC325	758.5112	739.1848	731.4892
hC326	527.6976	514.2468	512.0813
hC329	492.5178	474.3288	472.3314
hC401	1200.7369	1203.3541	1237.7273
hC402	1205.5286	1208.6082	1242.5106
hC403	1266.8082	1269.7995	1311.2282
hC404	1318.3530	1321.5774	1363.5115
hC405	737.3736	727.6266	742.7844
hC406	685.8287	675.8487	690.5011
hC407	497.9019	491.3202	502.1517
hC408	2564.7064	2519.7096	2519.5749
hC408vap	3342.1864	3283.8286	3283.6257
hC409	3536.0378	3475.8286	3475.6257
hC410	604.2391	597.3986	601.0664
hC410vap	848.5620	837.6393	843.3705
hC411	889.5581	877.8136	884.0059
hC412	41.9385	41.7165	41.8615
hC412liq	30.3885	30.2946	30.3416
hC413	23.7368	23.5076	23.5824
hC414	2784.4531	2805.0808	2897.1862
hC414liq	1959.5879	1974.1008	2038.8932
hC415	1739.9002	1756.1676	1817.9508
hC417	160.8680	96.3119	93.3703
hC418	1900.7681	1852.4794	1911.3211
hC419	1878.3224	1825.3273	1879.3838
hC425	2679.8777	2707.4621	2806.7669
hC426	2075.6387	2110.0635	2205.7005
hC427	2909.7374	2950.5143	3075.7729
hC428	2020.1794	2072.7008	2191.7670
hC430	2655.4002	2670.5600	2770.3373
hC431	2866.8748	2913.1854	3039.5981
hC432	2824.9363	2871.4690	2997.7365
hC623	64.0155	10.0000	10.0000
hC625	10.0000	10.0000	26.4613
hC627	12.4322	10.0000	10.0000
hC629	141.7123	163.6128	148.2904
hHC01	457.1590	463.8651	467.1193
hHC02	452.3673	458.6111	462.3360
hHC03	1878.3224	1882.2938	1879.3838
hHC04	1817.0429	1821.1025	1810.6662
hHC05	1763.4164	1766.7095	1753.8650
hHC06	2215.7837	2225.3206	2216.2010
hHC07	570.0050	541.2093	537.7302
hHC11	557.3208	541.2093	537.7302



hHC14	542.1365	541.2093	537.7302
hHC16	546.3215	601.6927	603.0103
hHC29	335.2868	349.3870	368.5491
hHC30	388.9132	403.7800	425.3504
hHC31	4407.4493	4395.7233	4478.1933
hHC32	861.5850	849.4958	936.3164
hHC34	295.0624	282.8256	313.7140
hHC38	101.1847	101.0212	144.9143
hHC41	232.5381	233.6922	244.4525
hHC45	232.7998	231.9568	233.2356
hHC29	127.7056	128.8522	136.5593
hHC30	48.2026	48.4216	53.4598
hHC31	1200.7369	1203.3541	1237.7273
hIR1	1443.6960	1400.8058	1429.5463
hIR29	1139.5830	1143.7482	1173.1871
hR1	3790.3761	3798.3306	3858.0911
hR29	4018.5361	3991.9434	4052.8429
hSC401	327.7517	349.5671	312.1529
hSC402	331.1417	353.1068	315.7396
hSC403	245.3999	258.4546	222.8278
hSC404	242.0099	254.9148	219.2411
hSC405	213.9585	225.5609	193.2907
hSC406	1001.4861	1059.3770	1030.5932
hSC407	1467.6520	1552.7065	1519.5512
hSC408	1426.8219	1510.9118	1466.1059
hSC409	956.2217	1012.0602	983.3223
hSC411	861.9291	908.4397	882.6442
hSC412	94.2927	103.6205	100.6781
hSC413	87.2068	96.3119	93.3703
hSC414	73.6612	0.0000	0.0000
hvHC29	207.5812	220.5348	231.9899
hvHC30	340.7106	355.3583	371.8906
hvHC31	3206.7124	3192.3692	3240.4659
hvR1	2346.6801	2397.5248	2428.5449
hvR29	2878.9531	2848.1951	2879.6558
K1C323	2.0336	2.0337	2.0170
K1C325	1.0000	1.0000	1.0000
K1C408	7.9557	7.9557	7.9557
K1C414	2.5197	2.5199	2.5207
K1C428	4.2664	4.2230	4.1856
K1C430	3.7742	3.7077	3.6947
K1C601	2.6216	2.6238	2.6368
K1C603	1.2673	1.3050	1.2957
K1C606A	1.8484	1.8357	1.8173
K1C606C	4.1284	4.1623	4.1312
K1C614B	2.7002	2.6906	3.2635

K1C615_A	2.4442	2.4331	2.3728
K1C616_A	2.9088	2.9014	2.8055
K1E633	5.1745	5.1673	5.0850
K1E6XX	3.9801	3.9376	3.9302
K1SC406	3.4876	3.4905	3.5201
K1SC408	2.4704	2.4747	2.4906
K2C601	0.7683	0.7681	0.7737
K2E633	1.4645	1.4625	1.4391
K2E6XX	1.1264	1.1144	1.1123
K2SC406	1.0880	1.0878	1.1003
K2SC408	0.7144	0.7150	0.7215
K3C323	0.8935	0.8935	0.8893
K3C325	0.4011	0.4011	0.4030
K3C408	3.8360	3.8360	3.8360
K3C414	1.0500	1.0501	1.0505
K3C428	1.9006	1.8789	1.8602
K3C430	1.6557	1.6228	1.6164
K3C601	1.0471	1.0473	1.0540
K3C603	0.5243	0.5419	0.5401
K3C606A	0.7398	0.7340	0.7257
K3C606C	1.8290	1.8459	1.8304
K3C614B	0.8277	0.8254	1.0315
K3C615_A	0.9975	0.9941	0.9663
K3C616_A	1.0444	1.0415	1.0013
K3E633	1.7434	1.7410	1.7133
K3E6XX	1.3410	1.3267	1.3242
K3SC406	1.4460	1.4464	1.4612
K3SC408	0.9789	0.9801	0.9880
K4C323	0.6786	0.6786	0.6766
K4C325	0.2894	0.2894	0.2916
K4C408	3.0229	3.0229	3.0229
K4C414	0.7747	0.7748	0.7751
K4C428	1.4535	1.4360	1.4209
K4C430	1.2565	1.2301	1.2250
K4C601	0.7535	0.7535	0.7588
K4C603	0.3852	0.3990	0.3985
K4C606A	0.5330	0.5286	0.5222
K4C606C	1.3949	1.4086	1.3961
K4C614B	0.5120	0.5107	0.6480
K4C615_A	0.7205	0.7184	0.6971
K4C616_A	0.7031	0.7010	0.6718
K4E633	1.1437	1.1421	1.1239
K4E6XX	0.8797	0.8703	0.8687
K4SC406	1.0637	1.0636	1.0757
K4SC408	0.7012	0.7018	0.7082
K5C323	0.3104	0.3105	0.3107

K5C325	0.1194	0.1194	0.1210
K5C408	1.5088	1.5088	1.5088
K5C414	0.3343	0.3343	0.3344
K5C428	0.6747	0.6657	0.6579
K5C430	0.5739	0.5605	0.5579
K5C601	0.3095	0.3092	0.3119
K5C603	0.1648	0.1715	0.1720
K5C606A	0.2194	0.2174	0.2144
K5C606C	0.6438	0.6508	0.6444
K5C614B	0.1403	0.1401	0.1839
K5C615_A	0.2764	0.2760	0.2667
K5C616_A	0.2312	0.2305	0.2194
K5E633	0.3905	0.3900	0.3838
K5E6XX	0.3004	0.2972	0.2966
K5SC406	0.4563	0.4559	0.4620
K5SC408	0.2853	0.2854	0.2885
K6C601	0.2409	0.2406	0.2429
K6SC406	0.3623	0.3619	0.3671
K6SC408	0.2211	0.2211	0.2237
K7C323	0.1211	0.1211	0.1219
K7C325	0.0399	0.0399	0.0408
K7C408	0.6737	0.6737	0.6737
K7C414	0.1193	0.1193	0.1194
K7C428	0.2691	0.2650	0.2614
K7C430	0.2233	0.2173	0.2161
K7C601	0.1026	0.1024	0.1036
K7C603	0.0581	0.0608	0.0614
K7C606A	0.0730	0.0722	0.0710
K7C614B	0.0327	0.0327	0.0450
K7C615_A	0.1054	0.1054	0.1013
K7C616_A	0.0703	0.0701	0.0660
K7E633	0.0948	0.0947	0.0932
K7E6XX	0.0730	0.0722	0.0720
K7SC406	0.1614	0.1611	0.1638
K7SC408	0.0933	0.0932	0.0945
Kp1C601	3.1191	3.1205	3.1394
Kp1C603	1.7977	1.8461	1.8265
Kp1C606A	2.3182	2.2797	2.2532
Kp1C606D	6.1359	6.1076	6.0831
Kp2C601	0.9498	0.9492	0.9573
Kp3C601	1.2746	1.2743	1.2840
Kp3C603	0.7777	0.8013	0.7953
Kp3C606A	0.9557	0.9378	0.9255
Kp3C606D	2.8615	2.8467	2.8338
Kp4C601	0.9298	0.9292	0.9371
Kp4C603	0.5858	0.6047	0.6012

Kp4C606A	0.7008	0.6868	0.6771
Kp4C606D	2.2317	2.2196	2.2091
Kp5C601	0.3922	0.3916	0.3956
Kp5C603	0.2636	0.2731	0.2724
Kp5C606A	0.2986	0.2919	0.2873
Kp5C606D	1.0830	1.0766	1.0710
Kp6C601	0.3090	0.3085	0.3119
Kp7C601	0.1353	0.1350	0.1367
Kp7C603	0.1002	0.1044	0.1047
Kp7C606A	0.1046	0.1019	0.1000
Kp7C606D	0.4626	0.4595	0.4568
kWad1	173.2092	172.1072	170.2204
kWad2	286.7908	287.8928	289.7796
LpC601	1.9297	2.0423	1.9365
LpC603	2.5348	2.5211	2.4401
LpC606A	2.7205	2.7170	2.7896
PC303	101.0000	101.0000	101.0000
PC306	859.7828	870.0000	870.0000
PC307	789.7828	800.0000	800.0000
PC308	789.7828	800.0000	800.0000
PC309	769.7828	780.0000	780.0000
PC311	261.2705	261.5265	260.0000
PC312	789.7828	800.0000	800.0000
PHC30	103.9619	104.1061	105.7921
PHC32	101.0000	101.8074	101.0000
PR29	135.1612	136.6196	136.8753
Profit	10.1323	23.2749	26.3210
Q2HC07	0.0365	0.0347	0.0346
Q2HC11	0.0357	0.0347	0.0346
Q2HC14	0.0347	0.0347	0.0346
Q2HC16	0.0350	0.0386	0.0388
qFp1C606A	0.0606	0.0566	0.0448
qFp3C606A	0.0062	0.0059	0.0046
qFp4C606A	0.8656	0.8703	0.8714
qFp5C606A	0.5981	0.6029	0.6004
qFp7C606A	0.2784	0.2228	0.2212
qS1C606A	0.7506	0.7450	0.7576
qS3C606A	0.5181	0.5143	0.5113
qS4C606A	0.0476	0.0455	0.0443
qS5C606A	0.0298	0.0293	0.0279
qS7C606A	0.0124	0.0135	0.0057
r10C623	0.0000	0.0000	0.0000
r10C625	0.0000	0.0000	0.0000
r10C627	0.0000	0.0000	0.0000
r10C629	0.0000	0.0000	0.0000
r2C623	0.0092	0.0087	0.0087

r2C625	0.0090	0.0087	0.0087
r2C627	0.0087	0.0087	0.0087
r2C629	0.0088	0.0097	0.0098
r3C623	0.0106	0.0102	0.0101
r3C625	0.0105	0.0102	0.0101
r3C627	0.0102	0.0102	0.0102
r3C629	0.0103	0.0112	0.0113
r4C623	0.0015	0.0014	0.0014
r4C625	0.0015	0.0015	0.0014
r4C627	0.0015	0.0015	0.0015
r4C629	0.0015	0.0015	0.0015
r5C623	0.0000	0.0000	0.0000
r5C625	0.0000	0.0000	0.0000
r5C627	0.0000	0.0000	0.0000
r5C629	0.0000	0.0000	0.0000
r7C623	0.0000	0.0000	0.0000
r7C625	0.0000	0.0000	0.0000
r7C627	0.0000	0.0000	0.0000
r7C629	0.0000	0.0000	0.0000
r8C623	0.0000	0.0000	0.0000
r8C625	0.0000	0.0000	0.0000
r8C627	0.0000	0.0000	0.0000
r8C629	0.0000	0.0000	0.0000
r9C623	0.0092	0.0087	0.0087
r9C625	0.0090	0.0087	0.0087
r9C627	0.0087	0.0087	0.0087
r9C629	0.0088	0.0097	0.0097
rho2HC07	650.0000	650.0000	650.0000
rho2HC11	650.0000	650.0000	650.0000
rho2HC14	650.0000	650.0000	650.0000
rho2HC16	650.0000	650.0000	650.0000
rhoAC09	1700.0000	1700.0000	1700.0000
rhoAC20	1700.0000	1700.0000	1700.0000
rhoAC31	1700.0000	1700.0000	1700.0000
rhoAC42	1700.0000	1700.0000	1700.0000
riC10C623	0.0000	0.0000	0.0000
riC10C625	0.0000	0.0000	0.0000
riC10C627	0.0000	0.0000	0.0000
riC10C629	0.0000	0.0000	0.0000
riC11C623	0.0000	0.0000	0.0000
riC11C625	0.0000	0.0000	0.0000
riC11C627	0.0000	0.0000	0.0000
riC11C629	0.0000	0.0000	0.0000
sf1S34	0.0939	0.0413	0.0404
sf2S34	0.0000	0.0570	0.0000
sfS11	0.4981	0.4735	0.4714

sfS19	0.4599	0.4519	0.4898
sfS2	0.9187	0.9158	0.9128
sfS23	0.7446	0.7368	0.6840
sfS27	0.4997	0.5019	0.5117
sfS41	0.9854	0.9857	0.9862
sfS42	0.7745	0.7794	0.7859
sfS5	0.2573	0.2432	0.2426
sfS7	0.3386	0.3214	0.3204
Sm1C601	2.5052	2.5085	2.5813
Sm1C603	0.5690	0.5725	0.5784
Sm1C606A	2.4173	2.4153	2.4262
Sm1C606D	2.9353	2.9409	2.9458
Sm2C601	0.7629	0.7630	0.7871
Sm3C601	1.0237	1.0244	1.0557
Sm3C603	0.2461	0.2485	0.2519
Sm3C606A	0.9966	0.9936	0.9966
Sm3C606D	1.3076	1.3085	1.3092
Sm4C601	0.7468	0.7470	0.7705
Sm4C603	0.1854	0.1875	0.1904
Sm4C606A	0.7307	0.7276	0.7291
Sm4C606D	1.0000	1.0000	1.0000
Sm5C601	0.3150	0.3148	0.3253
Sm5C603	0.0834	0.0847	0.0863
Sm5C606A	0.3114	0.3093	0.3094
Sm5C606D	0.4642	0.4636	0.4630
Sm6C601	0.2482	0.2480	0.2565
Sm7C601	0.1087	0.1085	0.1124
Sm7C603	0.0317	0.0324	0.0332
Sm7C606A	0.1091	0.1080	0.1077
Sm7C606D	0.1851	0.1845	0.1840
Sn1C601	2.9084	2.9231	2.9375
Sn1C603	1.3579	1.4149	1.4048
Sn1C606A	3.4678	3.4729	3.4803
Sn2C601	0.8523	0.8557	0.8620
Sn3C601	1.1616	1.1668	1.1742
Sn3C603	0.5617	0.5875	0.5855
Sn3C606A	1.3879	1.3886	1.3898
Sn4C601	0.8360	0.8394	0.8454
Sn4C603	0.4127	0.4326	0.4321
Sn4C606A	1.0000	1.0000	1.0000
Sn5C601	0.3433	0.3445	0.3475
Sn5C603	0.1766	0.1859	0.1865
Sn5C606A	0.4117	0.4112	0.4106
Sn6C601	0.2672	0.2680	0.2706
Sn7C601	0.1138	0.1141	0.1154
Sn7C603	0.0622	0.0660	0.0666

Sn7C606A	0.1370	0.1366	0.1361
TAC02	276.0000	276.0000	290.0000
TAC05	280.0184	281.8819	280.0000
TAC07	280.0079	281.8263	280.2772
TAC15	288.2881	281.4085	280.0000
TAC18	288.2002	281.4886	280.0696
TAC20	288.2881	281.4085	280.0000
TAC26	280.2379	281.9208	282.4502
TAC29	280.4303	282.0550	282.5730
TAC37	282.4759	283.0847	280.0000
TAC40	282.4878	283.1146	280.0671
TC301	284.9150	284.2552	282.6563
TC302	256.1720	256.2979	261.6846
TC309	324.4490	324.8749	323.9381
TC310	289.4392	289.3810	287.9281
TC311	289.4392	289.3810	287.9281
TC312	328.8342	329.2338	328.0287
TC318	322.9118	325.6590	324.7318
TC319	301.5178	301.6095	300.9895
TC320	301.5178	301.6095	300.9895
TC322	301.5178	301.6095	300.9895
TC323	359.0000	359.0000	360.5896
TC326	322.5856	322.5828	324.2656
TC328	322.5856	322.5828	324.2656
TC329	322.5856	322.5828	324.2656
TC401	284.9150	284.2552	282.6563
TC402	285.8306	285.2549	283.5376
TC403	297.3956	296.7538	296.0328
TC406	389.0412	388.6538	388.8918
TC409	460.4845	461.0000	460.9878
TC411	403.8178	404.6000	404.3285
TC412	362.7928	363.2653	362.8326
TC413	301.9727	301.0000	301.0000
TC415	308.2100	308.6679	309.2213
TC417	307.1703	300.9839	300.9817
TC425	362.7928	363.2653	362.8326
TC426	362.7928	363.2653	362.8326
TC427	375.4674	374.8454	374.0812
TC428	365.3505	364.7551	364.2368
TC430	358.3101	357.3087	357.1114
TC431	362.7928	363.2653	362.8326
TC432	362.7928	363.2653	362.8326
TcwotE609A	306.9265	308.2623	308.8018
TcwotE621A	325.5855	326.7615	324.9618
TcwotE621B	304.6752	298.0000	298.0000
TcwotE627A	295.0000	295.0000	295.0000

