Total Change in Charge Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	nan	nan	nan	nan	nan
2_Hr_BESS	-2.06	0	13.95	6.54	-13.26
2_Hr_BESS_Fuelx2	-40.00	0	-12.50	-14.23	-13.47
4_Hr_BESS	-28.03	0	5.05	-2.23	-11.79
4_Hr_BESS_Fuelx2	-34.18	0	-0.80	-7.20	0.56
4_Hr_BESS_Fuelx3	-29.86	0	0.34	0.90	8.67
4_Hr_BESS_Fuelx4	-30.52	0	15.56	16.50	24.03
6_Hr_BESS	-26.83	0	3.62	-9.58	-16.48
6_Hr_BESS_Fuelx2	-28.97	0	1.20	-3.46	2.59
8_Hr_BESS	-25.72	0	-11.82	-23.93	-26.69
8_Hr_BESS_Fuelx2	-26.03	0	7.19	0.47	8.39
10_Hr_BESS	-17.27	0	-4.48	-15.90	-15.36
10_Hr_BESS_Fuelx2	-22.67	0	12.69	5.92	16.09

Total Change in Fixed OM Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	0	0	0	0	0
2_Hr_BESS	0	0	0	0	0
2_Hr_BESS_Fuelx2	0.00	0	0	0	0
4_Hr_BESS	0	0	0	0	0
4_Hr_BESS_Fuelx2	-0.00	0	0	0	0
4_Hr_BESS_Fuelx3	0	0	0	0	0
4_Hr_BESS_Fuelx4	0	0	0	0	0
6_Hr_BESS	0	0	0	0	0
6_Hr_BESS_Fuelx2	0	0	0	0	0
8_Hr_BESS	0	0	0	0	0
8_Hr_BESS_Fuelx2	0	0	0	0	0
10_Hr_BESS	0	0	0	0	0
10_Hr_BESS_Fuelx2	0	0	0	0	0

Total Change in Fuel Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	-0.17	0	0.02	0.09	1.81
2_Hr_BESS	-0.13	0	0.01	0.28	0.63
2_Hr_BESS_Fuelx2	-1.53	0	0.16	0.84	0.89
4_Hr_BESS	-0.79	0	0.04	0.10	0.45
4_Hr_BESS_Fuelx2	-1.54	0	0.43	1.23	1.32
4_Hr_BESS_Fuelx3	-2.02	0	0.91	2.68	2.18
4_Hr_BESS_Fuelx4	-2.17	0	2.03	4.95	4.16
6_Hr_BESS	-0.81	0	0.05	0.04	0.51
6_Hr_BESS_Fuelx2	-1.48	0	0.54	1.39	1.47
8_Hr_BESS	-0.53	0	0.06	0.04	0.58
8_Hr_BESS_Fuelx2	-1.31	0	0.95	1.75	1.95
10_Hr_BESS	-0.49	0	0.13	0.13	0.70
10_Hr_BESS_Fuelx2	-1.06	0	1.30	2.16	2.52

Total Change in Investment Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal Base	0	0	0	0	0
2 Hr BESS	-0.00	0	0	0	0
2 Hr BESS Fuelx2	0	0	0	0	0
4 Hr BESS	0	0	0	0	0
4 Hr BESS Fuelx2	0	0	0	0	0
4 Hr BESS Fuelx3	0	0	0	0	0
4 Hr BESS Fuelx4	-0.00	0	0	0	0
6 Hr BESS	0.00	0	0	0	0
6 Hr BESS Fuelx2	0	0	0	0	0
8 Hr BESS	0	0	0	0	0
8 Hr BESS Fuelx2	0	0	0	0	0
10 Hr BESS	0	0	0	0	0
10 Hr BESS Fuelx2	0	0	0	0	0

