

2026	ALTW	Line	ABBOTTRAER16_1 1
2025	ALTW	Line	ADAEVANITM69_1 1
2024	ALTW	Transformer	ADAMS_I T1
2024	ALTW	Transformer	ADAMS_I T1
2024	ALTW	Transformer	ADAMS_I T1
2024	ALTW	Transformer	ADAMS_I T1
2025	ALTW	Transformer	ADAMS_I T1
2023	NSP	Transformer	ADAMS_WD TR1
2023	NSP	Transformer	ADAMS_WD TR1
2024	NSP	Transformer	ADAMS_WD TR1
2024	NSP	Transformer	ADAMS_WD TR1
2025	NSP	Transformer	ADAMS_WD TR1
2023	ALTW	Line	ADAMSHAYWA16_1 1
2026	ALTW	Line	ADAMSHAYWA16_1 1
2025	ALTW/DPC	Line	ADAMSTAOPI69_1 1
2025	DPC/ALTW	Line	ADM_DADM_I69_1 1
2025	DPC/ALTW	Line	ADM_DADM_I69_1 1
2026	DPC/ALTW	Line	ADM_DADM_I69_1 1
2023	ALTW	Line	ADM_GADM_I69_1 1
2023	ALTW	Line	ADM_GADM_I69_1 1
2023	ALTW	Line	ADM_GADM_I69_1 1
2024	ALTW	Line	ADM_GADM_I69_1 1
2024	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2025	ALTW	Line	ADM_GADM_I69_1 1
2026	ALTW	Line	ADM_GADM_I69_1 1
2024	ALTW	Line	AGENC4TH_S69_1 1
2025	NSP	Line	AIRTECANRI11_1 1
2025	NSP	Line	AIRTECANRI11_1 1
2024	MP	Line	AITKIRIVR_13 1
2024	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2025	MP	Line	AITKIRIVR_13 1
2026	MP	Line	AITKIRIVR_13 1
2026	MP	Line	AITKIRIVR_13 1
2024	ALTW	Line	ALBANBVR_C16_1 1
2024	ALTW	Line	ALBANBVR_C16_1 1
2024	ALTW	Line	ALBANBVR_C16_1 1

2024	ALTW	Line	ALBANBVR_C16_1 1
2025	ALTW	Line	ALBANBVR_C16_1 1
2025	ALTW	Line	ALBANBVR_C16_1 1
2024	ALTW	Line	ALDENVALHA69_1 1
2025	ALTW	Line	ALDENVALHA69_1 1
2025	ALTW	Line	ALDENVALHA69_1 1
2025	ALTW	Line	ALDENVALHA69_1 1
2026	ALTW	Line	ALDENVALHA69_1 1
2023	ALTW	Line	ALDENWALTE69_1 1
2023	ALTW	Line	ALDENWALTE69_1 1
2024	ALTW	Line	ALDENWALTE69_1 1
2024	ALTW	Line	ALDENWALTE69_1 1
2024	ALTW	Line	ALDENWALTE69_1 1
2024	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2025	ALTW	Line	ALDENWALTE69_1 1
2026	ALTW	Line	ALDENWALTE69_1 1
2026	ALTW	Line	ALDENWALTE69_1 1
2023	NSP	Transformer	ALDRICH TRG1
2023	NSP	Transformer	ALDRICH TRG1
2023	NSP	Transformer	ALDRICH TRG1
2023	NSP	Transformer	ALDRICH TRG1
2023	NSP	Transformer	ALDRICH TRG1
2023	NSP	Transformer	ALDRICH TRG1
2024	NSP	Transformer	ALDRICH TRG1
2023	NSP	Line	ALDRIFIFTH11_1 1
2025	NSP	Line	ALDRIFIFTH11_1 1
2025	NSP	Line	ALDRIFIFTH11_1 1
2025	NSP	Line	ALDRIFIFTH11_1 1
2025	NSP	Line	ALDRIFIFTH11_1 1
2025	NSP	Line	ALDRIFIFTH11_1 1
2026	NSP	Line	ALDRIFIFTH11_1 1
2024	MP	Line	ALDRIVERND_24 1
2024	MP	Line	ALDRIVERND_24 1
2026	MP	Line	ALDRIVERND_24 1
2026	MP	Line	ALDRIVERND_24 1
2025	OTP	Line	ALEXMALEXS11_1 1
2023	DPC	Line	ALMAWABAC16_1 1