TcwotE627B	293.0000	293.0000	293.0000
TcwotE641A	318.8342	319.2338	318.0287
TcwotE641B	314.4490	314.8749	313.9381
TcwoutE603	320.1760	319.2463	321.2329
TcwoutE605	298.0000	298.9134	301.4941
TcwoutE611	298.2769	299.0614	299.5207
TcwoutE613	301.6269	301.5869	306.2328
TcwoutE617	316.2972	320.3435	319.3573
TcwoutE626	295.0000	298.6056	295.0000
TcwoutE634	342.0947	341.7432	340.4104
TcwoutE640	311.1449	311.8042	311.1773
THC01	297.4813	298.0127	295.1483
THC02	294.9150	295.2354	292.6563
THC03	305.3956	304.7538	304.8909
THC04	297.6735	297.0723	296.2386
THC05	290.7940	290.1209	288.9465
THC06	291.5920	291.1180	289.6820
THC07	291.5920	291.1180	289.6820
THC11	291.5920	291.1180	289.6820
THC14	291.5920	291.1180	289.6820
THC16	291.5920	291.1180	289.6820
THC22	282.4759	283.0847	280.0000
THC23	280.2379	281.9208	282.4502
THC24	281.3600	282.5229	281.1867
THC25	288.2881	281.4085	280.0000
THC26	283.3887	282.2096	280.8371
THC27	280.0184	281.8819	280.0000
THC28	282.4322	282.1209	280.6091
THC29	282.4322	282.1209	280.6091
THC30	282.4322	282.1209	280.6091
THC31	284.9150	284.2552	282.6563
THC34	256.1720	256.2979	261.6846
THC38	256.1720	256.2979	261.6846
THC41	256.1720	256.2979	261.6846
THC45	256.1720	256.2979	261.6846
TmC601	329.3071	329.0627	329.6199
TmC603	352.1371	353.5930	355.0014
TmC606A	332.6112	331.7909	331.2197
TmC606D	387.6752	387.3776	387.1184
TmK601	308.1490	307.6602	306.8199
TnC601	321.1356	320.9217	321.4012
TnC603	333.9299	335.3844	336.8394
TnC606A	321.8347	321.5173	321.0528
TR1	282.4322	282.1209	280.6091
TR29	282.4322	282.1209	280.6091
TSC401	321.3437	321.1404	321.2329



TSC404	331.3437	331.1404	331.2329
TSC406	334.7771	334.5441	335.2392
TSC407	334.7771	334.5441	335.2392
TSC409	318.4341	318.2623	318.8018
TSC411	318.4341	318.2623	318.8018
TSC412	318.4341	318.2623	318.8018
TSC414	320.0000	320.0000	320.0000
Utilities	8.2125	8.2092	8.2054
VFC614B	0.2015	0.2004	0.1626
VFC615	0.3652	0.3696	0.3533
VFC616	0.2531	0.2567	0.2598
VFM3	0.4894	0.5020	0.4991
VpC601	1.5499	1.6417	1.5923
VpC603	0.8023	0.7818	0.7728
VpC606A	2.8367	2.8786	3.0038
x10AC09	0.0000	0.0000	0.0000
x10AC20	0.0000	0.0000	0.0000
x10AC31	0.0000	0.0000	0.0000
x10AC42	0.0000	0.0000	0.0000
x11AC02	0.9980	0.9980	0.9980
x11AC05	0.9704	0.9717	0.9718
x11AC07	0.9710	0.9723	0.9723
x11AC09	0.7811	0.8046	0.8004
x11AC15	0.9434	0.9455	0.9456
x11AC18	0.9438	0.9460	0.9462
x11AC20	0.8274	0.8144	0.8065
x11AC26	0.9171	0.9192	0.9194
x11AC29	0.9173	0.9194	0.9196
x11AC31	0.8457	0.8484	0.8482
x11AC37	0.8906	0.8900	0.8900
x11AC40	0.8908	0.8903	0.8903
x11AC42	0.8139	0.8091	0.8091
x12AC02	0.0020	0.0020	0.0020
x12AC05	0.0296	0.0283	0.0282
x12AC07	0.0290	0.0277	0.0277
x12AC09	0.0239	0.0234	0.0232
x12AC12	0.0296	0.0283	0.0282
x12AC15	0.0567	0.0545	0.0544
x12AC18	0.0562	0.0540	0.0539
x12AC20	0.0497	0.0470	0.0464
x12AC23	0.0567	0.0545	0.0544
x12AC26	0.0829	0.0808	0.0806
x12AC29	0.0827	0.0806	0.0804
x12AC31	0.0765	0.0746	0.0744
x12AC34	0.0829	0.0808	0.0806
x12AC37	0.1094	0.1100	0.1100

x12AC40	0.1092	0.1097	0.1097
x12AC42	0.1000	0.1000	0.1000
x12AC45	0.1094	0.1100	0.1100
x1AC09	0.0089	0.0081	0.0081
x1AC20	0.0065	0.0076	0.0077
x1AC31	0.0037	0.0038	0.0037
x1AC42	0.0041	0.0045	0.0045
x1C301	0.0687	0.0713	0.0703
x1C302	0.0579	0.0596	0.0816
x1C303	0.0675	0.0700	0.0713
x1C306	0.0714	0.0739	0.0757
x1C307	0.0714	0.0739	0.0757
x1C308	0.0455	0.0470	0.0500
x1C309	0.0455	0.0470	0.0500
x1C310	0.0915	0.0940	0.0972
x1C311	0.0299	0.0308	0.0334
x1C312	0.1163	0.1197	0.1227
x1C315	0.1163	0.1197	0.1227
x1C317	0.0891	0.0890	0.0911
x1C318	0.0891	0.0890	0.0911
x1C319	0.0891	0.0890	0.0911
x1C320	0.0891	0.0890	0.0911
x1C321	0.0891	0.0890	0.0911
x1C322	0.0891	0.0890	0.0911
x1C323	0.0891	0.0890	0.0911
x1C324	0.0891	0.0890	0.0911
x1C326	1.0000	1.0000	1.0000
x1C328	1.0000	1.0000	1.0000
x1C329	1.0000	1.0000	1.0000
x1C401	0.0153	0.0161	0.0159
x1C402	0.0153	0.0161	0.0159
x1C403	0.0153	0.0161	0.0159
x1C404	0.0153	0.0161	0.0159
x1C405	0.0000	0.0000	0.0000
x1C406	0.0000	0.0000	0.0000
x1C407	0.0000	0.0000	0.0000
x1C408	0.0000	0.0000	0.0000
x1C409	0.0000	0.0000	0.0000
x1C410	0.0009	0.0008	0.0006
x1C411	0.0009	0.0008	0.0006
x1C412	0.0040	0.0037	0.0029
x1C413	0.0040	0.0037	0.0029
x1C414	0.0617	0.0617	0.0617
x1C415	0.0617	0.0617	0.0617
x1C418	0.0581	0.0599	0.0596
x1C419	0.0581	0.0599	0.0596

x1C425	0.0009	0.0008	0.0006
x1C426	0.0009	0.0008	0.0006
x1C427	0.0011	0.0010	0.0008
x1C428	0.0013	0.0011	0.0009
x1C430	0.0012	0.0012	0.0009
x1C431	0.0040	0.0037	0.0029
x1C432	0.0040	0.0037	0.0029
x1HC01	0.0644	0.0638	0.0646
x1HC02	0.0644	0.0638	0.0646
x1HC03	0.0581	0.0608	0.0596
x1HC04	0.0581	0.0608	0.0596
x1HC05	0.0581	0.0608	0.0596
x1HC06	0.0594	0.0614	0.0607
x1HC07	0.0594	0.0614	0.0607
x1HC08	0.0594	0.0614	0.0607
x1HC11	0.0594	0.0614	0.0607
x1HC14	0.0594	0.0614	0.0607
x1HC15	0.0594	0.0614	0.0607
x1HC16	0.0594	0.0614	0.0607
x1HC22	0.0473	0.0497	0.0496
x1HC23	0.0472	0.0488	0.0483
x1HC24	0.0473	0.0493	0.0489
x1HC25	0.0530	0.0547	0.0521
x1HC26	0.0490	0.0508	0.0499
x1HC27	0.0457	0.0471	0.0461
x1HC28	0.0190	0.0193	0.0191
x1HC29	0.0190	0.0193	0.0191
x1HC30	0.0093	0.0096	0.0096
x1HC31	0.0153	0.0161	0.0159
x1HC32	0.0228	0.0235	0.0241
x1HC33	0.0228	0.0235	0.0241
x1HC34	0.0228	0.0235	0.0241
x1HC38	0.0228	0.0235	0.0241
x1HC40	0.0228	0.0235	0.0241
x1HC41	0.0228	0.0235	0.0241
x1HC45	0.0228	0.0235	0.0241
x1R1	0.0190	0.0193	0.0191
x1R29	0.0156	0.0164	0.0162
x1SC401	0.0088	0.0087	0.0064
x1SC404	0.0000	0.0000	0.0000
x1SC405	0.0000	0.0000	0.0000
x1SC406	0.0000	0.0000	0.0000
x1SC407	0.0000	0.0000	0.0000
x1SC409	0.0305	0.0293	0.0200
x1SC411	0.0305	0.0293	0.0200
x1SC412	0.0305	0.0293	0.0200

x1SC413	0.0305	0.0293	0.0200
x1SC414	0.0069	0.1000	0.1000
x2AC09	0.0000	0.0000	0.0000
x2AC20	0.0000	0.0000	0.0000
x2AC31	0.0000	0.0000	0.0000
x2AC42	0.0000	0.0000	0.0000
x2C301	0.0000	0.0000	0.0000
x2C417	0.0445	0.0002	0.0002
x2C418	0.0017	0.0016	0.0010
x2C419	0.0017	0.0016	0.0010
x2HC01	0.1000	0.1000	0.1000
x2HC02	0.1000	0.1000	0.1000
x2HC03	0.0017	0.0015	0.0010
x2HC04	0.0017	0.0015	0.0010
x2HC05	0.0017	0.0015	0.0010
x2HC06	0.0226	0.0225	0.0225
x2HC07	0.0226	0.0225	0.0225
x2HC08	0.0226	0.0225	0.0225
x2HC11	0.0226	0.0225	0.0225
x2HC14	0.0226	0.0225	0.0225
x2HC15	0.0226	0.0225	0.0225
x2HC16	0.0226	0.0225	0.0225
x2HC22	0.0000	0.0000	0.0000
x2HC23	0.0000	0.0000	0.0000
x2HC24	0.0000	0.0000	0.0000
x2HC25	0.0000	0.0000	0.0000
x2HC26	0.0000	0.0000	0.0000
x2HC27	0.0000	0.0000	0.0000
x2HC28	0.0000	0.0000	0.0000
x2HC29	0.0000	0.0000	0.0000
x2HC30	0.0000	0.0000	0.0000
x2HC31	0.0000	0.0000	0.0000
x2R1	0.0000	0.0000	0.0000
x2R29	0.0000	0.0000	0.0000
x2SC401	0.0055	0.0067	0.0077
x2SC404	0.0077	0.0095	0.0112
x2SC405	0.0077	0.0095	0.0112
x2SC406	0.0077	0.0095	0.0112
x2SC407	0.0077	0.0095	0.0112
x2SC409	0.0001	0.0002	0.0002
x2SC411	0.0001	0.0002	0.0002
x2SC412	0.0001	0.0002	0.0002
x2SC413	0.0001	0.0002	0.0002
x2SC414	0.1000	0.1000	0.1000
x3AC09	0.1337	0.1182	0.1212
x3AC20	0.0808	0.0914	0.0977

x3AC31	0.0529	0.0525	0.0526
x3AC42	0.0585	0.0616	0.0613
x3C301	0.7815	0.7802	0.7805
x3C302	0.6022	0.6006	0.8284
x3C303	0.7611	0.7600	0.7850
x3C306	0.7693	0.7681	0.7895
x3C307	0.7693	0.7681	0.7895
x3C308	0.7570	0.7567	0.7894
x3C309	0.7570	0.7567	0.7894
x3C310	0.8122	0.8100	0.8115
x3C311	0.7384	0.7382	0.7817
x3C312	0.7906	0.7877	0.7895
x3C315	0.7906	0.7877	0.7895
x3C317	0.8150	0.8151	0.8179
x3C318	0.8150	0.8151	0.8179
x3C319	0.8150	0.8151	0.8179
x3C320	0.8150	0.8151	0.8179
x3C321	0.8150	0.8151	0.8179
x3C322	0.8150	0.8151	0.8179
x3C323	0.8150	0.8151	0.8179
x3C324	0.8150	0.8151	0.8179
x3C326	0.0000	0.0000	0.0000
x3C328	0.0000	0.0000	0.0000
x3C329	0.0000	0.0000	0.0000
x3C401	0.5105	0.5160	0.5175
x3C402	0.5105	0.5160	0.5175
x3C403	0.5105	0.5160	0.5175
x3C404	0.5105	0.5160	0.5175
x3C405	0.0001	0.0000	0.0000
x3C406	0.0001	0.0000	0.0000
x3C407	0.0001	0.0000	0.0000
x3C408	0.0001	0.0000	0.0000
x3C409	0.0001	0.0000	0.0000
x3C410	0.0027	0.0025	0.0019
x3C411	0.0027	0.0025	0.0019
x3C412	0.0054	0.0051	0.0040
x3C413	0.0054	0.0051	0.0040
x3C414	0.8331	0.8328	0.8313
x3C415	0.8331	0.8328	0.8313
x3C418	0.8346	0.8398	0.8384
x3C419	0.8346	0.8398	0.8384
x3C425	0.0027	0.0025	0.0019
x3C426	0.0027	0.0025	0.0019
x3C427	0.0035	0.0032	0.0025
x3C428	0.0039	0.0035	0.0027
x3C430	0.0041	0.0039	0.0030

x3C431	0.0054	0.0051	0.0040
x3C432	0.0054	0.0051	0.0040
x3HC01	0.0117	0.0102	0.0100
x3HC02	0.0117	0.0102	0.0100
x3HC03	0.8346	0.8390	0.8384
x3HC04	0.8346	0.8390	0.8384
x3HC05	0.8346	0.8390	0.8384
x3HC06	0.6601	0.6621	0.6587
x3HC07	0.6601	0.6621	0.6587
x3HC08	0.6601	0.6621	0.6587
x3HC11	0.6601	0.6621	0.6587
x3HC14	0.6601	0.6621	0.6587
x3HC15	0.6601	0.6621	0.6587
x3HC16	0.6601	0.6621	0.6587
x3HC22	0.6792	0.6777	0.6744
x3HC23	0.6794	0.6809	0.6792
x3HC24	0.6793	0.6792	0.6767
x3HC25	0.6573	0.6595	0.6643
x3HC26	0.6729	0.6737	0.6731
x3HC27	0.6856	0.6870	0.6874
x3HC28	0.5676	0.5656	0.5662
x3HC29	0.5676	0.5656	0.5662
x3HC30	0.3604	0.3599	0.3681
x3HC31	0.5105	0.5160	0.5175
x3HC32	0.7727	0.7727	0.7726
x3HC33	0.7727	0.7727	0.7726
x3HC34	0.7727	0.7727	0.7726
x3HC38	0.7727	0.7727	0.7726
x3HC40	0.7727	0.7727	0.7726
x3HC41	0.7727	0.7727	0.7726
x3HC45	0.7727	0.7727	0.7726
x3R1	0.5676	0.5656	0.5662
x3R29	0.5169	0.5226	0.5244
x3SC401	0.3085	0.3166	0.3282
x3SC404	0.0455	0.0455	0.0242
x3SC405	0.0455	0.0455	0.0242
x3SC406	0.0455	0.0455	0.0242
x3SC407	0.0455	0.0455	0.0242
x3SC409	0.9619	0.9627	0.9703
x3SC411	0.9619	0.9627	0.9703
x3SC412	0.9619	0.9627	0.9703
x3SC413	0.9619	0.9627	0.9703
x3SC414	0.7115	0.5000	0.5000
x4AC09	0.0204	0.0181	0.0188
x4AC20	0.0121	0.0137	0.0149
x4AC31	0.0081	0.0080	0.0081

x4AC42	0.0089	0.0093	0.0094
x4C301	0.1032	0.1027	0.1041
x4C302	0.0607	0.0606	0.0849
x4C303	0.0983	0.0980	0.1023
x4C306	0.0959	0.0956	0.0991
x4C307	0.0959	0.0956	0.0991
x4C308	0.1054	0.1053	0.1099
x4C309	0.1054	0.1053	0.1099
x4C310	0.0835	0.0833	0.0831
x4C311	0.1128	0.1129	0.1193
x4C312	0.0795	0.0792	0.0793
x4C315	0.0795	0.0792	0.0793
x4C317	0.0820	0.0820	0.0821
x4C318	0.0820	0.0820	0.0821
x4C319	0.0820	0.0820	0.0821
x4C320	0.0820	0.0820	0.0821
x4C321	0.0820	0.0820	0.0821
x4C322	0.0820	0.0820	0.0821
x4C323	0.0820	0.0820	0.0821
x4C324	0.0820	0.0820	0.0821
x4C325	0.0000	0.0000	0.0000
x4C326	0.0000	0.0000	0.0000
x4C328	0.0000	0.0000	0.0000
x4C329	0.0000	0.0000	0.0000
x4C401	0.1019	0.1027	0.1044
x4C402	0.1019	0.1027	0.1044
x4C403	0.1019	0.1027	0.1044
x4C404	0.1019	0.1027	0.1044
x4C405	0.0631	0.0625	0.0626
x4C406	0.0631	0.0625	0.0626
x4C407	0.0631	0.0625	0.0626
x4C408	0.0631	0.0625	0.0626
x4C409	0.0631	0.0625	0.0626
x4C410	0.5323	0.5424	0.5528
x4C411	0.5323	0.5424	0.5528
x4C412	0.8243	0.8533	0.8600
x4C413	0.8243	0.8533	0.8600
x4C414	0.0919	0.0923	0.0938
x4C415	0.0919	0.0923	0.0938
x4C418	0.0882	0.0877	0.0895
x4C419	0.0882	0.0877	0.0895
x4C425	0.5323	0.5424	0.5528
x4C426	0.5323	0.5424	0.5528
x4C427	0.6819	0.6912	0.7016
x4C428	0.7451	0.7517	0.7592
x4C430	0.6404	0.6662	0.6744