Total Change in Investment and Operating Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	-1.18	0	0.01	0.09	0.35
2_Hr_BESS	-0.50	0	0.18	0.31	0.22
2_Hr_BESS_Fuelx2	-1.70	0	-0.34	-0.08	-0.05
4_Hr_BESS	-0.89	0	0.12	0.10	0.03
4_Hr_BESS_Fuelx2	-1.50	0	0.08	0.16	0.36
4_Hr_BESS_Fuelx3	-1.64	0	0.19	0.70	0.84
4_Hr_BESS_Fuelx4	-1.88	0	1.01	1.77	1.85
6_Hr_BESS	-0.93	0	0.10	-0.08	-0.15
6_Hr_BESS_Fuelx2	-1.33	0	0.16	0.32	0.46
8_Hr_BESS	-0.98	0	-0.21	-0.38	-0.42
8_Hr_BESS_Fuelx2	-1.22	0	0.41	0.50	0.68
10_Hr_BESS	-0.76	0	-0.02	-0.15	-0.14
10_Hr_BESS_Fuelx2	-1.11	0	0.60	0.71	0.90

Total Change in Start Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	-48.53	0	-0.03	2.07	-18.23
2_Hr_BESS	-48.01	0	0.32	16.54	24.93
2_Hr_BESS_Fuelx2	-33.94	0	1.96	36.80	36.27
4_Hr_BESS	-24.70	0	1.20	20.38	27.30
4_Hr_BESS_Fuelx2	-27.75	0	4.83	37.96	23.10
4_Hr_BESS_Fuelx3	-35.89	0	4.96	49.72	32.31
4_Hr_BESS_Fuelx4	-49.02	0	3.69	49.59	28.59
6_Hr_BESS	-25.53	0	1.68	18.13	12.42
6_Hr_BESS_Fuelx2	-30.37	0	4.90	37.11	23.52
8_Hr_BESS	-37.90	0	3.11	13.82	0.58
8_Hr_BESS_Fuelx2	-38.71	0	5.15	31.75	13.84
10_Hr_BESS	-38.57	0	3.72	15.10	-1.50
10_Hr_BESS_Fuelx2	-47.85	0	4.08	23.65	2.99

Total Change in Variable OM In Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	nan	nan	nan	nan	nan
2_Hr_BESS	nan	nan	nan	nan	nan
2_Hr_BESS_Fuelx2	nan	nan	nan	nan	nan
4_Hr_BESS	nan	nan	nan	nan	nan
4_Hr_BESS_Fuelx2	nan	nan	nan	nan	nan
4_Hr_BESS_Fuelx3	nan	nan	nan	nan	nan
4_Hr_BESS_Fuelx4	nan	nan	nan	nan	nan
6_Hr_BESS	nan	nan	nan	nan	nan
6_Hr_BESS_Fuelx2	nan	nan	nan	nan	nan
8_Hr_BESS	nan	nan	nan	nan	nan
8_Hr_BESS_Fuelx2	nan	nan	nan	nan	nan
10_Hr_BESS	nan	nan	nan	nan	nan
10_Hr_BESS_Fuelx2	nan	nan	nan	nan	nan

Total Change in Variable OM Out Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	0.14	0	0.05	0.10	1.57
2_Hr_BESS	-0.10	0	0.01	0.38	0.65
2_Hr_BESS_Fuelx2	-1.31	0	0.16	0.91	0.95
4_Hr_BESS	-0.75	0	0.04	0.15	0.46
4_Hr_BESS_Fuelx2	-1.32	0	0.54	1.40	1.40
4_Hr_BESS_Fuelx3	-1.58	0	0.75	2.22	1.88
4_Hr_BESS_Fuelx4	-1.62	0	1.50	3.74	3.28
6_Hr_BESS	-0.77	0	0.05	0.08	0.51
6_Hr_BESS_Fuelx2	-1.26	0	0.65	1.60	1.63
8_Hr_BESS	-0.47	0	0.07	0.08	0.59
8_Hr_BESS_Fuelx2	-1.11	0	1.12	2.08	2.17
10_Hr_BESS	-0.41	0	0.18	0.25	0.72
10_Hr_BESS_Fuelx2	-0.88	0	1.49	2.44	2.64