2023	DPC	Line	ALMAWABAC16_1 1
2024	DPC	Line	ALMAWABAC16_1 1
2024	DPC	Line	ALMAWABAC16_1 1
2024	DPC	Line	ALMAWABAC16_1 1
2024	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2025	DPC	Line	ALMAWABAC16_1 1
2026	DPC	Line	ALMAWABAC16_1 1
2026	DPC	Line	ALMAWABAC16_1 1
2026	DPC	Line	ALMAWABAC16_1 1
2025	ALTW	Line	AMESPPRVW_16_1 1
2025	ALTW	Line	AMESPPRVW_16_1 1
2026	ALTW	Line	AMESPPRVW_16_1 1
2026	ALTW	Line	AMESPPRVW_16_1 1
2025	ALTW	Transformer	ANITA TR91
2024	ALTW	Line	ANITANITMN69_1 1
2024	ALTW	Line	ANITANITMN69_1 1
2025	ALTW	Line	ANITANITMN69_1 1
2025	ALTW	Line	ANITANITMN69_1 1
2025	ALTW	Line	ANITANITMN69_1 1
2026	ALTW	Line	ANITANITMN69_1 1
2026	ALTW	Line	ANITANITMN69_1 1
2026	NSP	Line	ANSONSPLIT11_1 1
2025	NSP	Line	ANSONSPLIT11_2 1
2023	ALTW	Line	ANTA_ANITA16_1 1
2025	ALTW	Line	ANTA_ANITA16_1 1
2025	ALTW	Line	APANOZACH16_1 1
2025	ALTW	Line	APANOZACH16_1 1
2026	ALTW	Line	APANOZACH16_1 1
2023	ALTW	Line	ARNOLVINTO16_1 1
2023	MP	Line	ARROWBERGN_16 1
2023	MP	Line	ARROWBERGN_16 1
2023	MP	Line	ARROWBERGN_16 1
2023	MP	Line	ARROWBERGN_16 1
2024	MP	Line	ARROWBERGN_16 1
2024	MP	Line	ARROWBERGN_16 1
2024	MP	Line	ARROWBERGN_16 1

2025	MP	Line	ARROWBERGN_16 1
2025	MP	Line	ARROWBERGN_16 1
2025	MP	Transformer	ARROWHD TR7
2026	OTP	Line	ASH2PILSB23_1 1
2024	OTP	Transformer	ASTORIA TR11
2026	OTP	Transformer	ASTORIA TR11
2026	OTP	Transformer	ASTORIA TR11
2024	OTP	Transformer	ASTORIA TR12
2025	OTP	Transformer	ASTORIA TR12
2023	OTP	Transformer	ASTR_GEN TRGSU
2023	OTP	Transformer	ASTR_GEN TRGSU
2023	OTP	Transformer	ASTR_GEN TRGSU
2023	OTP	Transformer	ASTR_GEN TRGSU
2024	OTP	Transformer	ASTR_GEN TRGSU
2025	OTP	Transformer	ASTR_GEN TRGSU
2025	OTP	Transformer	ASTR_GEN TRGSU
2026	OTP	Transformer	ASTR_GEN TRGSU
2026	OTP	Transformer	ASTR_GEN TRGSU
2024	SMP	Line	AUST_MURPH69_1 1
2024	SMP	Line	AUST_MURPH69_1 1
2025	SMP	Line	AUST_MURPH69_1 1
2025	SMP	Line	AUST_MURPH69_1 1
2026	SMP	Line	AUST_MURPH69_1 1
2024	OTP	Line	BAGLEWINGE11_1 1
2024	OTP	Line	BAGLEWINGE11_1 1
2024	OTP	Line	BAGLEWINGE11_1 1
2024	OTP	Line	BAGLEWINGE11_1 1
2024	OTP	Line	BAGLEWINGE11_1 1
2025	OTP	Line	BAGLEWINGE11_1 1
2025	OTP	Line	BAGLEWINGE11_1 1
2025	OTP	Line	BAGLEWINGE11_1 1
2025	OTP	Line	BAGLEWINGE11_1 1
2026	OTP	Line	BAGLEWINGE11_1 1
2026	OTP	Line	BAGLEWINGE11_1 1
2026	OTP	Line	BAGLEWINGE11_1 1
2023	GRE	Line	BALDWPRINC69_1 1
2023	GRE	Line	BALDWPRINC69_1 1
2023	GRE	Line	BALDWPRINC69_1 1
2023	GRE	Line	BALDWPRINC69_1 1
2024	DPC	Line	BARROAPL_R16_1 1
2026	DPC	Line	BARROELK_M16_1 1
2025	DPC	Line	BARROWASHC16_1 1
2025	ALTW	Line	BARTON_SER_301 S
2025	ALTW	Line	BARTON_SER_301 S