x4C431	0.8243	0.8533	0.8600
x4C432	0.8243	0.8533	0.8600
x4HC01	0.0886	0.0923	0.0918
x4HC02	0.0886	0.0923	0.0918
x4HC03	0.0882	0.0876	0.0895
x4HC04	0.0882	0.0876	0.0895
x4HC05	0.0882	0.0876	0.0895
x4HC06	0.0883	0.0886	0.0900
x4HC07	0.0883	0.0886	0.0900
x4HC08	0.0883	0.0886	0.0900
x4HC11	0.0883	0.0886	0.0900
x4HC14	0.0883	0.0886	0.0900
x4HC15	0.0883	0.0886	0.0900
x4HC16	0.0883	0.0886	0.0900
x4HC22	0.1034	0.1027	0.1035
x4HC23	0.1035	0.1037	0.1048
x4HC24	0.1034	0.1032	0.1041
x4HC25	0.0981	0.0984	0.1014
x4HC26	0.1019	0.1018	0.1033
x4HC27	0.1048	0.1051	0.1066
x4HC28	0.1072	0.1074	0.1089
x4HC29	0.1072	0.1074	0.1089
x4HC30	0.0791	0.0790	0.0817
x4HC31	0.1019	0.1027	0.1044
x4HC32	0.1260	0.1260	0.1260
x4HC33	0.1260	0.1260	0.1260
x4HC34	0.1260	0.1260	0.1260
x4HC38	0.1260	0.1260	0.1260
x4HC40	0.1260	0.1260	0.1260
x4HC41	0.1260	0.1260	0.1260
x4HC45	0.1260	0.1260	0.1260
x4R1	0.1072	0.1074	0.1089
x4R29	0.1029	0.1037	0.1054
x4SC401	0.5677	0.5599	0.5559
x4SC404	0.7931	0.7916	0.8146
x4SC405	0.7931	0.7916	0.8146
x4SC406	0.7931	0.7916	0.8146
x4SC407	0.7931	0.7916	0.8146
x4SC409	0.0075	0.0080	0.0095
x4SC411	0.0075	0.0080	0.0095
x4SC412	0.0075	0.0080	0.0095
x4SC413	0.0075	0.0080	0.0095
x4SC414	0.1000	0.1000	0.1000
x5AC09	0.0057	0.0050	0.0051
x5AC20	0.0036	0.0041	0.0043
x5AC31	0.0023	0.0023	0.0022



x5AC42	0.0025	0.0027	0.0026
x5C301	0.0172	0.0171	0.0168
x5C302	0.0038	0.0038	0.0052
x5C303	0.0157	0.0156	0.0157
x5C306	0.0141	0.0140	0.0140
x5C307	0.0141	0.0140	0.0140
x5C308	0.0191	0.0190	0.0188
x5C309	0.0191	0.0190	0.0188
x5C310	0.0057	0.0057	0.0053
x5C311	0.0236	0.0236	0.0235
x5C312	0.0055	0.0055	0.0052
x5C315	0.0055	0.0055	0.0052
x5C317	0.0057	0.0057	0.0054
x5C318	0.0057	0.0057	0.0054
x5C319	0.0057	0.0057	0.0054
x5C320	0.0057	0.0057	0.0054
x5C321	0.0057	0.0057	0.0054
x5C322	0.0057	0.0057	0.0054
x5C323	0.0057	0.0057	0.0054
x5C324	0.0057	0.0057	0.0054
x5C325	0.0000	0.0000	0.0000
x5C326	0.0000	0.0000	0.0000
x5C328	0.0000	0.0000	0.0000
x5C329	0.0000	0.0000	0.0000
x5C401	0.0484	0.0484	0.0477
x5C402	0.0484	0.0484	0.0477
x5C403	0.0484	0.0484	0.0477
x5C404	0.0484	0.0484	0.0477
x5C405	0.1243	0.1264	0.1262
x5C406	0.1243	0.1264	0.1262
x5C407	0.1243	0.1264	0.1262
x5C408	0.1243	0.1264	0.1262
x5C409	0.1243	0.1264	0.1262
x5C410	0.0884	0.0876	0.0855
x5C411	0.0884	0.0876	0.0855
x5C412	0.0632	0.0637	0.0614
x5C413	0.0632	0.0637	0.0614
x5C414	0.0013	0.0012	0.0012
x5C415	0.0013	0.0012	0.0012
x5C418	0.0012	0.0012	0.0011
x5C419	0.0012	0.0012	0.0011
x5C425	0.0884	0.0876	0.0855
x5C426	0.0884	0.0876	0.0855
x5C427	0.0769	0.0756	0.0732
x5C428	0.0721	0.0707	0.0684
x5C430	0.0779	0.0785	0.0765

x5C431	0.0632	0.0637	0.0614
x5C432	0.0632	0.0637	0.0614
x5HC01	0.1352	0.1337	0.1336
x5HC02	0.1352	0.1337	0.1336
x5HC03	0.0012	0.0013	0.0011
x5HC04	0.0012	0.0013	0.0011
x5HC05	0.0012	0.0013	0.0011
x5HC06	0.0296	0.0296	0.0298
x5HC07	0.0296	0.0296	0.0298
x5HC08	0.0296	0.0296	0.0298
x5HC11	0.0296	0.0296	0.0298
x5HC14	0.0296	0.0296	0.0298
x5HC15	0.0296	0.0296	0.0298
x5HC16	0.0296	0.0296	0.0298
x5HC22	0.0293	0.0293	0.0290
x5HC23	0.0293	0.0293	0.0289
x5HC24	0.0293	0.0293	0.0290
x5HC25	0.0295	0.0294	0.0292
x5HC26	0.0294	0.0293	0.0290
x5HC27	0.0292	0.0292	0.0287
x5HC28	0.0442	0.0447	0.0441
x5HC29	0.0442	0.0447	0.0441
x5HC30	0.0513	0.0515	0.0511
x5HC31	0.0484	0.0484	0.0477
x5HC32	0.0286	0.0285	0.0270
x5HC33	0.0286	0.0285	0.0270
x5HC34	0.0286	0.0285	0.0270
x5HC38	0.0286	0.0285	0.0270
x5HC40	0.0286	0.0285	0.0270
x5HC41	0.0286	0.0285	0.0270
x5HC45	0.0286	0.0285	0.0270
x5R1	0.0442	0.0447	0.0441
x5R29	0.0483	0.0483	0.0475
x5SC401	0.0713	0.0704	0.0271
x5SC404	0.1000	0.1000	0.0400
x5SC405	0.1000	0.1000	0.0400
x5SC406	0.1000	0.1000	0.0400
x5SC407	0.1000	0.1000	0.0400
x5SC409	0.0000	0.0000	0.0000
x5SC411	0.0000	0.0000	0.0000
x5SC412	0.0000	0.0000	0.0000
x5SC413	0.0000	0.0000	0.0000
x5SC414	0.0018	0.0000	0.0000
x6SC401	0.0362	0.0357	0.0679
x6SC404	0.0508	0.0506	0.1000
x6SC405	0.0508	0.0506	0.1000

x6SC406	0.0508	0.0506	0.1000
x6SC407	0.0508	0.0506	0.1000
x6SC409	0.0000	0.0000	0.0000
x6SC411	0.0000	0.0000	0.0000
x6SC412	0.0000	0.0000	0.0000
x6SC413	0.0000	0.0000	0.0000
x6SC414	0.0432	0.1000	0.1000
x7AC09	0.0207	0.0177	0.0183
x7AC20	0.0153	0.0167	0.0173
x7AC31	0.0086	0.0082	0.0084
x7AC42	0.0095	0.0099	0.0102
x7C301	0.0294	0.0287	0.0283
x7C302	0.2753	0.2755	0.0000
x7C303	0.0574	0.0564	0.0257
x7C306	0.0493	0.0484	0.0219
x7C307	0.0493	0.0484	0.0219
x7C308	0.0731	0.0721	0.0320
x7C309	0.0731	0.0721	0.0320
x7C310	0.0071	0.0070	0.0029
x7C311	0.0954	0.0946	0.0422
x7C312	0.0081	0.0080	0.0034
x7C315	0.0081	0.0080	0.0034
x7C316	0.0081	0.0080	0.0034
x7C317	0.0083	0.0082	0.0035
x7C318	0.0083	0.0082	0.0035
x7C319	0.0083	0.0082	0.0035
x7C320	0.0083	0.0082	0.0035
x7C321	0.0083	0.0082	0.0035
x7C322	0.0083	0.0082	0.0035
x7C323	0.0083	0.0082	0.0035
x7C324	0.0083	0.0082	0.0035
x7C325	0.0000	0.0000	0.0000
x7C326	0.0000	0.0000	0.0000
x7C328	0.0000	0.0000	0.0000
x7C329	0.0000	0.0000	0.0000
x7C401	0.3239	0.3169	0.3145
x7C402	0.3239	0.3169	0.3145
x7C403	0.3239	0.3169	0.3145
x7C404	0.3239	0.3169	0.3145
x7C405	0.8126	0.8110	0.8112
x7C406	0.8126	0.8110	0.8112
x7C407	0.8126	0.8110	0.8112
x7C408	0.8126	0.8110	0.8112
x7C409	0.8126	0.8110	0.8112
x7C410	0.3758	0.3667	0.3591
x7C411	0.3758	0.3667	0.3591

x7C412	0.1031	0.0742	0.0717
x7C413	0.1031	0.0742	0.0717
x7C414	0.0121	0.0121	0.0121
x7C415	0.0121	0.0121	0.0121
x7C417	0.0800	0.0002	0.0002
x7C418	0.0162	0.0099	0.0104
x7C419	0.0162	0.0099	0.0104
x7C425	0.3758	0.3667	0.3591
x7C426	0.3758	0.3667	0.3591
x7C427	0.2366	0.2289	0.2219
x7C428	0.1777	0.1729	0.1688
x7C430	0.2763	0.2502	0.2452
x7C431	0.1031	0.0742	0.0717
x7C432	0.1031	0.0742	0.0717
x7HC01	0.6000	0.6000	0.6000
x7HC02	0.6000	0.6000	0.6000
x7HC03	0.0162	0.0098	0.0104
x7HC04	0.0162	0.0098	0.0104
x7HC05	0.0162	0.0098	0.0104
x7HC06	0.1400	0.1358	0.1384
x7HC07	0.1400	0.1358	0.1384
x7HC08	0.1400	0.1358	0.1384
x7HC11	0.1400	0.1358	0.1384
x7HC14	0.1400	0.1358	0.1384
x7HC15	0.1400	0.1358	0.1384
x7HC16	0.1400	0.1358	0.1384
x7HC22	0.1408	0.1407	0.1435
x7HC23	0.1406	0.1374	0.1388
x7HC24	0.1407	0.1391	0.1413
x7HC25	0.1622	0.1580	0.1530
x7HC26	0.1470	0.1444	0.1447
x7HC27	0.1348	0.1316	0.1311
x7HC28	0.2620	0.2630	0.2617
x7HC29	0.2620	0.2630	0.2617
x7HC30	0.5000	0.5000	0.4894
x7HC31	0.3239	0.3169	0.3145
x7HC32	0.0500	0.0493	0.0504
x7HC33	0.0500	0.0493	0.0504
x7HC34	0.0500	0.0493	0.0504
x7HC38	0.0500	0.0493	0.0504
x7HC40	0.0500	0.0493	0.0504
x7HC41	0.0500	0.0493	0.0504
x7HC45	0.0500	0.0493	0.0504
x7R1	0.2620	0.2630	0.2617
x7R29	0.3163	0.3090	0.3065
x7SC401	0.0021	0.0021	0.0068

x7SC404	0.0029	0.0029	0.0100
x7SC405	0.0029	0.0029	0.0100
x7SC406	0.0029	0.0029	0.0100
x7SC407	0.0029	0.0029	0.0100
x7SC409	0.0000	0.0000	0.0000
x7SC411	0.0000	0.0000	0.0000
x7SC412	0.0000	0.0000	0.0000
x7SC413	0.0000	0.0000	0.0000
x7SC414	0.0367	0.1000	0.1000
x8AC09	0.0000	0.0000	0.0000
x8AC20	0.0000	0.0000	0.0000
x8AC31	0.0000	0.0000	0.0000
x8AC42	0.0000	0.0000	0.0000
x9AC09	0.0056	0.0049	0.0049
x9AC20	0.0047	0.0052	0.0052
x9AC31	0.0024	0.0024	0.0023
x9AC42	0.0026	0.0029	0.0029
xAC02	0.4999	0.4999	0.4999
xAC05	0.4979	0.4980	0.4980
xAC07	0.4980	0.4981	0.4981
xAC09	0.4816	0.4840	0.4836
xAC12	0.4979	0.4980	0.4980
xAC15	0.4959	0.4961	0.4961
xAC18	0.4960	0.4961	0.4962
xAC20	0.4862	0.4849	0.4842
xAC23	0.4959	0.4961	0.4961
xAC26	0.4939	0.4941	0.4941
xAC29	0.4939	0.4941	0.4941
xAC31	0.4879	0.4881	0.4881
xAC34	0.4939	0.4941	0.4941
xAC37	0.4918	0.4917	0.4917
xAC40	0.4918	0.4918	0.4918
xAC42	0.4849	0.4844	0.4844
xiC10AC09	0.0000	0.0000	0.0000
xiC10AC20	0.0000	0.0000	0.0000
xiC10AC31	0.0000	0.0000	0.0000
xiC10AC42	0.0000	0.0000	0.0000
xiC11AC09	0.0000	0.0000	0.0000
xiC11AC20	0.0000	0.0000	0.0000
xiC11AC31	0.0000	0.0000	0.0000
xiC11AC42	0.0000	0.0000	0.0000
xM1C606D	0.0004	0.0004	0.0003
xM3C606D	0.0022	0.0020	0.0016
xM4C606D	0.5521	0.5627	0.5733
xM5C606D	0.0927	0.0920	0.0899
xM7C606D	0.3525	0.3429	0.3349

xx1C302	0.0823	0.0846	0.1049
xx1C308	0.0607	0.0627	0.0657
xx1C310	0.1175	0.1206	0.1244
xx1C311	0.0404	0.0416	0.0444
xx1C312	0.1483	0.1525	0.1559
xx1C323	0.1145	0.1144	0.1170
xx1C325	1.0000	1.0000	1.0000
xx1C405	0.0000	0.0000	0.0000
xx1C408	0.0000	0.0000	0.0000
xx1C425	0.0013	0.0012	0.0010
xx1C428	0.0018	0.0016	0.0013
xx1C430	0.0018	0.0017	0.0013
xx1C431	0.0055	0.0050	0.0039
xx1HC28	0.0274	0.0280	0.0275
xx1HC29	0.0274	0.0280	0.0275
xx1HC30	0.0147	0.0152	0.0152
xx1HC32	0.0305	0.0314	0.0321
xx1R1	0.0274	0.0280	0.0275
xx1R29	0.0230	0.0241	0.0238
xx1SC406	0.0000	0.0000	0.0000
xx1SC408	0.0398	0.0382	0.0262
xx2HC28	0.0000	0.0000	0.0000
xx2HC29	0.0000	0.0000	0.0000
xx2HC30	0.0000	0.0000	0.0000
xx2R1	0.0000	0.0000	0.0000
xx2R29	0.0000	0.0000	0.0000
xx2SC406	0.0082	0.0101	0.0120
xx2SC408	0.0001	0.0002	0.0002
xx3C302	0.6490	0.6469	0.8083
xx3C308	0.7671	0.7661	0.7880
xx3C310	0.7919	0.7891	0.7888
xx3C311	0.7582	0.7577	0.7877
xx3C312	0.7652	0.7615	0.7614
xx3C323	0.7955	0.7957	0.7966
xx3C325	0.0000	0.0000	0.0000
xx3C405	0.0001	0.0001	0.0001
xx3C408	0.0001	0.0001	0.0001
xx3C425	0.0031	0.0029	0.0022
xx3C428	0.0042	0.0038	0.0029
xx3C430	0.0046	0.0043	0.0034
xx3C431	0.0057	0.0053	0.0041
xx3C432	0.0057	0.0053	0.0041
xx3HC28	0.6223	0.6204	0.6207
xx3HC29	0.6223	0.6204	0.6207
xx3HC30	0.4342	0.4336	0.4415
xx3HC32	0.7842	0.7838	0.7836

xx3R1	0.6223	0.6204	0.6207
xx3R29	0.5792	0.5839	0.5853
xx3SC406	0.0469	0.0469	0.0249
xx3SC408	0.9527	0.9538	0.9642
xx4C302	0.0654	0.0652	0.0828
xx4C308	0.1068	0.1066	0.1097
xx4C310	0.0814	0.0812	0.0808
xx4C311	0.1158	0.1158	0.1202
xx4C312	0.0770	0.0766	0.0765
xx4C323	0.0800	0.0800	0.0800
xx4C325	0.0000	0.0000	0.0000
xx4C405	0.0887	0.0879	0.0880
xx4C408	0.0887	0.0879	0.0880
xx4C409	0.0887	0.0879	0.0880
xx4C425	0.6186	0.6280	0.6380
xx4C427	0.7507	0.7587	0.7678
xx4C428	0.8025	0.8080	0.8146
xx4C430	0.7154	0.7373	0.7448
xx4C431	0.8628	0.8846	0.8907
xx4C432	0.8628	0.8846	0.8907
xx4HC28	0.1176	0.1178	0.1194
xx4HC29	0.1176	0.1178	0.1194
xx4HC30	0.0953	0.0952	0.0981
xx4HC32	0.1278	0.1278	0.1278
xx4R1	0.1176	0.1178	0.1194
xx4R29	0.1153	0.1159	0.1176
xx4SC406	0.8176	0.8159	0.8399
xx4SC408	0.0074	0.0079	0.0094
xx5C302	0.0033	0.0033	0.0041
xx5C308	0.0156	0.0155	0.0151
xx5C310	0.0045	0.0045	0.0042
xx5C311	0.0195	0.0195	0.0191
xx5C312	0.0043	0.0043	0.0040
xx5C323	0.0045	0.0045	0.0042
xx5C325	0.0000	0.0000	0.0000
xx5C405	0.1409	0.1433	0.1431
xx5C408	0.1409	0.1433	0.1431
xx5C425	0.0827	0.0818	0.0795
xx5C428	0.0626	0.0613	0.0591
xx5C430	0.0702	0.0701	0.0681
xx5C431	0.0533	0.0532	0.0513
xx5HC28	0.0391	0.0395	0.0390
xx5HC29	0.0391	0.0395	0.0390
xx5HC30	0.0498	0.0500	0.0494
xx5HC32	0.0234	0.0233	0.0221
xx5R1	0.0391	0.0395	0.0390