Total Change in System Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	-1.18	0	0.01	0.14	0.35
2_Hr_BESS	-0.48	0	0.01	0.30	0.56
2_Hr_BESS_Fuelx2	-0.48	0	0.04	0.79	0.73
4_Hr_BESS	-0.34	0	0.02	0.54	0.54
4_Hr_BESS_Fuelx2	-0.42	0	0.10	0.74	0.62
4_Hr_BESS_Fuelx3	-0.51	0	0.18	0.91	0.63
4_Hr_BESS_Fuelx4	-0.64	0	0.38	1.23	0.95
6_Hr_BESS	-0.37	0	0.02	0.55	0.54
6_Hr_BESS_Fuelx2	-0.42	0	0.13	0.75	0.64
8_Hr_BESS	-0.45	0	0.04	0.54	0.45
8_Hr_BESS_Fuelx2	-0.45	0	0.21	0.67	0.52
10_Hr_BESS	-0.44	0	0.06	0.55	0.50
10_Hr_BESS_Fuelx2	-0.53	0	0.27	0.70	0.57

Total Change in Unmet Reserves Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	0	0	0	16.90	4.25
2_Hr_BESS	0	0	0	0	-20.79
2_Hr_BESS_Fuelx2	0	0	0	-45.27	-45.28
4_Hr_BESS	0	0	0	-18.36	-18.42
4_Hr_BESS_Fuelx2	0	0	0	-46.65	-46.54
4_Hr_BESS_Fuelx3	-0.84	0	0	-0.96	-0.90
4_Hr_BESS_Fuelx4	-2.20	0	0	21.26	69.98
6_Hr_BESS	0	0	0	-17.63	-17.59
6_Hr_BESS_Fuelx2	-0.14	0	0	-47.78	-47.68
8_Hr_BESS	0	0	0	-17.14	-17.18
8_Hr_BESS_Fuelx2	-0.19	0	0	-0.16	-0.07
10_Hr_BESS	0.08	0	0	-20.95	-31.84
10_Hr_BESS_Fuelx2	-0.14	0	0	-0.10	0.08

Total Change in NSE Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	0	0	0	17.49	0
2_Hr_BESS	-0.02	0	0	15.44	33.68
2_Hr_BESS_Fuelx2	-0.19	0	0	170.96	142.35
4_Hr_BESS	-0.12	0	0	131.60	91.41
4_Hr_BESS_Fuelx2	-100.00	0	0	66263.85	53330.99
4_Hr_BESS_Fuelx3	-100.00	0	0	32051.99	16087.04
4_Hr_BESS_Fuelx4	-0.96	0	0	34.08	25.64
6_Hr_BESS	-2.62	0	0	262.03	211.01
6_Hr_BESS_Fuelx2	-100.00	0	0	65522.79	52491.89
8_Hr_BESS	-0.25	0	0	522.48	382.76
8_Hr_BESS_Fuelx2	-0.22	0	0	81.62	39.06
10_Hr_BESS	-3.54	0	0	6100.28	5222.82
10_Hr_BESS_Fuelx2	-0.11	0	0	30.87	18.55

Total Change in Objective Costs

Case Name	CEM	PF	DLAC-p	DLAC-i	SLAC
Thermal_Base	-1.17	0	0.01	0.18	0.36
2_Hr_BESS	-0.48	0	0.01	0.30	0.55
2_Hr_BESS_Fuelx2	-0.48	0	0.04	0.78	0.72
4_Hr_BESS	-0.34	0	0.02	0.53	0.54
4_Hr_BESS_Fuelx2	-0.42	0	0.10	0.73	0.61
4_Hr_BESS_Fuelx3	-0.51	0	0.18	0.91	0.63
4_Hr_BESS_Fuelx4	-0.64	0	0.38	1.23	0.96
6_Hr_BESS	-0.37	0	0.02	0.54	0.54
6_Hr_BESS_Fuelx2	-0.42	0	0.13	0.74	0.63
8_Hr_BESS	-0.45	0	0.04	0.53	0.45
8_Hr_BESS_Fuelx2	-0.45	0	0.21	0.67	0.52
10_Hr_BESS	-0.44	0	0.06	0.54	0.48
10_Hr_BESS_Fuelx2	-0.53	0	0.27	0.70	0.57