2025	OTP	Transformer	BIGSTON TR11
2026	OTP	Transformer	BIGSTON TR11
2026	OTP	Transformer	BIGSTON TR11
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2023	OTP	Transformer	BIGSTON TR13
2024	OTP	Transformer	BIGSTON TR13
2024	OTP	Transformer	BIGSTON TR13
2025	OTP	Transformer	BIGSTON TR13
2025	ALTW	Line	BISONBISON34_1 1
2024	MP	Transformer	BISONMP XF_1
2025	MP	Line	BISONSQBUT23_1 1
2025	MP	Line	BISONSQBUT23_1 1
2024	MP	Line	BLCKBBOS_2_83 1
2025	MP	Line	BLCKBBOS_2_83 1
2025	MP	Line	BLCKBBOS_2_83 1
2026	MP	Line	BLCKBBOS_2_83 1
2025	NSP	Line	BLK_DBLUE_11_1 1
2025	NSP	Line	BLK_DBLUE_11_1 1
2023	NSP	Transformer	BLK_DOG TR2
2023	NSP	Transformer	BLK_DOG TR2
2024	NSP	Transformer	BLK_DOG TR5
2023	NSP	Transformer	BLK_DOG TR6
2023	NSP	Transformer	BLK_DOG TR6
2023	NSP	Transformer	BLK_DOG TR6
2023	NSP	Transformer	BLK_DOG TR6
2024	NSP	Transformer	BLK_DOG TR6
2024	NSP	Transformer	BLK_DOG TR6
2024	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2025	NSP	Transformer	BLK_DOG TR6
2026	NSP	Line	BLK_DRIVER11_1 1
2026	NSP	Line	BLK_DRIVER11_1 1
2023	NSP	Line	BLKBRS11369_1 1
2023	NSP	Line	BLKBRS11369_1 1

2023	NSP	Line	BLKBRS11369_1 1
2023	MP	Transformer	BLNCHRD TR5
2023	MP	Transformer	BLNCHRD TR5
2023	MP	Transformer	BLNCHRD TR5
2023	MP	Transformer	BLNCHRD TR5
2024	MP	Transformer	BLNCHRD TR5
2024	MP	Transformer	BLNCHRD TR5
2025	MP	Transformer	BLNCHRD TR5
2023	SMP	Line	BLOOMBLOOM69_3 1
2023	SMP	Line	BLOOMBLOOM69_3 1
2023	SMP	Line	BLOOMBLOOM69_3 1
2024	SMP	Line	BLOOMBLOOM69_3 1
2024	SMP	Line	BLOOMBLOOM69_3 1
2025	SMP	Line	BLOOMBLOOM69_3 1
2023	NSP	Transformer	BLUE_LK TR51
2023	NSP	Transformer	BLUE_LK TR51
2023	NSP	Transformer	BLUE_LK TR51
2024	NSP	Transformer	BLUE_LK TR51
2023	NSP	Transformer	BLUE_LK TR9
2025	NSP	Transformer	BLUE_LK TR9
2024	NSP	Transformer	BLUE_LK TRG7
2024	NSP	Transformer	BLUE_LK TRG7
2024	NSP	Transformer	BLUE_LK TRG8
2023	MP	Line	BOISEFTFRA11_1 A
2023	MP	Line	BOISEFTFRA11_1 A
2024	MP	Line	BOISEFTFRA11_1 A
2025	ALTW	Line	BOND_BCKBO69_1 1
2026	ALTW	Line	BOND_BCKBO69_1 1
2023	ALTW	Transformer	BOND_SS TR41
2023	ALTW	Transformer	BOND_SS TR41
2023	ALTW	Transformer	BOND_SS TR41
2023	ALTW	Transformer	BOND_SS TR41
2023	ALTW	Transformer	BOND_SS TR41
2023	ALTW	Transformer	BOND_SS TR41
2025	ALTW	Transformer	BOND_SS TR41
2023	MP	Transformer	BOS_230 TR3
2023	MP	Transformer	BOS_230 TR3
2024	MP	Transformer	BOS_230 TR3
2023	MP	Transformer	BOS_230 TR4
2023	MP	Transformer	BOS_230 TR4
2023	MP	Transformer	BOS_230 TR4
2024	MP	Transformer	BOS_230 TR4
2025	MP	Transformer	BOS_230 TR4
2025	MP	Line	BRAINMUDLA11_1 1