xx5R29	0.0436	0.0435	0.0428
xx5SC406	0.0831	0.0831	0.0332
xx5SC408	0.0000	0.0000	0.0000
xx6SC406	0.0422	0.0420	0.0831
xx6SC408	0.0000	0.0000	0.0000
xx7C302	0.2000	0.2000	0.0000
xx7C308	0.0499	0.0492	0.0215
xx7C310	0.0046	0.0046	0.0019
xx7C311	0.0660	0.0654	0.0286
xx7C312	0.0053	0.0052	0.0022
xx7C323	0.0055	0.0054	0.0023
xx7C325	0.0000	0.0000	0.0000
xx7C405	0.7703	0.7688	0.7689
xx7C408	0.7703	0.7688	0.7689
xx7C425	0.2943	0.2861	0.2793
xx7C428	0.1290	0.1253	0.1221
xx7C430	0.2081	0.1867	0.1825
xx7C431	0.0727	0.0519	0.0501
xx7HC28	0.1937	0.1944	0.1934
xx7HC29	0.1937	0.1944	0.1934
xx7HC30	0.4060	0.4060	0.3958
xx7HC32	0.0342	0.0337	0.0344
xx7R1	0.1937	0.1944	0.1934
xx7R29	0.2389	0.2327	0.2305
xx7SC406	0.0020	0.0020	0.0070
xx7SC408	0.0000	0.0000	0.0000
y1HC28	0.0783	0.0800	0.0788
y1HC29	0.0783	0.0800	0.0788
y1HC30	0.0574	0.0592	0.0586
y1HC31	0.0687	0.0713	0.0703
y1R1	0.0783	0.0800	0.0788
y1R29	0.0701	0.0728	0.0718
y2HC28	0.0000	0.0000	0.0000
y2HC29	0.0000	0.0000	0.0000
y2HC30	0.0000	0.0000	0.0000
y2HC31	0.0000	0.0000	0.0000
y2R1	0.0000	0.0000	0.0000
y2R29	0.0000	0.0000	0.0000
y3HC28	0.7901	0.7880	0.7882
y3HC29	0.7901	0.7880	0.7882
y3HC30	0.7533	0.7516	0.7537
y3HC31	0.7815	0.7802	0.7805
y3R1	0.7901	0.7880	0.7882
y3R29	0.7849	0.7837	0.7840
y4HC28	0.0979	0.0981	0.0995
y4HC29	0.0979	0.0981	0.0995



y4HC30	0.1084	0.1083	0.1098
y4HC31	0.1032	0.1027	0.1041
y4R1	0.0979	0.0981	0.0995
y4R29	0.1025	0.1020	0.1034
y5HC28	0.0138	0.0140	0.0138
y5HC29	0.0138	0.0140	0.0138
y5HC30	0.0240	0.0241	0.0235
y5HC31	0.0172	0.0171	0.0168
y5R1	0.0138	0.0140	0.0138
y5R29	0.0164	0.0162	0.0159
y7HC28	0.0199	0.0199	0.0198
y7HC29	0.0199	0.0199	0.0198
y7HC30	0.0569	0.0568	0.0545
y7HC31	0.0294	0.0287	0.0283
y7R1	0.0199	0.0199	0.0198
y7R29	0.0261	0.0252	0.0249
yy1HC28	0.1016	0.1037	0.1022
yy1HC29	0.1016	0.1037	0.1022
yy1HC30	0.0761	0.0784	0.0775
yy1R1	0.1016	0.1037	0.1022
yy1R29	0.0913	0.0948	0.0935
yy2HC28	0.0000	0.0000	0.0000
yy2HC29	0.0000	0.0000	0.0000
yy2HC30	0.0000	0.0000	0.0000
yy2R1	0.0000	0.0000	0.0000
yy2R29	0.0000	0.0000	0.0000
yy3HC28	0.7779	0.7755	0.7759
yy3HC29	0.7779	0.7755	0.7759
yy3HC30	0.7571	0.7550	0.7565
yy3R1	0.7779	0.7755	0.7759
yy3R29	0.7767	0.7746	0.7750
yy4HC28	0.0964	0.0966	0.0979
yy4HC29	0.0964	0.0966	0.0979
yy4HC30	0.1090	0.1088	0.1102
yy4R1	0.0964	0.0966	0.0979
yy4R29	0.1015	0.1009	0.1022
yy5HC28	0.0109	0.0111	0.0109
yy5HC29	0.0109	0.0111	0.0109
yy5HC30	0.0194	0.0195	0.0190
yy5R1	0.0109	0.0111	0.0109
yy5R29	0.0131	0.0129	0.0127
yy7HC28	0.0132	0.0132	0.0132
yy7HC29	0.0132	0.0132	0.0132
yy7HC30	0.0385	0.0385	0.0369
yy7R1	0.0132	0.0132	0.0132
yy7R29	0.0174	0.0168	0.0166



### **Operation Point #6**

Unmeasured Variables	Value From Data Validation	Value From Parameter Estimation	Value From Economic Optimization
C10pC623	0.0001	0.0000	0.0000
C10pC625	0.0001	0.0001	0.0001
C10pC627	0.0004	0.0002	0.0003
C10pC629	0.0002	0.0002	0.0001
C2C623	0.0164	0.0153	0.0168
C2C625	0.0170	0.0158	0.0149
C2C627	0.0158	0.0148	0.0147
C2C629	0.0166	0.0155	0.0152
C3C623	3.2739	3.7694	3.7887
C3C625	2.4984	2.5441	2.4309
C3C627	1.1960	1.5338	1.3742
C3C629	1.5706	1.8067	1.9237
C3pC623	1.1124	1.1715	1.2659
C3pC625	1.1713	1.2579	1.1921
C3pC627	1.1529	1.2135	1.2087
C3pC629	1.1490	1.2183	1.1787
C4pC623	0.0298	0.0273	0.0293
C4pC625	0.0411	0.0434	0.0430
C4pC627	0.0847	0.0695	0.0772
C4pC629	0.0642	0.0592	0.0538
C5pC623	0.0006	0.0004	0.0005
C5pC625	0.0010	0.0010	0.0010
C5pC627	0.0042	0.0026	0.0032
C5pC629	0.0025	0.0019	0.0016
C7pC623	0.0001	0.0000	0.0001
C7pC625	0.0003	0.0002	0.0002
C7pC627	0.0038	0.0014	0.0021
C7pC629	0.0014	0.0008	0.0006
C8pC623	0.0021	0.0016	0.0018
C8pC625	0.0038	0.0037	0.0037
C8pC627	0.0147	0.0091	0.0112
C8pC629	0.0090	0.0069	0.0058
C9pC623	0.4925	0.4247	0.4945
C9pC625	0.6980	0.6934	0.6567
C9pC627	1.3498	1.0505	1.1601
C9pC629	1.0675	0.9319	0.8295
CHXC623	12.1169	13.6891	13.4566
CHXC625	12.3598	14.2467	14.2650
CHXC627	13.0650	14.6613	14.7170
CHXC629	12.4051	14.0353	13.9181
CiC10pC623	0.0000	0.0000	0.0000

CiC10pC625	0.0000	0.0000	0.0000
CiC10pC627	0.0000	0.0000	0.0000
CiC10pC629	0.0000	0.0000	0.0000
CiC11pC623	0.0000	0.0000	0.0000
CiC11pC625	0.0001	0.0001	0.0001
CiC11pC627	0.0004	0.0002	0.0003
CiC11pC629	0.0002	0.0001	0.0001
CiC4eC623	0.0031	0.0031	0.0031
CiC4eC625	0.0031	0.0031	0.0031
CiC4eC627	0.0031	0.0031	0.0031
CiC4eC629	0.0031	0.0031	0.0031
CiC5eC623	0.0008	0.0006	0.0007
CiC5eC625	0.0011	0.0009	0.0009
CiC5eC627	0.0020	0.0014	0.0015
CiC5eC629	0.0017	0.0013	0.0012
CiC8eC623	0.0220	0.0180	0.0194
CiC8eC625	0.0296	0.0274	0.0274
CiC8eC627	0.0582	0.0430	0.0477
CiC8eC629	0.0462	0.0380	0.0350
Cost	150.3197	149.5730	145.3475
dTE601	10.4192	10.4554	10.6034
dTE602	78.0711	78.0723	79.0951
dTE603	12.5098	11.4709	10.0000
dTE605	23.0955	24.1788	24.9470
dTE609A	10.7943	10.0000	10.0000
dTE610	13.9037	11.9336	12.2323
dTE611	17.6397	15.8974	15.2906
dTE612	55.6000	55.6000	55.6000
dTE613	26.7703	21.2748	21.2344
dTE616	98.3573	102.0904	99.0387
dTE617	34.5138	33.3470	32.4870
dTE621A	28.9853	28.3634	29.1951
dTE621B	25.5185	25.8270	26.4290
dTE626	12.1720	11.7454	12.7432
dTE627A	55.0000	55.0000	55.0000
dTE627B	32.4612	31.5387	31.4343
dTE628	10.7814	10.7846	10.7836
dTE629	16.3489	16.2330	16.0789
dTE633	11.7569	11.4065	11.6687
dTE634	19.3820	19.5494	19.9276
dTE640	25.1531	25.5045	24.4634
dTE641	16.5359	16.9364	16.7825
dTE695A	76.0000	76.0000	76.0000
dTE695B	48.0199	48.0000	48.0061
dTE696A	51.8097	51.1885	51.5631
dTE696B	31.3054	30.5943	30.7816

dTE6XX	1.0087	1.0000	1.2263
Earnings	180.5115	181.3369	181.0973
f1C601	0.0001	0.0001	0.0000
f1C603	0.7437	0.7548	0.7534
f1C606A	0.0282	0.0282	0.0273
f2C601	0.9853	0.9857	0.9911
f3C601	0.0500	0.0500	0.0500
f3C603	1.0000	1.0000	1.0000
f3C606A	0.0071	0.0072	0.0072
f4C601	0.9908	0.9911	0.9945
f4C603	1.0000	1.0000	1.0000
f4C606A	0.8986	0.9031	0.8787
f5C601	1.0000	1.0000	1.0000
f5C603	1.0000	1.0000	1.0000
f5C606A	0.9881	0.9883	0.9885
f6C601	1.0000	1.0000	1.0000
f7C601	1.0000	1.0000	1.0000
f7C603	1.0000	1.0000	1.0000
f7C606A	0.9984	0.9983	0.9992
FAC05	6.7965	6.6736	6.6747
FAC07	6.9565	6.8336	6.8347
FAC09	8.5403	8.4177	8.5255
FAC15	8.7289	10.0461	10.0441
FAC18	8.8889	10.2061	10.2041
FAC20	10.3869	11.7245	11.6861
FAC26	17.6178	15.4050	15.4042
FAC29	17.7778	15.5650	15.5642
FAC31	19.1066	16.8934	16.8024
FAC37	15.8400	15.5638	15.5571
FAC40	16.0000	15.7238	15.7171
FAC42	17.5734	17.2961	17.4343
FC301	3.6480	3.6311	3.7260
FC302	0.4817	0.4751	0.3807
FC303	4.1297	4.1062	4.1067
FC306	4.9042	4.8845	4.9015
FC307	4.9042	4.8845	4.9015
FC309	3.1136	3.0931	3.1310
FC310	0.7744	0.7783	0.7949
FC311	2.3392	2.3148	2.3361
FC312	1.7905	1.7914	1.7706
FC315	1.7905	1.7914	1.7706
FC317	1.7370	1.7409	1.7202
FC318	1.7370	1.7409	1.7202
FC319	1.7370	1.7409	1.7202
FC321	0.1090	0.1251	0.0690
FC323	0.8023	0.7258	0.7241

FC324	0.8023	0.7258	0.7241
FC325	0.8023	0.7258	0.7241
FC326	0.8023	0.7258	0.7241
FC401	2.3359	2.3721	2.4023
FC402	2.3359	2.3721	2.4023
FC404	2.3359	2.3721	2.4023
FC405	0.9292	0.9334	0.9322
FC406	0.9292	0.9334	0.9322
FC408	3.2418	3.2250	3.2250
FC409	3.2418	3.2250	3.2250
FC410	0.8560	0.8423	0.8480
FC411	0.8560	0.8423	0.8480
FC413	0.0422	0.0471	0.0471
FC414	2.9473	2.9766	3.0591
FC415	2.9473	2.9766	3.0591
FC418	3.1283	3.1455	3.2066
FC419	3.1283	3.1455	3.2066
FC425	3.8339	3.9125	4.0190
FC426	2.9779	3.0702	3.1710
FC427	2.9048	2.9790	3.0868
FC428	2.0487	2.1367	2.2388
FC430	3.8339	3.9125	4.0190
FC431	2.9048	2.9790	3.0868
FC432	2.8626	2.9319	3.0397
FcwE603	0.2437	0.2113	0.1867
FcwE605	8.1626	9.2139	12.7972
FcwE609A	0.0945	0.0805	0.0831
FcwE611	3.4499	2.2431	2.5526
FcwE613	4.7179	2.2062	2.2102
FcwE617	1.8001	1.4867	1.6139
FcwE621A	5.5277	5.4080	5.6825
FcwE621B	5.3185	7.1008	7.2662
FcwE626	0.6340	0.7664	1.0510
FcwE627A	0.5504	0.6176	0.6176
FcwE627B	0.5285	0.6178	0.6155
FcwE634	7.2173	7.1711	7.3188
FcwE640	0.4000	0.4000	0.4000
FcwE641A	4.2991	4.2077	4.4489
FcwE641B	0.9046	0.8796	0.9849
FHC02	0.8891	0.8929	0.8972
FHC03	3.2374	3.2706	3.2756
FHC04	3.2374	3.2706	3.2756
FHC05	3.2374	3.2706	3.2756
FHC06	4.1265	4.1636	4.1728
FHC07	1.0000	1.0000	1.1728
FHC08	3.1265	3.1636	3.0000

FHC11	1.0818	1.1025	1.0000
FHC14	1.0034	1.0081	1.0000
FHC15	2.0446	2.0611	2.0000
FHC16	1.0412	1.0530	1.0000
FHC22	1.5734	1.5724	1.7172
FHC23	1.3288	1.3284	1.2382
FHC24	2.9021	2.9008	2.9554
FHC25	1.4980	1.5184	1.4820
FHC26	4.4002	4.4192	4.4374
FHC27	1.5838	1.5841	1.6909
FHC28	5.9840	6.0033	6.1282
FHC29	2.5930	0.4847	1.1138
FHC30	2.5930	0.4847	1.1138
FHC31	5.9840	6.0033	6.1282
FHC33	1.0000	1.0000	1.0000
FHC34	0.5838	0.5841	0.5180
FHC38	0.4162	0.4159	0.4820
FHC40	0.8575	0.8397	0.9554
FHC41	0.3254	0.3203	0.2382
FHC45	0.5321	0.5194	0.7172
FIHC28	3.0668	3.0928	3.2524
FIHC29	1.3289	0.2497	0.5911
FIHC30	1.1775	0.0979	0.4359
FIHC31	2.3359	2.3721	2.4023
FIR1	1.7379	2.8431	2.6613
FIR29	1.1585	2.2743	1.9664
FmC302	0.0077	0.0076	0.0067
FmC308	0.0529	0.0525	0.0539
FmC310	0.0137	0.0137	0.0141
FmC311	0.0392	0.0388	0.0399
FmC312	0.0318	0.0318	0.0315
FmC317	0.0306	0.0307	0.0304
FmC322	0.0273	0.0274	0.0283
FmC323	0.0142	0.0128	0.0128
FmC325	0.0182	0.0165	0.0164
FmC405	0.0114	0.0114	0.0114
FmC407	0.0114	0.0114	0.0114
FmC408	0.0397	0.0395	0.0395
FmC409	0.0397	0.0395	0.0395
FmC412	0.0007	0.0008	0.0008
FmC414	0.0515	0.0520	0.0535
FmC425	0.0568	0.0580	0.0600
FmC427	0.0454	0.0466	0.0486
FmC428	0.0327	0.0341	0.0359
FmC430	0.0590	0.0606	0.0628
FmC431	0.0477	0.0493	0.0515

FmC432	0.0470	0.0485	0.0507
FmHC01	0.0122	0.0122	0.0123
FmHC32	0.0315	0.0312	0.0332
FmIHC28	0.0482	0.0486	0.0513
FmIHC29	0.0209	0.0039	0.0093
FmIHC30	0.0183	0.0014	0.0067
FmIR1	0.0273	0.0447	0.0420
FmIR29	0.0175	0.0350	0.0302
FmSC403	0.0065	0.0060	0.0053
FmSC406	0.0243	0.0226	0.0235
FmSC408	0.0253	0.0235	0.0244
FmvHC28	0.0510	0.0509	0.0503
FmvHC29	0.0221	0.0041	0.0091
FmvHC30	0.0247	0.0066	0.0118
FmvR1	0.0289	0.0468	0.0411
FmvR29	0.0387	0.0564	0.0529
FR1	3.3910	5.5186	5.0145
FR29	3.3910	5.5186	5.0145
FSC401	0.5355	0.4962	0.4548
FSC403	0.3906	0.3616	0.3160
FSC404	0.3906	0.3616	0.3160
FSC406	1.4690	1.3671	1.4100
FSC407	1.4690	1.3671	1.4100
FSC408	1.4690	1.3671	1.4100
FSC409	1.4690	1.3671	1.4100
FSC412	0.1449	0.1346	0.1388
FSC414	0.0362	0.0344	0.0086
FstmE602	0.2126	0.1978	0.2004
FstmE695A	0.4049	0.4029	0.4029
FstmE695B	0.1005	0.1000	0.1000
FstmE696A	0.1139	0.1117	0.1125
FstmE696B	0.0191	0.0187	0.0188
FvHC28	2.9172	2.9105	2.8758
FvHC29	1.2641	0.2350	0.5227
FvHC30	1.4156	0.3868	0.6779
FvHC31	3.6480	3.6311	3.7260
FvR1	1.6531	2.6755	2.3532
FvR29	2.2325	3.2443	3.0480
h1C601	1.0957	1.0948	1.0776
h1C603	-0.3459	-0.3256	-0.3282
h1C606A	0.9941	0.9869	0.9914
h2C601	0.4656	0.4713	0.5865
h3C601	3.5793	3.5408	2.8376
h3C603	0.2542	0.2242	0.2271
h3C606A	-65.0000	-65.0000	-65.0000
h4C601	0.4968	0.5021	0.6087



h4C603	0.3232	0.2905	0.2938
h4C606A	0.0000	0.0000	0.0000
h5C601	0.8631	0.8651	0.9037
h5C603	0.4235	0.3880	0.3916
h5C606A	0.4873	0.4840	0.4871
h6C601	0.8912	0.8930	0.9284
h7C601	0.9386	0.9402	0.9701
h7C603	0.4926	0.4541	0.4582
h7C606A	0.5524	0.5488	0.5528
hAC02	10.4207	9.6649	9.6649
hAC05	354.9891	350.6893	339.7334
hAC07	365.4098	360.3542	349.3983
hAC09	1209.4516	1213.9338	1299.9294
hAC12	8.3570	8.4078	8.1438
hAC15	387.6019	445.7792	441.7923
hAC18	395.9589	454.1870	449.9361
hAC20	1212.7410	1251.5258	1229.3337
hAC23	7.1047	7.0998	7.0377
hAC26	734.5475	615.5494	632.3434
hAC29	741.6522	622.6491	639.3811
hAC31	1444.9164	1324.6138	1302.1277
hAC34	6.6622	6.3878	6.5602
hAC37	579.4506	579.9759	568.9422
hAC40	586.1128	586.3637	575.5023
hAC42	1544.9770	1556.7275	1641.9545
hacAC09	389.7000	391.2463	425.3085
hacAC20	437.7887	466.0662	462.6741
hacAC31	736.5647	632.8060	646.1851
hacAC42	730.7692	735.1512	753.1312
hC301	3212.2514	3194.3803	3282.5453
hC302	403.9290	398.5570	325.0399
hC303	3616.1803	3592.9373	3607.5852
hC306	4703.9194	4684.6084	4709.7969
hC307	3149.0972	3144.0966	3139.3676
hC308	1992.5035	1984.1471	2000.4835
hC309	1956.9848	1948.1321	1965.9387
hC310	688.4969	692.0732	705.3507
hC311	1268.4879	1256.0589	1260.5881
hC312	1677.1701	1679.1994	1657.4335
hC312liq	1156.5937	1159.9495	1138.8841
hC315	1063.6686	1067.8660	1047.6385
hC316	1237.3461	1247.4673	1231.7347
hC317	1267.1010	1269.9000	1255.0168
hC318	1093.4234	1090.2987	1070.9206
hC319	996.8949	998.9049	983.0162
hC321	62.5763	71.7723	39.4449

hC322	888.9279	889.8650	914.3534
hC323	585.2417	529.4549	528.2787
hC324	775.9453	701.9834	700.7921
hC325	758.5401	686.2369	684.5403
hC326	527.7423	477.4375	476.1149
hC329	492.5595	444.2003	442.9698
hC401	1214.5758	1230.3382	1248.5103
hC402	1219.3573	1235.1211	1253.2928
hC403	1280.0934	1295.4266	1313.0259
hC404	1332.2228	1349.5345	1365.5164
hC405	746.8297	758.6010	749.2529
hC406	694.7003	704.4931	696.7624
hC407	504.4602	506.7658	504.1263
hC408	2561.1879	2547.9352	2547.9637
hC408vap	3338.6679	3321.4215	3321.4385
hC409	3531.5640	3513.4215	3513.4385
hC410	604.1383	596.0275	600.0852
hC410vap	848.4730	835.6993	841.4330
hC411	889.4830	875.7778	881.7568
hC412	41.9717	46.9617	46.9440
hC412liq	30.4217	34.1255	34.1079
hC413	23.7672	26.4719	26.4831
hC414	2786.4997	2814.0925	2896.5337
hC414liq	1961.0411	1980.4966	2038.4966
hC415	1732.1400	1743.5144	1795.9882
hC417	104.3052	97.3799	83.4206
hC418	1836.4452	1840.8943	1879.4088
hC419	1817.7003	1820.7674	1857.5646
hC425	2705.8157	2768.5010	2844.0025
hC426	2101.6775	2172.4736	2243.9173
hC427	2934.5087	3007.1728	3114.4952
hC428	2045.0257	2131.3950	2232.7383
hC430	2682.6734	2733.2086	2802.3140
hC431	2890.5158	2968.7975	3077.7860
hC432	2848.5440	2921.8357	3030.8420
hC623	32.3278	43.0268	70.7705
hC625	38.8901	10.0000	10.0000
hC627	10.0000	10.0000	10.0000
hC629	148.9336	161.4427	184.5034
hHC01	466.9063	467.5807	470.7890
hHC02	462.1247	462.7978	466.0065
hHC03	1880.2766	1892.5397	1897.0095
hHC04	1819.5406	1832.2342	1837.2763
hHC05	1766.1173	1778.4778	1782.2988
hHC06	2228.2420	2241.2756	2248.3053
hHC07	539.9881	538.3079	631.9166

hHC11	584.1750	593.4745	538.7962
hHC14	541.8243	542.6771	538.7962
hHC16	562.2545	566.8160	538.7962
hHC29	1795.3825	334.7747	763.4726
hHC30	1848.8059	388.5310	818.4501
hHC31	4426.8272	4424.7184	4531.0556
hHC32	864.5590	857.5018	935.5482
hHC34	271.7260	272.2449	247.8440
hHC38	193.7171	193.8642	230.6014
hHC41	151.4399	149.2877	113.9504
hHC45	247.6761	242.1051	343.1525
hHC29	685.9236	128.6613	304.7096
hHC30	606.6546	49.7093	223.6835
hHC31	1214.5758	1230.3382	1248.5103
hR1	897.0007	1464.9273	1371.8735
hR29	594.2613	1167.9515	1009.2163
hR1	2347.8699	3811.7179	3437.3316
hR29	2578.0213	4036.1874	3712.6054
hSC401	331.7165	306.9903	279.4030
hSC402	335.0924	310.3778	282.8385
hSC403	254.0820	235.1707	204.2776
hSC404	250.7062	231.7832	200.8421
hSC405	220.0573	203.6795	176.3421
hSC406	955.4692	889.1580	911.4336
hSC407	1411.4044	1313.4189	1341.3034
hSC408	1354.0587	1260.0549	1298.2270
hSC409	909.2389	846.1145	871.1343
hSC411	819.5792	762.8177	785.3743
hSC412	89.6597	83.2969	85.7600
hSC413	82.5355	76.6969	79.1600
hSC414	21.7697	20.6830	4.2606
hvHC29	1109.4589	206.1134	458.7630
hvHC30	1242.1513	338.8218	594.7667
hvHC31	3212.2514	3194.3803	3282.5453
hvR1	1450.8692	2346.7906	2065.4580
hvR29	1983.7600	2868.2359	2703.3891
K1C323	2.0330	2.0330	2.0366
K1C325	1.0000	1.0000	1.0000
K1C408	7.9557	7.9557	7.9557
K1C414	2.5206	2.5206	2.5435
K1C428	4.2665	4.2252	4.1744
K1C430	3.7871	3.7349	3.6723
K1C601	2.7082	2.7057	2.6495
K1C603	1.2670	1.2915	1.2890
K1C606A	1.8270	1.8140	1.8198
K1C606C	4.1282	4.1728	4.1459

K1C614B	2.6971	2.6976	3.3102
K1C615_A	2.4447	2.4441	2.4070
K1C616_A	2.8990	2.9024	2.8418
K1E633	3.8441	5.1214	4.0573
K1E6XX	4.2127	3.9665	4.0547
K1SC406	3.6119	3.6118	3.5389
K1SC408	2.5342	2.5337	2.4999
K2C601	0.7994	0.7985	0.7783
K2E633	1.0879	1.4495	1.1483
K2E6XX	1.1923	1.1226	1.1475
K2SC406	1.1352	1.1352	1.1074
K2SC408	0.7370	0.7369	0.7249
K3C323	0.8932	0.8932	0.8948
K3C325	0.4011	0.4011	0.4010
K3C408	3.8360	3.8360	3.8360
K3C414	1.0505	1.0505	1.0613
K3C428	1.9007	1.8800	1.8546
K3C430	1.6620	1.6363	1.6055
K3C601	1.0863	1.0852	1.0597
K3C603	0.5242	0.5356	0.5343
K3C606A	0.7301	0.7242	0.7268
K3C606C	1.8289	1.8512	1.8377
K3C614B	0.8269	0.8286	1.0486
K3C615_A	0.9978	0.9992	0.9796
K3C616_A	1.0439	1.0458	1.0162
K3E633	1.2952	1.7255	1.3670
K3E6XX	1.4194	1.3364	1.3661
K3SC406	1.5043	1.5043	1.4700
K3SC408	1.0076	1.0074	0.9922
K4C323	0.6784	0.6784	0.6796
K4C325	0.2894	0.2894	0.2893
K4C408	3.0229	3.0229	3.0229
K4C414	0.7751	0.7751	0.7836
K4C428	1.4535	1.4369	1.4164
K4C430	1.2616	1.2409	1.2162
K4C601	0.7838	0.7829	0.7633
K4C603	0.3851	0.3941	0.3930
K4C606A	0.5255	0.5210	0.5230
K4C606C	1.3949	1.4128	1.4020
K4C614B	0.5115	0.5130	0.6596
K4C615_A	0.7207	0.7223	0.7066
K4C616_A	0.7039	0.7054	0.6825
K4E633	0.8496	1.1320	0.8968
K4E6XX	0.9311	0.8767	0.8962
K4SC406	1.1095	1.1095	1.0826
K4SC408	0.7232	0.7230	0.7114

K5C323	0.3104	0.3104	0.3109
K5C325	0.1194	0.1194	0.1194
K5C408	1.5088	1.5088	1.5088
K5C414	0.3344	0.3344	0.3385
K5C428	0.6747	0.6661	0.6556
K5C430	0.5765	0.5660	0.5534
K5C601	0.3235	0.3231	0.3140
K5C603	0.1648	0.1691	0.1685
K5C606A	0.2160	0.2139	0.2148
K5C606C	0.6438	0.6530	0.6474
K5C614B	0.1403	0.1410	0.1877
K5C615_A	0.2765	0.2776	0.2702
K5C616_A	0.2323	0.2329	0.2234
K5E633	0.2901	0.3865	0.3062
K5E6XX	0.3179	0.2994	0.3060
K5SC406	0.4784	0.4784	0.4654
K5SC408	0.2954	0.2954	0.2900
K6C601	0.2524	0.2521	0.2446
K6SC406	0.3807	0.3807	0.3699
K6SC408	0.2294	0.2293	0.2249
K7C323	0.1211	0.1211	0.1213
K7C325	0.0399	0.0399	0.0398
K7C408	0.6737	0.6737	0.6737
K7C414	0.1194	0.1194	0.1211
K7C428	0.2691	0.2652	0.2604
K7C430	0.2245	0.2198	0.2141
K7C601	0.1081	0.1079	0.1044
K7C603	0.0581	0.0599	0.0596
K7C606A	0.0717	0.0708	0.0712
K7C614B	0.0327	0.0329	0.0461
K7C615_A	0.1054	0.1062	0.1025
K7C616_A	0.0710	0.0713	0.0675
K7E633	0.0705	0.0939	0.0744
K7E6XX	0.0772	0.0727	0.0743
K7SC406	0.1706	0.1706	0.1652
K7SC408	0.0972	0.0971	0.0951
Kp1C601	3.2369	3.2343	3.1569
Kp1C603	1.7971	1.8285	1.8269
Kp1C606A	2.2970	2.2636	2.2378
Kp1C606D	6.1360	6.2638	6.0758
Kp2C601	0.9936	0.9927	0.9638
Kp3C601	1.3292	1.3280	1.2921
Kp3C603	0.7774	0.7927	0.7917
Kp3C606A	0.9459	0.9303	0.9184
Kp3C606D	2.8616	2.9288	2.8299
Kp4C601	0.9723	0.9714	0.9434

Kp4C603	0.5856	0.5978	0.5970
Kp4C606A	0.6931	0.6809	0.6716
Kp4C606D	2.2317	2.2863	2.2060
Kp5C601	0.4124	0.4120	0.3987
Kp5C603	0.2635	0.2696	0.2691
Kp5C606A	0.2949	0.2891	0.2847
Kp5C606D	1.0830	1.1121	1.0693
Kp6C601	0.3258	0.3254	0.3144
Kp7C601	0.1435	0.1433	0.1379
Kp7C603	0.1002	0.1029	0.1027
Kp7C606A	0.1031	0.1008	0.0990
Kp7C606D	0.4626	0.4768	0.4560
kWad1	178.2665	177.5590	172.6186
kWad2	281.7335	282.4410	287.3814
LpC601	1.8597	1.7286	1.7260
LpC603	2.5393	2.4667	2.4442
LpC606A	2.7169	2.7369	2.8011
PC303	101.0000	101.0000	101.0000
PC306	859.8863	870.0000	855.1811
PC307	789.8863	800.0000	785.1811
PC308	789.8863	800.0000	785.1811
PC309	769.8863	780.0000	765.1811
PC311	267.4371	268.2949	260.0000
PC312	789.8863	800.0000	785.1811
PHC30	139.9430	105.0394	132.5879
PHC32	101.2401	102.3450	101.0000
PR29	127.6988	135.6251	132.6749
Profit	21.9855	23.5907	27.5726
Q2HC07	0.0345	0.0342	0.0401
Q2HC11	0.0373	0.0378	0.0342
Q2HC14	0.0346	0.0345	0.0342
Q2HC16	0.0359	0.0361	0.0342
qFp1C606A	0.0682	0.0684	0.0662
qFp3C606A	0.0070	0.0071	0.0071
qFp4C606A	0.8649	0.8690	0.8473
qFp5C606A	0.5972	0.6025	0.6006
qFp7C606A	0.2851	0.2436	0.1958
qS1C606A	0.7399	0.7388	0.7511
qS3C606A	0.5107	0.5054	0.5160
qS4C606A	0.0470	0.0450	0.0534
qS5C606A	0.0289	0.0283	0.0279
qS7C606A	0.0120	0.0128	0.0056
r10C623	0.0000	0.0000	0.0000
r10C625	0.0000	0.0000	0.0000
r10C627	0.0000	0.0000	0.0000
r10C629	0.0000	0.0000	0.0000

r2C623	0.0087	0.0086	0.0101
r2C625	0.0094	0.0095	0.0086
r2C627	0.0087	0.0087	0.0086
r2C629	0.0090	0.0091	0.0086
r3C623	0.0100	0.0100	0.0116
r3C625	0.0108	0.0110	0.0100
r3C627	0.0101	0.0102	0.0101
r3C629	0.0104	0.0106	0.0100
r4C623	0.0014	0.0014	0.0015
r4C625	0.0014	0.0015	0.0014
r4C627	0.0014	0.0015	0.0015
r4C629	0.0014	0.0015	0.0014
r5C623	0.0000	0.0000	0.0000
r5C625	0.0000	0.0000	0.0000
r5C627	0.0000	0.0000	0.0000
r5C629	0.0000	0.0000	0.0000
r7C623	0.0000	0.0000	0.0000
r7C625	0.0000	0.0000	0.0000
r7C627	0.0000	0.0000	0.0000
r7C629	0.0000	0.0000	0.0000
r8C623	0.0000	0.0000	0.0000
r8C625	0.0000	0.0000	0.0000
r8C627	0.0000	0.0000	0.0000
r8C629	0.0000	0.0000	0.0000
r9C623	0.0087	0.0086	0.0101
r9C625	0.0094	0.0095	0.0086
r9C627	0.0087	0.0087	0.0086
r9C629	0.0090	0.0090	0.0086
rho2HC07	650.0000	650.0000	650.0000
rho2HC11	650.0000	650.0000	650.0000
rho2HC14	650.0000	650.0000	650.0000
rho2HC16	650.0000	650.0000	650.0000
rhoAC09	1500.0000	1700.0000	1700.0000
rhoAC20	1500.0000	1700.0000	1700.0000
rhoAC31	1500.0000	1700.0000	1700.0000
rhoAC42	1500.0000	1700.0000	1700.0000
riC10C623	0.0000	0.0000	0.0000
riC10C625	0.0000	0.0000	0.0000
riC10C627	0.0000	0.0000	0.0000
riC10C629	0.0000	0.0000	0.0000
riC11C623	0.0000	0.0000	0.0000
riC11C625	0.0000	0.0000	0.0000
riC11C627	0.0000	0.0000	0.0000
riC11C629	0.0000	0.0000	0.0000
sf1S34	0.0455	0.0373	0.0297
sf2S34	0.0628	0.0719	0.0401

sfS11	0.4908	0.4891	0.5000
sfS19	0.5384	0.5436	0.5114
sfS2	0.5667	0.9193	0.8183
sfS23	0.5838	0.5841	0.5180
sfS27	0.3794	0.3814	0.2493
sfS41	0.9855	0.9842	0.9848
sfS42	0.7767	0.7847	0.7890
sfS5	0.2423	0.2402	0.2811
sfS7	0.3460	0.3485	0.3333
Sm1C601	2.5569	2.5578	2.5789
Sm1C603	0.5678	0.5380	0.5412
Sm1C606A	2.4202	2.4248	2.4284
Sm1C606D	2.9353	2.9406	2.9472
Sm2C601	0.7849	0.7851	0.7874
Sm3C601	1.0499	1.0502	1.0555
Sm3C603	0.2456	0.2332	0.2345
Sm3C606A	0.9966	0.9966	0.9966
Sm3C606D	1.3076	1.3084	1.3094
Sm4C601	0.7681	0.7682	0.7707
Sm4C603	0.1850	0.1759	0.1769
Sm4C606A	0.7302	0.7294	0.7288
Sm4C606D	1.0000	1.0000	1.0000
Sm5C601	0.3258	0.3258	0.3257
Sm5C603	0.0832	0.0793	0.0797
Sm5C606A	0.3107	0.3097	0.3089
Sm5C606D	0.4642	0.4636	0.4629
Sm6C601	0.2574	0.2574	0.2568
Sm7C601	0.1134	0.1133	0.1127
Sm7C603	0.0317	0.0303	0.0304
Sm7C606A	0.1087	0.1079	0.1074
Sm7C606D	0.1851	0.1846	0.1838
Sn1C601	3.0044	3.0012	2.9388
Sn1C603	1.3575	1.3881	1.3854
Sn1C606A	3.4764	3.4816	3.4793
Sn2C601	0.8869	0.8857	0.8633
Sn3C601	1.2052	1.2037	1.1755
Sn3C603	0.5616	0.5757	0.5743
Sn3C606A	1.3892	1.3899	1.3896
Sn4C601	0.8695	0.8684	0.8466
Sn4C603	0.4126	0.4236	0.4224
Sn4C606A	1.0000	1.0000	1.0000
Sn5C601	0.3589	0.3584	0.3483
Sn5C603	0.1765	0.1817	0.1811
Sn5C606A	0.4109	0.4105	0.4107
Sn6C601	0.2800	0.2796	0.2713
Sn7C601	0.1199	0.1197	0.1157