2023	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2024	ALTW	Line	BRDGPTRAIL69_1 1
2025	ALTW	Line	BRDGPTRAIL69_1 1
2025	ALTW	Line	BRDGPTRAIL69_1 1
2025	ALTW	Line	BRDGPTRAIL69_1 1
2025	ALTW	Line	BRDGPTRAIL69_1 1
2026	ALTW	Line	BRDGPTRAIL69_1 1
2025	ALTW	Line	BREWAHERON16_1 1
2025	ALTW	Line	BRICLWALTE69_1 1
2023	NSP	Transformer	BRIGGSRD TR9_1
2023	NSP	Transformer	BRIGGSRD TR9_1
2024	NSP	Transformer	BRIGGSRD TR9_1
2024	NSP	Transformer	BRIGGSRD TR9_1
2024	NSP	Transformer	BRIGGSRD TR9_1
2025	NSP	Transformer	BRIGGSRD TR9_1
2026	NSP	Transformer	BRIGGSRD TR9_1
2026	NSP	Transformer	BRIGGSRD TR9_1
2024	NSP	Transformer	BRIGGSRD TR9_2
2024	NSP	Transformer	BRIGGSRD TR9_2
2025	NSP	Transformer	BRIGGSRD TR9_2
2025	NSP	Transformer	BRIGGSRD TR9_2
2023	NSP	Line	BRKNGCOYOT34_1 1
2023	NSP	Line	BRKNGCOYOT34_1 1
2023	NSP	Line	BRKNGCOYOT34_1 1
2023	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGCOYOT34_1 1
2025	NSP	Line	BRKNGCOYOT34_1 1
2025	NSP	Line	BRKNGCOYOT34_1 1
2025	NSP	Line	BRKNGCOYOT34_1 1
2025	NSP	Line	BRKNGCOYOT34_1 1
2025	NSP	Line	BRKNGCOYOT34_1 1
2026	NSP	Line	BRKNGCOYOT34_1 1
2024	NSP	Line	BRKNGOAKLA11_1 1
2024	NSP	Line	BRKNGOAKLA11_1 1