Sn7C603	0.0622	0.0643	0.0641
Sn7C606A	0.1363	0.1360	0.1361
TAC02	290.0000	276.0000	276.0000
TAC05	280.0000	280.7685	280.0000
TAC07	280.3077	280.7300	280.0072
TAC15	280.0000	280.0000	280.0000
TAC18	280.0692	280.0740	280.0506
TAC20	280.0000	280.0000	280.0000
TAC26	286.8387	281.5536	285.5411
TAC29	286.9752	281.6756	285.6678
TAC37	280.0000	282.1826	280.0000
TAC40	280.1059	282.2134	280.0908
TC301	284.1024	283.4809	283.9903
TC302	256.2076	256.5217	262.1085
TC309	324.4772	324.9931	323.6029
TC310	290.1805	290.3428	288.4001
TC311	290.1805	290.3428	288.4001
TC312	328.8516	329.4515	327.8199
TC318	322.9762	321.7607	320.3057
TC319	301.1412	301.0963	300.1360
TC320	301.1412	301.0963	300.1360
TC322	301.1412	301.0963	300.1360
TC323	359.0000	359.0000	359.0000
TC326	322.5982	322.5977	322.5169
TC328	322.5982	322.5977	322.5169
TC329	322.5982	322.5977	322.5169
TC401	284.1024	283.4809	283.9903
TC402	285.0039	284.3695	284.8666
TC403	296.3172	295.4427	295.6869
TC406	389.0733	391.7822	388.9943
TC409	460.9601	461.0000	460.9878
TC411	403.7990	404.6000	404.6000
TC412	362.7903	363.4115	363.0369
TC413	301.9867	301.0000	301.0000
TC415	307.0024	306.2200	306.8448
TC417	303.2733	303.3835	298.4938
TC425	362.7903	363.4115	363.0369
TC426	362.7903	363.4115	363.0369
TC427	375.3307	374.5871	373.7061
TC428	365.3524	364.7845	364.0814
TC430	358.5027	357.7210	356.7717
TC431	362.7903	363.4115	363.0369
TC432	362.7903	363.4115	363.0369
TcwotE609A	307.9581	309.5790	308.9711
TcwotE621A	325.5806	326.7748	326.0257
TcwotE621B	300.2546	298.0000	298.0000

TcwotE627A	295.0000	295.0000	295.0000
TcwotE627B	293.0000	293.0000	293.0000
TcwotE641A	318.8516	319.4515	317.8199
TcwotE641B	314.4772	314.9931	312.1219
TcwoutE603	319.9625	321.7345	321.3083
TcwoutE605	302.9843	300.7524	298.0000
TcwoutE611	296.6666	299.7561	298.2533
TcwoutE613	301.6558	312.5977	312.5169
TcwoutE617	315.1802	321.7361	318.4886
TcwoutE626	297.0441	296.3056	295.0004
TcwoutE634	341.3298	341.2332	341.1740
TcwoutE640	311.1572	311.5009	310.6252
THC01	296.6064	295.9786	296.4736
THC02	294.1024	293.4809	293.9903
THC03	304.3172	303.4427	303.6869
THC04	296.6896	295.9313	296.2641
THC05	289.8613	289.1182	289.3123
THC06	290.6950	289.9719	290.2301
THC07	290.6950	289.9719	290.2301
THC11	290.6950	289.9719	290.2301
THC14	290.6950	289.9719	290.2301
THC16	290.6950	289.9719	290.2301
THC22	280.0000	282.1826	280.0000
THC23	286.8387	281.5536	285.5411
THC24	283.1312	281.8945	282.3215
THC25	280.0000	280.0000	280.0000
THC26	282.0652	281.2436	281.5462
THC27	280.0000	280.7685	280.0000
THC28	281.5186	281.1182	281.1196
THC29	281.5186	281.1182	281.1196
THC30	281.5186	281.1182	281.1196
THC31	284.1024	283.4809	283.9903
THC34	256.2076	256.5217	262.1085
THC38	256.2076	256.5217	262.1085
THC41	256.2076	256.5217	262.1085
THC45	256.2076	256.5217	262.1085
TmC601	331.1039	331.0655	329.8897
TmC603	352.1317	353.0809	352.9383
TmC606A	332.1615	331.4440	330.8858
TmC606D	387.6762	389.0087	387.0407
TmK601	308.2412	307.8758	308.2046
TnC601	322.6333	322.5912	321.6227
TnC603	333.9308	334.8798	334.6967
TnC606A	321.2979	320.9710	321.1160
TR1	281.5186	281.1182	281.1196
TR29	281.5186	281.1182	281.1196

TSC401	323.2147	322.9332	321.3083
TSC404	333.2147	332.9332	331.3083
TSC406	336.5289	336.5277	335.5049
TSC407	336.5289	336.5277	335.5049
TSC409	319.5877	319.5790	318.9711
TSC411	319.5877	319.5790	318.9711
TSC412	319.5877	319.5790	318.9711
TSC414	320.0000	320.0000	275.0333
Utilities	8.2063	8.1732	8.1772
VFC614B	0.2059	0.2052	0.1630
VFC615	0.3651	0.3668	0.3612
VFC616	0.2487	0.2516	0.2539
VFM3	0.4875	0.4848	0.4693
VpC601	1.4690	1.3671	1.4100
VpC603	0.8023	0.7258	0.7241
VpC606A	2.8626	2.9319	3.0397
x10AC09	0.0000	0.0000	0.0000
x10AC20	0.0000	0.0000	0.0000
x10AC31	0.0000	0.0000	0.0000
x10AC42	0.0000	0.0000	0.0000
x11AC02	0.9980	0.9980	0.9980
x11AC05	0.9719	0.9721	0.9677
x11AC07	0.9725	0.9727	0.9684
x11AC09	0.7916	0.7891	0.7757
x11AC15	0.9436	0.9435	0.9418
x11AC18	0.9441	0.9439	0.9422
x11AC20	0.8075	0.8213	0.8223
x11AC26	0.9174	0.9173	0.9159
x11AC29	0.9176	0.9176	0.9162
x11AC31	0.8536	0.8452	0.8484
x11AC37	0.8902	0.8900	0.8900
x11AC40	0.8904	0.8903	0.8903
x11AC42	0.8105	0.8091	0.8023
x12AC02	0.0020	0.0020	0.0020
x12AC05	0.0281	0.0279	0.0324
x12AC07	0.0275	0.0273	0.0316
x12AC09	0.0229	0.0227	0.0259
x12AC12	0.0281	0.0279	0.0324
x12AC15	0.0564	0.0565	0.0582
x12AC18	0.0559	0.0561	0.0578
x12AC20	0.0483	0.0492	0.0509
x12AC23	0.0564	0.0565	0.0582
x12AC26	0.0826	0.0827	0.0841
x12AC29	0.0824	0.0824	0.0839
x12AC31	0.0769	0.0762	0.0779
x12AC34	0.0826	0.0827	0.0841

x12AC37	0.1098	0.1100	0.1100
x12AC40	0.1096	0.1097	0.1097
x12AC42	0.1000	0.1000	0.0992
x12AC45	0.1098	0.1100	0.1100
x1AC09	0.0085	0.0085	0.0092
x1AC20	0.0071	0.0063	0.0058
x1AC31	0.0035	0.0039	0.0037
x1AC42	0.0042	0.0042	0.0042
x1C301	0.0689	0.0682	0.0665
x1C302	0.0581	0.0572	0.0764
x1C303	0.0676	0.0669	0.0674
x1C306	0.0715	0.0707	0.0713
x1C307	0.0715	0.0707	0.0713
x1C308	0.0455	0.0450	0.0464
x1C309	0.0455	0.0450	0.0464
x1C310	0.0920	0.0906	0.0914
x1C311	0.0301	0.0296	0.0311
x1C312	0.1165	0.1150	0.1154
x1C315	0.1165	0.1150	0.1154
x1C317	0.0893	0.0893	0.0895
x1C318	0.0893	0.0893	0.0895
x1C319	0.0893	0.0893	0.0895
x1C320	0.0893	0.0893	0.0895
x1C321	0.0893	0.0893	0.0895
x1C322	0.0893	0.0893	0.0895
x1C323	0.0893	0.0893	0.0895
x1C324	0.0893	0.0893	0.0895
x1C326	1.0000	1.0000	1.0000
x1C328	1.0000	1.0000	1.0000
x1C329	1.0000	1.0000	1.0000
x1C401	0.0154	0.0153	0.0145
x1C402	0.0154	0.0153	0.0145
x1C403	0.0154	0.0153	0.0145
x1C404	0.0154	0.0153	0.0145
x1C405	0.0000	0.0000	0.0000
x1C406	0.0000	0.0000	0.0000
x1C407	0.0000	0.0000	0.0000
x1C408	0.0000	0.0000	0.0000
x1C409	0.0000	0.0000	0.0000
x1C410	0.0010	0.0009	0.0009
x1C411	0.0010	0.0009	0.0009
x1C412	0.0045	0.0044	0.0042
x1C413	0.0045	0.0044	0.0042
x1C414	0.0617	0.0612	0.0606
x1C415	0.0617	0.0612	0.0606
x1C418	0.0593	0.0590	0.0588

x1C419	0.0593	0.0590	0.0588
x1C425	0.0010	0.0009	0.0009
x1C426	0.0010	0.0009	0.0009
x1C427	0.0013	0.0012	0.0012
x1C428	0.0014	0.0014	0.0013
x1C430	0.0014	0.0014	0.0013
x1C431	0.0045	0.0044	0.0042
x1C432	0.0045	0.0044	0.0042
x1HC01	0.0556	0.0509	0.0497
x1HC02	0.0556	0.0509	0.0497
x1HC03	0.0603	0.0602	0.0594
x1HC04	0.0603	0.0602	0.0594
x1HC05	0.0603	0.0602	0.0594
x1HC06	0.0593	0.0582	0.0573
x1HC07	0.0593	0.0582	0.0573
x1HC08	0.0593	0.0582	0.0573
x1HC11	0.0593	0.0582	0.0573
x1HC14	0.0593	0.0582	0.0573
x1HC15	0.0593	0.0582	0.0573
x1HC16	0.0593	0.0582	0.0573
x1HC22	0.0470	0.0464	0.0427
x1HC23	0.0504	0.0496	0.0506
x1HC24	0.0485	0.0479	0.0460
x1HC25	0.0492	0.0484	0.0459
x1HC26	0.0487	0.0480	0.0460
x1HC27	0.0459	0.0450	0.0466
x1HC28	0.0190	0.0188	0.0188
x1HC29	0.0190	0.0188	0.0188
x1HC30	0.0171	0.0093	0.0145
x1HC31	0.0154	0.0153	0.0145
x1HC32	0.0229	0.0225	0.0223
x1HC33	0.0229	0.0225	0.0223
x1HC34	0.0229	0.0225	0.0223
x1HC38	0.0229	0.0225	0.0223
x1HC40	0.0229	0.0225	0.0223
x1HC41	0.0229	0.0225	0.0223
x1HC45	0.0229	0.0225	0.0223
x1R1	0.0190	0.0188	0.0188
x1R29	0.0136	0.0155	0.0145
x1SC401	0.0000	0.0000	0.0046
x1SC402	0.0000	0.0000	0.0046
x1SC404	0.0000	0.0000	0.0000
x1SC405	0.0000	0.0000	0.0000
x1SC406	0.0000	0.0000	0.0000
x1SC407	0.0000	0.0000	0.0000
x1SC409	0.0000	0.0000	0.0150

x1SC411	0.0000	0.0000	0.0150
x1SC412	0.0000	0.0000	0.0150
x1SC413	0.0000	0.0000	0.0150
x1SC414	0.1000	0.0982	0.1000
x2AC09	0.0000	0.0000	0.0000
x2AC20	0.0000	0.0000	0.0000
x2AC31	0.0000	0.0000	0.0000
x2AC42	0.0000	0.0000	0.0000
x2C301	0.0000	0.0000	0.0000
x2C417	0.0200	0.0201	0.0062
x2C418	0.0012	0.0011	0.0009
x2C419	0.0012	0.0011	0.0009
x2HC01	0.1000	0.1000	0.1000
x2HC02	0.1000	0.1000	0.1000
x2HC03	0.0011	0.0010	0.0009
x2HC04	0.0011	0.0010	0.0009
x2HC05	0.0011	0.0010	0.0009
x2HC06	0.0224	0.0223	0.0222
x2HC07	0.0224	0.0223	0.0222
x2HC08	0.0224	0.0223	0.0222
x2HC11	0.0224	0.0223	0.0222
x2HC14	0.0224	0.0223	0.0222
x2HC15	0.0224	0.0223	0.0222
x2HC16	0.0224	0.0223	0.0222
x2HC22	0.0000	0.0000	0.0000
x2HC23	0.0000	0.0000	0.0000
x2HC24	0.0000	0.0000	0.0000
x2HC25	0.0000	0.0000	0.0000
x2HC26	0.0000	0.0000	0.0000
x2HC27	0.0000	0.0000	0.0000
x2HC28	0.0000	0.0000	0.0000
x2HC29	0.0000	0.0000	0.0000
x2HC30	0.0000	0.0000	0.0000
x2HC31	0.0000	0.0000	0.0000
x2R1	0.0000	0.0000	0.0000
x2R29	0.0000	0.0000	0.0000
x2SC401	0.0000	0.0000	0.0131
x2SC402	0.0000	0.0000	0.0131
x2SC404	0.0000	0.0000	0.0187
x2SC405	0.0000	0.0000	0.0187
x2SC406	0.0000	0.0000	0.0187
x2SC407	0.0000	0.0000	0.0187
x2SC409	0.0000	0.0000	0.0004
x2SC411	0.0000	0.0000	0.0004
x2SC412	0.0000	0.0000	0.0004
x2SC413	0.0000	0.0000	0.0004

x2SC414	0.1000	0.0985	0.1000
x3AC09	0.1268	0.1288	0.1295
x3AC20	0.0968	0.0870	0.0831
x3AC31	0.0463	0.0524	0.0470
x3AC42	0.0608	0.0618	0.0657
x3C301	0.7816	0.7820	0.7595
x3C302	0.6019	0.6027	0.8108
x3C303	0.7606	0.7612	0.7642
x3C306	0.7687	0.7694	0.7692
x3C307	0.7687	0.7694	0.7692
x3C308	0.7563	0.7567	0.7658
x3C309	0.7563	0.7567	0.7658
x3C310	0.8114	0.8126	0.7951
x3C311	0.7381	0.7379	0.7558
x3C312	0.7901	0.7914	0.7753
x3C315	0.7901	0.7914	0.7753
x3C317	0.8144	0.8144	0.7981
x3C318	0.8144	0.8144	0.7981
x3C319	0.8144	0.8144	0.7981
x3C320	0.8144	0.8144	0.7981
x3C321	0.8144	0.8144	0.7981
x3C322	0.8144	0.8144	0.7981
x3C323	0.8144	0.8144	0.7981
x3C324	0.8144	0.8144	0.7981
x3C326	0.0000	0.0000	0.0000
x3C328	0.0000	0.0000	0.0000
x3C329	0.0000	0.0000	0.0000
x3C401	0.5099	0.5135	0.4914
x3C402	0.5099	0.5135	0.4914
x3C403	0.5099	0.5135	0.4914
x3C404	0.5099	0.5135	0.4914
x3C405	0.0001	0.0001	0.0001
x3C406	0.0001	0.0001	0.0001
x3C407	0.0001	0.0001	0.0001
x3C408	0.0001	0.0001	0.0001
x3C409	0.0001	0.0001	0.0001
x3C410	0.0030	0.0029	0.0028
x3C411	0.0030	0.0029	0.0028
x3C412	0.0061	0.0061	0.0058
x3C413	0.0061	0.0061	0.0058
x3C414	0.8321	0.8334	0.8032
x3C415	0.8321	0.8334	0.8032
x3C418	0.8351	0.8361	0.8098
x3C419	0.8351	0.8361	0.8098
x3C425	0.0030	0.0029	0.0028
x3C426	0.0030	0.0029	0.0028

x3C427	0.0039	0.0038	0.0036
x3C428	0.0043	0.0042	0.0040
x3C430	0.0046	0.0046	0.0044
x3C431	0.0061	0.0061	0.0058
x3C432	0.0061	0.0061	0.0058
x3HC01	0.0174	0.0178	0.0149
x3HC02	0.0174	0.0178	0.0149
x3HC03	0.8344	0.8352	0.8095
x3HC04	0.8344	0.8352	0.8095
x3HC05	0.8344	0.8352	0.8095
x3HC06	0.6584	0.6599	0.6387
x3HC07	0.6584	0.6599	0.6387
x3HC08	0.6584	0.6599	0.6387
x3HC11	0.6584	0.6599	0.6387
x3HC14	0.6584	0.6599	0.6387
x3HC15	0.6584	0.6599	0.6387
x3HC16	0.6584	0.6599	0.6387
x3HC22	0.6795	0.6792	0.6675
x3HC23	0.6661	0.6666	0.6374
x3HC24	0.6734	0.6735	0.6549
x3HC25	0.6710	0.6714	0.6551
x3HC26	0.6726	0.6728	0.6550
x3HC27	0.6838	0.6846	0.6529
x3HC28	0.5672	0.5682	0.5543
x3HC29	0.5672	0.5682	0.5543
x3HC30	0.5414	0.3657	0.4910
x3HC31	0.5099	0.5135	0.4914
x3HC32	0.7734	0.7728	0.7451
x3HC33	0.7734	0.7728	0.7451
x3HC34	0.7734	0.7728	0.7451
x3HC38	0.7734	0.7728	0.7451
x3HC40	0.7734	0.7728	0.7451
x3HC41	0.7734	0.7728	0.7451
x3HC45	0.7734	0.7728	0.7451
x3R1	0.5672	0.5682	0.5543
x3R29	0.4779	0.5198	0.4914
x3SC401	0.2792	0.2802	0.3131
x3SC402	0.2792	0.2802	0.3131
x3SC404	0.0191	0.0192	0.0225
x3SC405	0.0191	0.0192	0.0225
x3SC406	0.0191	0.0192	0.0225
x3SC407	0.0191	0.0192	0.0225
x3SC409	0.9806	0.9812	0.9745
x3SC411	0.9806	0.9812	0.9745
x3SC412	0.9806	0.9812	0.9745
x3SC413	0.9806	0.9812	0.9745



x3SC414	0.5000	0.5000	0.5000
x4AC09	0.0194	0.0198	0.0255
x4AC20	0.0146	0.0132	0.0164
x4AC31	0.0070	0.0079	0.0092
x4AC42	0.0093	0.0094	0.0131
x4C301	0.1032	0.1031	0.1300
x4C302	0.0607	0.0609	0.1073
x4C303	0.0983	0.0982	0.1279
x4C306	0.0959	0.0959	0.1242
x4C307	0.0959	0.0959	0.1242
x4C308	0.1054	0.1054	0.1376
x4C309	0.1054	0.1054	0.1376
x4C310	0.0835	0.0837	0.1051
x4C311	0.1126	0.1126	0.1487
x4C312	0.0795	0.0797	0.1005
x4C315	0.0795	0.0797	0.1005
x4C317	0.0820	0.0820	0.1034
x4C318	0.0820	0.0820	0.1034
x4C319	0.0820	0.0820	0.1034
x4C320	0.0820	0.0820	0.1034
x4C321	0.0820	0.0820	0.1034
x4C322	0.0820	0.0820	0.1034
x4C323	0.0820	0.0820	0.1034
x4C324	0.0820	0.0820	0.1034
x4C325	0.0000	0.0000	0.0000
x4C326	0.0000	0.0000	0.0000
x4C328	0.0000	0.0000	0.0000
x4C329	0.0000	0.0000	0.0000
x4C401	0.1018	0.1025	0.1282
x4C402	0.1018	0.1025	0.1282
x4C403	0.1018	0.1025	0.1282
x4C404	0.1018	0.1025	0.1282
x4C405	0.0609	0.0608	0.0608
x4C406	0.0609	0.0608	0.0608
x4C407	0.0609	0.0608	0.0608
x4C408	0.0609	0.0608	0.0608
x4C409	0.0609	0.0608	0.0608
x4C410	0.5275	0.5315	0.5519
x4C411	0.5275	0.5315	0.5519
x4C412	0.8160	0.8378	0.8646
x4C413	0.8160	0.8378	0.8646
x4C414	0.0929	0.0920	0.1230
x4C415	0.0929	0.0920	0.1230
x4C418	0.0896	0.0890	0.1177
x4C419	0.0896	0.0890	0.1177
x4C425	0.5275	0.5315	0.5519

x4C426	0.5275	0.5315	0.5519
x4C427	0.6768	0.6789	0.7003
x4C428	0.7392	0.7371	0.7564
x4C430	0.6330	0.6525	0.6781
x4C431	0.8160	0.8378	0.8646
x4C432	0.8160	0.8378	0.8646
x4HC01	0.0856	0.0894	0.0954
x4HC02	0.0856	0.0894	0.0954
x4HC03	0.0894	0.0887	0.1174
x4HC04	0.0894	0.0887	0.1174
x4HC05	0.0894	0.0887	0.1174
x4HC06	0.0886	0.0889	0.1127
x4HC07	0.0886	0.0889	0.1127
x4HC08	0.0886	0.0889	0.1127
x4HC11	0.0886	0.0889	0.1127
x4HC14	0.0886	0.0889	0.1127
x4HC15	0.0886	0.0889	0.1127
x4HC16	0.0886	0.0889	0.1127
x4HC22	0.1036	0.1037	0.1333
x4HC23	0.1006	0.1008	0.1243
x4HC24	0.1022	0.1023	0.1296
x4HC25	0.1015	0.1017	0.1296
x4HC26	0.1020	0.1021	0.1296
x4HC27	0.1047	0.1050	0.1286
x4HC28	0.1072	0.1074	0.1351
x4HC29	0.1072	0.1074	0.1351
x4HC30	0.1054	0.0803	0.1282
x4HC31	0.1018	0.1025	0.1282
x4HC32	0.1261	0.1260	0.1568
x4HC33	0.1261	0.1260	0.1568
x4HC34	0.1261	0.1260	0.1568
x4HC38	0.1261	0.1260	0.1568
x4HC40	0.1261	0.1260	0.1568
x4HC41	0.1261	0.1260	0.1568
x4HC45	0.1261	0.1260	0.1568
x4R1	0.1072	0.1074	0.1351
x4R29	0.0983	0.1034	0.1282
x4SC401	0.5713	0.5706	0.5571
x4SC402	0.5713	0.5706	0.5571
x4SC404	0.7760	0.7759	0.7974
x4SC405	0.7760	0.7759	0.7974
x4SC406	0.7760	0.7759	0.7974
x4SC407	0.7760	0.7759	0.7974
x4SC409	0.0194	0.0188	0.0101
x4SC411	0.0194	0.0188	0.0101
x4SC412	0.0194	0.0188	0.0101

x4SC413	0.0194	0.0188	0.0101
x4SC414	0.1000	0.1000	0.0000
x5AC09	0.0058	0.0058	0.0060
x5AC20	0.0045	0.0040	0.0039
x5AC31	0.0022	0.0025	0.0023
x5AC42	0.0028	0.0028	0.0030
x5C301	0.0182	0.0181	0.0174
x5C302	0.0040	0.0040	0.0055
x5C303	0.0166	0.0165	0.0163
x5C306	0.0149	0.0148	0.0146
x5C307	0.0149	0.0148	0.0146
x5C308	0.0201	0.0200	0.0198
x5C309	0.0201	0.0200	0.0198
x5C310	0.0061	0.0061	0.0057
x5C311	0.0248	0.0247	0.0245
x5C312	0.0058	0.0058	0.0055
x5C315	0.0058	0.0058	0.0055
x5C317	0.0060	0.0060	0.0057
x5C318	0.0060	0.0060	0.0057
x5C319	0.0060	0.0060	0.0057
x5C320	0.0060	0.0060	0.0057
x5C321	0.0060	0.0060	0.0057
x5C322	0.0060	0.0060	0.0057
x5C323	0.0060	0.0060	0.0057
x5C324	0.0060	0.0060	0.0057
x5C325	0.0000	0.0000	0.0000
x5C326	0.0000	0.0000	0.0000
x5C328	0.0000	0.0000	0.0000
x5C329	0.0000	0.0000	0.0000
x5C401	0.0515	0.0512	0.0504
x5C402	0.0515	0.0512	0.0504
x5C403	0.0515	0.0512	0.0504
x5C404	0.0515	0.0512	0.0504
x5C405	0.1322	0.1325	0.1323
x5C406	0.1322	0.1325	0.1323
x5C407	0.1322	0.1325	0.1323
x5C408	0.1322	0.1325	0.1323
x5C409	0.1322	0.1325	0.1323
x5C410	0.0940	0.0927	0.0890
x5C411	0.0940	0.0927	0.0890
x5C412	0.0671	0.0676	0.0644
x5C413	0.0671	0.0676	0.0644
x5C414	0.0013	0.0013	0.0012
x5C415	0.0013	0.0013	0.0012
x5C418	0.0013	0.0013	0.0014
x5C419	0.0013	0.0013	0.0014

x5C425	0.0940	0.0927	0.0890
x5C426	0.0940	0.0927	0.0890
x5C427	0.0817	0.0803	0.0759
x5C428	0.0766	0.0753	0.0710
x5C430	0.0829	0.0830	0.0801
x5C431	0.0671	0.0676	0.0644
x5C432	0.0671	0.0676	0.0644
x5HC01	0.1414	0.1420	0.1400
x5HC02	0.1414	0.1420	0.1400
x5HC03	0.0015	0.0015	0.0015
x5HC04	0.0015	0.0015	0.0015
x5HC05	0.0015	0.0015	0.0015
x5HC06	0.0316	0.0316	0.0313
x5HC07	0.0316	0.0316	0.0313
x5HC08	0.0316	0.0316	0.0313
x5HC11	0.0316	0.0316	0.0313
x5HC14	0.0316	0.0316	0.0313
x5HC15	0.0316	0.0316	0.0313
x5HC16	0.0316	0.0316	0.0313
x5HC22	0.0312	0.0311	0.0301
x5HC23	0.0313	0.0313	0.0308
x5HC24	0.0312	0.0312	0.0304
x5HC25	0.0312	0.0312	0.0303
x5HC26	0.0312	0.0312	0.0304
x5HC27	0.0311	0.0311	0.0304
x5HC28	0.0469	0.0468	0.0449
x5HC29	0.0469	0.0468	0.0449
x5HC30	0.0494	0.0546	0.0504
x5HC31	0.0515	0.0512	0.0504
x5HC32	0.0301	0.0301	0.0283
x5HC33	0.0301	0.0301	0.0283
x5HC34	0.0301	0.0301	0.0283
x5HC38	0.0301	0.0301	0.0283
x5HC40	0.0301	0.0301	0.0283
x5HC41	0.0301	0.0301	0.0283
x5HC45	0.0301	0.0301	0.0283
x5R1	0.0469	0.0468	0.0449
x5R29	0.0536	0.0510	0.0504
x5SC401	0.0730	0.0729	0.0357
x5SC402	0.0730	0.0729	0.0357
x5SC404	0.1000	0.1000	0.0514
x5SC405	0.1000	0.1000	0.0514
x5SC406	0.1000	0.1000	0.0514
x5SC407	0.1000	0.1000	0.0514
x5SC409	0.0000	0.0000	0.0000
x5SC411	0.0000	0.0000	0.0000

x5SC412	0.0000	0.0000	0.0000
x5SC413	0.0000	0.0000	0.0000
x5SC414	0.0065	0.0064	0.1000
x6SC401	0.0730	0.0729	0.0695
x6SC402	0.0730	0.0729	0.0695
x6SC404	0.1000	0.1000	0.1000
x6SC405	0.1000	0.1000	0.1000
x6SC406	0.1000	0.1000	0.1000
x6SC407	0.1000	0.1000	0.1000
x6SC409	0.0000	0.0000	0.0000
x6SC411	0.0000	0.0000	0.0000
x6SC412	0.0000	0.0000	0.0000
x6SC413	0.0000	0.0000	0.0000
x6SC414	0.0970	0.0985	0.1000
x7AC09	0.0196	0.0199	0.0219
x7AC20	0.0165	0.0148	0.0138
x7AC31	0.0082	0.0092	0.0089
x7AC42	0.0097	0.0099	0.0099
x7C301	0.0281	0.0286	0.0265
x7C302	0.2753	0.2753	0.0000
x7C303	0.0570	0.0572	0.0241
x7C306	0.0491	0.0492	0.0206
x7C307	0.0491	0.0492	0.0206
x7C308	0.0727	0.0730	0.0305
x7C309	0.0727	0.0730	0.0305
x7C310	0.0071	0.0071	0.0028
x7C311	0.0944	0.0951	0.0399
x7C312	0.0080	0.0081	0.0032
x7C315	0.0080	0.0081	0.0032
x7C316	0.0080	0.0081	0.0032
x7C317	0.0083	0.0084	0.0033
x7C318	0.0083	0.0084	0.0033
x7C319	0.0083	0.0084	0.0033
x7C320	0.0083	0.0084	0.0033
x7C321	0.0083	0.0084	0.0033
x7C322	0.0083	0.0084	0.0033
x7C323	0.0083	0.0084	0.0033
x7C324	0.0083	0.0084	0.0033
x7C325	0.0000	0.0000	0.0000
x7C326	0.0000	0.0000	0.0000
x7C328	0.0000	0.0000	0.0000
x7C329	0.0000	0.0000	0.0000
x7C401	0.3214	0.3177	0.3155
x7C402	0.3214	0.3177	0.3155
x7C403	0.3214	0.3177	0.3155
x7C404	0.3214	0.3177	0.3155

x7C405	0.8069	0.8067	0.8068
x7C406	0.8069	0.8067	0.8068
x7C407	0.8069	0.8067	0.8068
x7C408	0.8069	0.8067	0.8068
x7C409	0.8069	0.8067	0.8068
x7C410	0.3746	0.3720	0.3554
x7C411	0.3746	0.3720	0.3554
x7C412	0.1064	0.0842	0.0612
x7C413	0.1064	0.0842	0.0612
x7C414	0.0121	0.0121	0.0121
x7C415	0.0121	0.0121	0.0121
x7C417	0.0587	0.0601	0.0179
x7C418	0.0136	0.0136	0.0114
x7C419	0.0136	0.0136	0.0114
x7C425	0.3746	0.3720	0.3554
x7C426	0.3746	0.3720	0.3554
x7C427	0.2363	0.2358	0.2191
x7C428	0.1785	0.1821	0.1674
x7C430	0.2781	0.2585	0.2360
x7C431	0.1064	0.0842	0.0612
x7C432	0.1064	0.0842	0.0612
x7HC01	0.6000	0.6000	0.6000
x7HC02	0.6000	0.6000	0.6000
x7HC03	0.0134	0.0134	0.0112
x7HC04	0.0134	0.0134	0.0112
x7HC05	0.0134	0.0134	0.0112
x7HC06	0.1398	0.1392	0.1378
x7HC07	0.1398	0.1392	0.1378
x7HC08	0.1398	0.1392	0.1378
x7HC11	0.1398	0.1392	0.1378
x7HC14	0.1398	0.1392	0.1378
x7HC15	0.1398	0.1392	0.1378
x7HC16	0.1398	0.1392	0.1378
x7HC22	0.1388	0.1396	0.1265
x7HC23	0.1517	0.1517	0.1570
x7HC24	0.1447	0.1452	0.1393
x7HC25	0.1471	0.1473	0.1390
x7HC26	0.1455	0.1459	0.1392
x7HC27	0.1346	0.1344	0.1416
x7HC28	0.2596	0.2588	0.2470
x7HC29	0.2596	0.2588	0.2470
x7HC30	0.2868	0.4901	0.3160
x7HC31	0.3214	0.3177	0.3155
x7HC32	0.0475	0.0486	0.0476
x7HC33	0.0475	0.0486	0.0476
x7HC34	0.0475	0.0486	0.0476

x7HC38	0.0475	0.0486	0.0476
x7HC40	0.0475	0.0486	0.0476
x7HC41	0.0475	0.0486	0.0476
x7HC45	0.0475	0.0486	0.0476
x7R1	0.2596	0.2588	0.2470
x7R29	0.3566	0.3102	0.3155
x7SC401	0.0035	0.0035	0.0070
x7SC402	0.0035	0.0035	0.0070
x7SC404	0.0049	0.0049	0.0100
x7SC405	0.0049	0.0049	0.0100
x7SC406	0.0049	0.0049	0.0100
x7SC407	0.0049	0.0049	0.0100
x7SC409	0.0000	0.0000	0.0000
x7SC411	0.0000	0.0000	0.0000
x7SC412	0.0000	0.0000	0.0000
x7SC413	0.0000	0.0000	0.0000
x7SC414	0.0965	0.0985	0.1000
x8AC09	0.0000	0.0000	0.0000
x8AC20	0.0000	0.0000	0.0000
x8AC31	0.0000	0.0000	0.0000
x8AC42	0.0000	0.0000	0.0000
x9AC09	0.0053	0.0054	0.0062
x9AC20	0.0048	0.0043	0.0039
x9AC31	0.0024	0.0027	0.0027
x9AC42	0.0027	0.0028	0.0026
xAC02	0.4999	0.4999	0.4999
xAC05	0.4980	0.4981	0.4977
xAC07	0.4981	0.4981	0.4978
xAC09	0.4827	0.4824	0.4811
xAC12	0.4980	0.4981	0.4977
xAC15	0.4960	0.4960	0.4958
xAC18	0.4960	0.4960	0.4959
xAC20	0.4843	0.4856	0.4857
xAC23	0.4960	0.4960	0.4958
xAC26	0.4939	0.4939	0.4938
xAC29	0.4940	0.4940	0.4938
xAC31	0.4886	0.4878	0.4881
xAC34	0.4939	0.4939	0.4938
xAC37	0.4917	0.4917	0.4917
xAC40	0.4918	0.4917	0.4917
xAC42	0.4846	0.4844	0.4838
xiC10AC09	0.0000	0.0000	0.0000
xiC10AC20	0.0000	0.0000	0.0000
xiC10AC31	0.0000	0.0000	0.0000
xiC10AC42	0.0000	0.0000	0.0000
xiC11AC09	0.0000	0.0000	0.0000

xiC11AC20	0.0000	0.0000	0.0000
xiC11AC31	0.0000	0.0000	0.0000
xiC11AC42	0.0000	0.0000	0.0000
xM1C606D	0.0005	0.0005	0.0004
xM3C606D	0.0025	0.0024	0.0023
xM4C606D	0.5484	0.5537	0.5730
xM5C606D	0.0986	0.0984	0.0936
xM7C606D	0.3501	0.3451	0.3307
xx1C302	0.0825	0.0812	0.0984
xx1C308	0.0608	0.0600	0.0611
xx1C310	0.1182	0.1164	0.1173
xx1C311	0.0408	0.0401	0.0413
xx1C312	0.1486	0.1467	0.1470
xx1C323	0.1149	0.1149	0.1149
xx1C325	1.0000	1.0000	1.0000
xx1C405	0.0000	0.0000	0.0000
xx1C408	0.0000	0.0000	0.0000
xx1C425	0.0015	0.0014	0.0014
xx1C428	0.0020	0.0019	0.0018
xx1C430	0.0020	0.0020	0.0019
xx1C431	0.0062	0.0060	0.0057
xx1HC28	0.0274	0.0271	0.0270
xx1HC29	0.0274	0.0271	0.0270
xx1HC30	0.0249	0.0147	0.0214
xx1HC32	0.0306	0.0301	0.0297
xx1R1	0.0274	0.0271	0.0270
xx1R29	0.0204	0.0229	0.0214
xx1SC406	0.0000	0.0000	0.0000
xx1SC408	0.0000	0.0000	0.0197
xx2HC28	0.0000	0.0000	0.0000
xx2HC29	0.0000	0.0000	0.0000
xx2HC30	0.0000	0.0000	0.0000
xx2R1	0.0000	0.0000	0.0000
xx2R29	0.0000	0.0000	0.0000
xx2SC406	0.0000	0.0000	0.0200
xx2SC408	0.0000	0.0000	0.0004
xx3C302	0.6486	0.6497	0.7924
xx3C308	0.7664	0.7670	0.7651
xx3C310	0.7910	0.7926	0.7742
xx3C311	0.7578	0.7579	0.7618
xx3C312	0.7647	0.7663	0.7495
xx3C323	0.7950	0.7949	0.7777
xx3C325	0.0000	0.0000	0.0000
xx3C405	0.0001	0.0001	0.0001
xx3C408	0.0001	0.0001	0.0001
xx3C425	0.0035	0.0034	0.0032