2025	ALTW	Line	BRLGTJOLYV16_1 1
2026	ALTW	Transformer	BRLGTN TR91
2025	OTP	Transformer	BSSOUTH TR11
2024	OTP	Transformer	BSSOUTH TR21
2024	OTP	Transformer	BSSOUTH TR22
2026	NSP	Transformer	BUFFRID 545P
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2024	NSP	Transformer	BUFFRID 545S
2025	NSP	Transformer	BUFFRID 545S
2025	NSP	Transformer	BUFFRID 545S
2026	NSP	Transformer	BUFFRID 545S
2023	NSP	Transformer	BUFFRID TR1
2023	NSP	Transformer	BUFFRID TR1
2025	NSP	Transformer	BUFFRID TR1
2023	NSP	Transformer	BUFFRID TR2
2023	NSP	Transformer	BUFFRID TR2
2024	NSP	Transformer	BUFFRID TR2
2024	NSP	Transformer	BUFFRID TR2
2025	NSP	Transformer	BUFFRID TR2
2025	NSP	Line	BUFFRYANKE11_1 1
2024	GRE	Transformer	BUNKERU TR1
2024	GRE	Transformer	BUNKERU TR1
2024	GRE	Transformer	BUNKERU TR1
2024	GRE	Transformer	BUNKERU TR1
2024	GRE	Transformer	BUNKERU TR1
2025	GRE	Transformer	BUNKERU TR1
2025	GRE	Transformer	BUNKERU TR1
2025	GRE	Transformer	BUNKERU TR1
2025	GRE	Transformer	BUNKERU TR1
2025	GRE	Transformer	BUNKERU TR1
2023	NSP	Line	BUNKESHERC34_1 1
2023	NSP	Line	BUNKESHERC34_1 1
2024	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2025	ALTW	Line	BUTRFMT_LA69_1 1
2024	DPC/ALTW	Line	BVR_CADAMS16_1 1

2025	ALTW	Line	CARB-91 A
2025	ALTW	Line	CARB-91 A
2026	ALTW	Line	CARB-91 A
2026	ALTW	Line	CARB-91 A
2023	ALTW	Line	CARBIDIAT69_1 1
2023	ALTW	Line	CARBIDIAT69_1 1
2024	ALTW	Line	CARBIDIAT69_1 1
2024	ALTW	Line	CARBIDIAT69_1 1
2026	ALTW	Line	CARBIDIAT69_1 1
2026	ALTW	Line	CARBIDIAT69_1 1
2026	ALTW	Line	CARBIDIAT69_1 1
2025	MP	Line	CARLTWRENS11_1 1
2026	NSP	Line	CARVRWESTW11_1 1
2026	NSP	Line	CARVRWESTW11_1 1
2023	SMP	Transformer	CASCADE TRG1
2023	SMP	Transformer	CASCADE TRG1
2023	SMP	Transformer	CASCADE TRG1
2023	SMP	Transformer	CASCADE TRG1
2023	SMP	Transformer	CASCADE TRG1
2024	SMP	Transformer	CASCADE TRG1
2023	SMP	Transformer	CASCADE TRG2
2023	SMP	Transformer	CASCADE TRG2
2023	SMP	Transformer	CASCADE TRG2
2024	SMP	Transformer	CASCADE TRG2
2024	ALTW	Line	CAYLEWISDO16_1 1
2025	ALTW	Line	CAYLEWISDO16_1 1
2025	ALTW	Line	CAYLEWISDO16_1 1
2025	NSP	Transformer	CEDAR_MT TR1_115
2025	NSP	Transformer	CEDAR_MT TR1_115
2025	OTP	Line	CENTECOYOT34_1 1
2025	OTP	Line	CENTECOYOT34_1 1
2025	OTP	Line	CENTECOYOT34_1 1
2025	OTP	Line	CENTECOYOT34_1 1
2025	OTP	Line	CENTECOYOT34_1 1
2026	OTP	Line	CENTECOYOT34_1 1
2026	OTP	Line	CENTECOYOT34_1 1
2023	OTP	Transformer	CENTER2 TRG1
2023	OTP	Transformer	CENTER2 TRG1
2023	OTP	Transformer	CENTER2 TRG1
2025	ALTW	Line	CERROEMERY16_1 1
2025	ALTW	Line	CERROEMERY16_1 1
2025	ALTW	Line	CERROEMERY16_1 1
2025	ALTW	Line	CERROEMERY16_1 1
2026	ALTW	Line	CERROEMERY16_1 1