xx3C428	0.0047	0.0045	0.0042
xx3C430	0.0052	0.0051	0.0049
xx3C431	0.0064	0.0063	0.0059
xx3C432	0.0064	0.0063	0.0059
xx3HC28	0.6218	0.6227	0.6046
xx3HC29	0.6218	0.6227	0.6046
xx3HC30	0.6000	0.4393	0.5506
xx3HC32	0.7844	0.7842	0.7557
xx3R1	0.6218	0.6227	0.6046
xx3R29	0.5445	0.5815	0.5509
xx3SC406	0.0199	0.0200	0.0233
xx3SC408	0.9806	0.9812	0.9699
xx4C302	0.0654	0.0656	0.1049
xx4C308	0.1068	0.1068	0.1375
xx4C310	0.0814	0.0816	0.1023
xx4C311	0.1156	0.1157	0.1499
xx4C312	0.0770	0.0771	0.0971
xx4C323	0.0800	0.0800	0.1008
xx4C325	0.0000	0.0000	0.0000
xx4C405	0.0856	0.0855	0.0855
xx4C408	0.0856	0.0855	0.0855
xx4C409	0.0856	0.0855	0.0855
xx4C425	0.6134	0.6172	0.6365
xx4C427	0.7458	0.7478	0.7660
xx4C428	0.7971	0.7956	0.8116
xx4C430	0.7083	0.7249	0.7469
xx4C431	0.8556	0.8720	0.8923
xx4C432	0.8556	0.8720	0.8923
xx4HC28	0.1176	0.1177	0.1474
xx4HC29	0.1176	0.1177	0.1474
xx4HC30	0.1168	0.0964	0.1437
xx4HC32	0.1279	0.1279	0.1590
xx4R1	0.1176	0.1177	0.1474
xx4R29	0.1120	0.1157	0.1438
xx4SC406	0.8087	0.8086	0.8238
xx4SC408	0.0194	0.0188	0.0100
xx5C302	0.0035	0.0035	0.0043
xx5C308	0.0164	0.0164	0.0159
xx5C310	0.0048	0.0048	0.0045
xx5C311	0.0205	0.0205	0.0199
xx5C312	0.0045	0.0045	0.0043
xx5C323	0.0047	0.0047	0.0045
xx5C325	0.0000	0.0000	0.0000
xx5C405	0.1498	0.1501	0.1499
xx5C408	0.1498	0.1501	0.1499
xx5C425	0.0880	0.0868	0.0827

xx5C428	0.0666	0.0655	0.0613
xx5C430	0.0747	0.0743	0.0711
xx5C431	0.0567	0.0567	0.0535
xx5HC28	0.0415	0.0413	0.0395
xx5HC29	0.0415	0.0413	0.0395
xx5HC30	0.0441	0.0529	0.0456
xx5HC32	0.0246	0.0246	0.0231
xx5R1	0.0415	0.0413	0.0395
xx5R29	0.0492	0.0460	0.0455
xx5SC406	0.0840	0.0840	0.0428
xx5SC408	0.0000	0.0000	0.0000
xx6SC406	0.0840	0.0840	0.0832
xx6SC408	0.0000	0.0000	0.0000
xx7C302	0.2000	0.2000	0.0000
xx7C308	0.0497	0.0499	0.0205
xx7C310	0.0046	0.0047	0.0018
xx7C311	0.0654	0.0659	0.0271
xx7C312	0.0052	0.0053	0.0021
xx7C323	0.0054	0.0055	0.0022
xx7C325	0.0000	0.0000	0.0000
xx7C405	0.7646	0.7644	0.7645
xx7C408	0.7646	0.7644	0.7645
xx7C425	0.2936	0.2912	0.2762
xx7C428	0.1297	0.1325	0.1211
xx7C430	0.2098	0.1936	0.1752
xx7C431	0.0752	0.0591	0.0425
xx7HC28	0.1918	0.1912	0.1816
xx7HC29	0.1918	0.1912	0.1816
xx7HC30	0.2142	0.3968	0.2388
xx7HC32	0.0325	0.0333	0.0326
xx7R1	0.1918	0.1912	0.1816
xx7R29	0.2739	0.2339	0.2384
xx7SC406	0.0034	0.0034	0.0070
xx7SC408	0.0000	0.0000	0.0000
y1HC28	0.0784	0.0775	0.0771
y1HC29	0.0784	0.0775	0.0771
y1HC30	0.0737	0.0569	0.0665
y1HC31	0.0689	0.0682	0.0665
y1R1	0.0784	0.0775	0.0771
y1R29	0.0658	0.0695	0.0665
y2HC28	0.0000	0.0000	0.0000
y2HC29	0.0000	0.0000	0.0000
y2HC30	0.0000	0.0000	0.0000
y2HC31	0.0000	0.0000	0.0000
y2R1	0.0000	0.0000	0.0000
y2R29	0.0000	0.0000	0.0000

y3HC28	0.7894	0.7903	0.7676
y3HC29	0.7894	0.7903	0.7676
y3HC30	0.7871	0.7543	0.7594
y3HC31	0.7816	0.7820	0.7595
y3R1	0.7894	0.7903	0.7676
y3R29	0.7781	0.7853	0.7595
y4HC28	0.0979	0.0980	0.1228
y4HC29	0.0979	0.0980	0.1228
y4HC30	0.1005	0.1086	0.1301
y4HC31	0.1032	0.1031	0.1300
y4R1	0.0979	0.0980	0.1228
y4R29	0.1050	0.1025	0.1300
y5HC28	0.0146	0.0146	0.0139
y5HC29	0.0146	0.0146	0.0139
y5HC30	0.0161	0.0252	0.0175
y5HC31	0.0182	0.0181	0.0174
y5R1	0.0146	0.0146	0.0139
y5R29	0.0196	0.0173	0.0174
y7HC28	0.0197	0.0196	0.0186
y7HC29	0.0197	0.0196	0.0186
y7HC30	0.0227	0.0550	0.0266
y7HC31	0.0281	0.0286	0.0265
y7R1	0.0197	0.0196	0.0186
y7R29	0.0316	0.0255	0.0265
yy1HC28	0.1017	0.1006	0.1000
yy1HC29	0.1017	0.1006	0.1000
yy1HC30	0.0958	0.0753	0.0868
yy1R1	0.1017	0.1006	0.1000
yy1R29	0.0861	0.0906	0.0869
yy2HC28	0.0000	0.0000	0.0000
yy2HC29	0.0000	0.0000	0.0000
yy2HC30	0.0000	0.0000	0.0000
yy2R1	0.0000	0.0000	0.0000
yy2R29	0.0000	0.0000	0.0000
yy3HC28	0.7772	0.7783	0.7558
yy3HC29	0.7772	0.7783	0.7558
yy3HC30	0.7771	0.7580	0.7526
yy3R1	0.7772	0.7783	0.7558
yy3R29	0.7728	0.7772	0.7527
yy4HC28	0.0964	0.0965	0.1209
yy4HC29	0.0964	0.0965	0.1209
yy4HC30	0.0992	0.1091	0.1289
yy4R1	0.0964	0.0965	0.1209
yy4R29	0.1043	0.1014	0.1288
yy5HC28	0.0116	0.0116	0.0111
yy5HC29	0.0116	0.0116	0.0111

yy5HC30	0.0128	0.0204	0.0140
yy5R1	0.0116	0.0116	0.0111
yy5R29	0.0157	0.0138	0.0139
yy7HC28	0.0130	0.0130	0.0124
yy7HC29	0.0130	0.0130	0.0124
yy7HC30	0.0151	0.0373	0.0178
yy7R1	0.0130	0.0130	0.0124
yy7R29	0.0211	0.0170	0.0177

## Appendix D.3: Parameters

### **Operation Point #1**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	20.0000
FE601	0.5000	0.5000
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5223
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7453
FE621B	1.0000	1.0000
FE626	0.5000	0.5000
FE627A	0.5000	0.5000
FE627B	0.5000	0.5000
FE628	0.5000	0.7080
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	0.6392
FE641	0.5000	0.5000
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2145.0000
hstmE695	1920.0000	1920.0000
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	145.0000
qC601	1.0000	1.0000
qC603	1.0000	1.0000
qC606A	0.5000	0.5000
RC601	9.1410	9.1678
RC603	14.0000	13.9998
sfC631	0.9770	0.9777
sfC632	0.9820	0.9814
sfC633	0.9910	0.9910
sfC634	0.9900	0.9899
Tcwin	290.0000	290.0000
UE601	0.0080	0.0080
UE602	0.0300	0.0300
UE603	0.0250	0.0250
UE605	0.0450	0.0443

UE609A	0.0400	0.0400
UE610	0.0830	0.0820
UE611	0.0990	0.1000
UE612	0.0210	0.0208
UE613	0.0220	0.0221
UE616	0.0100	0.0100
UE617	0.0520	0.0550
UE621A	0.1140	0.1140
UE621B	0.0780	0.0737
UE626	0.0100	0.0100
UE627A	0.0100	0.0100
UE627B	0.0100	0.0105
UE628	0.0100	0.0136
UE629	0.0100	0.0100
UE633	0.0160	0.0184
UE634	0.0210	0.0206
UE640	0.0100	0.0116
UE641	0.0840	0.0862
UE695A	0.0330	0.0322
UE695B	0.0390	0.0388
UE696A	0.0120	0.0118
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0273

## **Operation Point #2**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	19.6684
FE601	0.5000	0.5000
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5287
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7947
FE621B	1.0000	1.0000
FE626	0.5000	0.5000
FE627A	0.5000	0.5182
FE627B	0.5000	0.5000
FE628	0.5000	0.5000
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	0.5000
FE641	0.5000	0.5000
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2145.0000
hstmE695	1920.0000	1920.0000
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	144.8408
qC601	1.0000	1.0000
qC603	1.0000	0.9636
qC606A	0.5000	0.5000
RC601	9.1410	9.2253
RC603	14.0000	10.8438
sfC631	0.9770	0.9775
sfC632	0.9820	0.9831
sfC633	0.9910	0.9899
sfC634	0.9900	0.9906
Tcwin	290.0000	290.0000
UE601	0.0080	0.0080
UE602	0.0160	0.0162
UE603	0.0250	0.0250
UE605	0.0450	0.0445
UE609A	0.0400	0.0400
UE610	0.0830	0.1000

UE611	0.0990	0.1000
UE612	0.0130	0.0125
UE613	0.0200	0.0221
UE616	0.0100	0.0100
UE617	0.0520	0.0465
UE621A	0.1140	0.1140
UE621B	0.0780	0.0863
UE626	0.0100	0.0100
UE627A	0.0100	0.0100
UE627B	0.0100	0.0105
UE628	0.0100	0.0100
UE629	0.0100	0.0100
UE633	0.0160	0.0179
UE634	0.0210	0.0205
UE640	0.0100	0.0100
UE641	0.0840	0.0453
UE695A	0.0330	0.0316
UE695B	0.0390	0.0388
UE696A	0.0120	0.0117
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0313



### **Operation Point #3**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	15.0000
FE601	0.5000	0.5000
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5561
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7361
FE621B	1.0000	1.0000
FE626	0.5000	0.5000
FE627A	0.5000	0.5000
FE627B	0.5000	0.5508
FE628	0.5000	0.5000
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	1.0000
FE641	0.5000	0.5000
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2135.0000
hstmE695	1920.0000	1918.4343
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	145.0000
qC601	1.0000	1.0000
qC603	1.0000	1.0000
qC606A	0.5000	0.5000
RC601	9.1410	9.1256
RC603	14.0000	11.3281
sfC631	0.9770	0.9790
sfC632	0.9820	0.9837
sfC633	0.9910	0.9908
sfC634	0.9900	0.9898
Tcwin	290.0000	290.8597
UE601	0.0080	0.0091
UE602	0.0160	0.0161
UE603	0.0250	0.0250
UE605	0.0450	0.0500
UE609A	0.0400	0.0400
UE610	0.0830	0.1000

UE611	0.0990	0.1000
UE612	0.0130	0.0128
UE613	0.0200	0.0250
UE616	0.0100	0.0100
UE617	0.0520	0.0573
UE621A	0.1140	0.1140
UE621B	0.0780	0.0813
UE626	0.0100	0.0100
UE627A	0.0100	0.0102
UE627B	0.0100	0.0100
UE628	0.0100	0.0100
UE629	0.0100	0.0100
UE633	0.0160	0.0163
UE634	0.0210	0.0218
UE640	0.0100	0.0142
UE641	0.0840	0.0331
UE695A	0.0330	0.0334
UE695B	0.0390	0.0390
UE696A	0.0120	0.0119
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0270

### **Operation Point #4**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	15.0000
FE601	0.5000	0.5000
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5000
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7384
FE621B	1.0000	1.0000
FE626	0.5000	0.5000
FE627A	0.5000	0.5000
FE627B	0.5000	0.5000
FE628	0.5000	0.5000
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	0.5000
FE641	0.5000	0.5023
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2145.0000
hstmE695	1920.0000	1920.0000
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	145.0000
qC601	1.0000	1.0000
qC603	1.0000	0.9851
qC606A	0.5000	0.4134
RC601	9.1410	9.1359
RC603	14.0000	14.0000
sfC631	0.9770	0.9789
sfC632	0.9820	0.9825
sfC633	0.9910	0.9906
sfC634	0.9900	0.9901
Tcwin	290.0000	290.9734
UE601	0.0080	0.0080
UE602	0.0160	0.0164
UE603	0.0250	0.0250
UE605	0.0450	0.0500
UE609A	0.0400	0.0400
UE610	0.0830	0.0899

UE611	0.0990	0.0920
UE612	0.0130	0.0130
UE613	0.0200	0.0214
UE616	0.0100	0.0100
UE617	0.0520	0.0512
UE621A	0.1140	0.1140
UE621B	0.0780	0.0691
UE626	0.0100	0.0100
UE627A	0.0100	0.0100
UE627B	0.0100	0.0109
UE628	0.0100	0.0100
UE629	0.0100	0.0100
UE633	0.0160	0.0172
UE634	0.0210	0.0235
UE640	0.0100	0.0100
UE641	0.0840	0.1000
UE695A	0.0330	0.0310
UE695B	0.0390	0.0396
UE696A	0.0120	0.0119
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0290

### **Operation Point #5**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	20.0000
FE601	0.5000	0.5110
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5563
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7598
FE621B	1.0000	1.0000
FE626	0.5000	0.6358
FE627A	0.5000	0.5000
FE627B	0.5000	0.5000
FE628	0.5000	0.5000
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	0.5000
FE641	0.5000	0.5000
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2135.0000
hstmE695	1920.0000	1920.0000
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	145.0000
qC601	1.0000	1.0000
qC603	1.0000	1.0000
qC606A	0.5000	0.4969
RC601	9.1410	8.7670
RC603	14.0000	11.8826
sfC631	0.9770	0.9793
sfC632	0.9820	0.9788
sfC633	0.9910	0.9911
sfC634	0.9900	0.9901
Tcwin	290.0000	290.9895
UE601	0.0080	0.0082
UE602	0.0160	0.0169
UE603	0.0250	0.0265
UE605	0.0450	0.0500
UE609A	0.0400	0.0443
UE610	0.0830	0.1000

UE611	0.0990	0.1000
UE612	0.0130	0.0127
UE613	0.0200	0.0198
UE616	0.0100	0.0100
UE617	0.0520	0.0548
UE621A	0.1140	0.1134
UE621B	0.0780	0.0706
UE626	0.0100	0.0116
UE627A	0.0100	0.0100
UE627B	0.0100	0.0109
UE628	0.0100	0.0100
UE629	0.0100	0.0100
UE633	0.0160	0.0167
UE634	0.0210	0.0208
UE640	0.0100	0.0100
UE641	0.0840	0.0536
UE695A	0.0330	0.0324
UE695B	0.0390	0.0388
UE696A	0.0120	0.0119
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0263

## **Operation Point #6**

Plant Parameter	Initial Point	Estimated Value
deltaPE634	70.0000	70.0000
deltaPE640	20.0000	20.0000
FE601	0.5000	0.5000
FE603	1.0000	1.0000
FE609A	0.5000	0.5000
FE610	1.0000	1.0000
FE611	0.5000	0.5200
FE616	0.5000	0.5000
FE617	1.0000	1.0000
FE621A	0.7220	0.7451
FE621B	1.0000	1.0000
FE626	0.5000	0.5341
FE627A	0.5000	0.5338
FE627B	0.5000	0.5863
FE628	0.5000	0.5000
FE629	0.5000	0.5000
FE634	1.0000	1.0000
FE640	0.5000	0.5000
FE641	0.5000	0.5000
hstmE602	2145.0000	2145.0000
hstmE612	2145.0000	2135.0000
hstmE695	1920.0000	1920.0000
hstmE696	2145.0000	2145.0000
PC606A	900.0000	900.0000
PC606C	890.0000	890.0000
PC606D	900.0000	900.0000
PE633	145.0000	145.0000
qC601	1.0000	1.0000
qC603	1.0000	1.0000
qC606A	0.5000	0.5000
RC601	9.1410	9.1578
RC603	14.0000	13.3645
sfC631	0.9770	0.9766
sfC632	0.9820	0.9843
sfC633	0.9910	0.9897
sfC634	0.9900	0.9898
Tcwin	290.0000	290.0481
UE601	0.0080	0.0080
UE602	0.0160	0.0149
UE603	0.0250	0.0250
UE605	0.0450	0.0400
UE609A	0.0400	0.0400
UE610	0.0830	0.1000

UE611	0.0990	0.1000
UE612	0.0130	0.0118
UE613	0.0200	0.0228
UE616	0.0100	0.0100
UE617	0.0520	0.0559
UE621A	0.1140	0.1140
UE621B	0.0780	0.0798
UE626	0.0100	0.0104
UE627A	0.0100	0.0104
UE627B	0.0100	0.0101
UE628	0.0100	0.0100
UE629	0.0100	0.0100
UE633	0.0160	0.0166
UE634	0.0210	0.0206
UE640	0.0100	0.0100
UE641	0.0840	0.0813
UE695A	0.0330	0.0328
UE695B	0.0390	0.0388
UE696A	0.0120	0.0119
UE696B	0.0100	0.0100
UE6XX	0.0310	0.0305