2026	ALTW	Line	CERROEMERY16_1 1
2023	ALTW	Transformer	CERROGD TR21
2023	ALTW	Transformer	CERROGD TR21
2023	ALTW	Transformer	CERROGD TR21
2024	ALTW	Transformer	CERROGD TR21
2024	ALTW	Transformer	CERROGD TR21
2025	ALTW	Transformer	CERROGD TR21
2025	NSP	Line	CHARAFENTO11_1 1
2025	NSP	Line	CHARAFENTO11_1 1
2023	NSP	Transformer	CHARAMB TR3
2023	NSP	Transformer	CHARAMB TR3
2024	NSP	Transformer	CHARAMB TR3
2024	NSP	Transformer	CHARAMB TR3
2025	NSP	Transformer	CHARAMB TR3
2026	NSP	Transformer	CHARAMB TR3
2025	NSP	Transformer	CHARAMB TR4
2025	NSP	Line	CHARAPIPES11_1 1
2025	NSP	Line	CHARAPIPES11_1 1
2025	NSP	Line	CHEMOWHAST11_1 1
2025	NSP	Line	CHEMOWHAST11_1 1
2025	ALTW	Line	CHICKLASAL34_1 1
2023	NSP	Line	CHIS_POL11_1 1
2023	NSP	Line	CHIS_POL11_1 1
2023	NSP	Line	CHIS_POL11_1 1
2023	NSP	Line	CHIS_POL11_1 1
2023	NSP	Line	CHIS_POL11_1 1
2024	NSP	Line	CHIS_POL11_1 1
2024	NSP	Line	CHIS_POL11_1 1
2024	NSP	Line	CHIS_POL11_1 1
2024	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2025	NSP	Line	CHIS_POL11_1 1
2026	NSP	Line	CHIS_POL11_1 1
2023	NSP	Transformer	CHPFALLS TR1
2023	NSP	Transformer	CHPFALLS TR1
2023	NSP	Transformer	CHPFALLS TR1
2023	NSP	Transformer	CHPFALLS TR1
2023	NSP	Transformer	CHPFALLS TR1
2023	NSP	Transformer	CHPFALLS TR1
2024	NSP	Transformer	CHPFALLS TR1

2026	GRE	Line	COAL_STANT23_2 1
2026	GRE	Line	COAL_STANT23_2 1
2023	ALTW	Line	COGGOCOCCO69_1 1
2023	ALTW	Line	COGGOCOCCO69_1 1
2024	ALTW	Line	COGGOCOCCO69_1 1
2024	ALTW	Line	COGGOCOCCO69_1 1
2024	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COGGOCOCCO69_1 1
2026	ALTW	Line	COGGOCOCCO69_1 1
2025	ALTW	Line	COLBYEMERY16_1 1
2025	ALTW	Line	COLBYEMERY16_1 1
2025	ALTW	Line	COLBYLIME_16_1 1
2026	ALTW	Line	COLBYLIME_16_1 1
2026	ALTW	Line	COLBYLIME_16_1 1
2024	ALTW	Line	COLBYWORT16_1 1
2024	ALTW	Line	COLBYWORT16_1 1
2024	ALTW	Line	COLORNEVAD69_1 1
2024	ALTW	Line	COLORNEVAD69_1 1
2024	NSP	Line	COLVICANFA11_1 1
2024	NSP	Line	COLVICANFA11_1 1
2024	NSP	Transformer	COLVILNS TR5
2025	NSP	Transformer	COLVILNS TR5
2025	NSP	Transformer	COLVILNS TR5
2026	NSP	Transformer	COLVILNS TR5
2025	ALTW	Line	COMFRDOTSO69_1 1
2025	ALTW	Line	COMFRDOTSO69_1 1
2024	NSP/GRE	Line	COON_DICKU34_1 1
2024	NSP/GRE	Line	COON_DICKU34_1 1
2026	NSP	Line	COON_ELM_C34_1 1
2026	NSP	Line	COON_ELM_C34_1 1
2023	NSP	Line	COON_SHERC34_1 1
2024	NSP	Line	COON_SHERC34_1 1
2024	NSP	Line	COON_SHERC34_1 1
2025	NSP	Line	COON_TERMI34_1 1
2025	NSP	Line	COON_TERMI34_1 1
2025	OTP	Line	CORMOTAMAR11_1 1
2024	NSP	Line	CORNEANDER11_1 1
2024	NSP	Transformer	CORNELL2 TR1
2025	OTP	Line	COURTJMSTN11_1 1
2024	ALTW	Line	COURTLUCAS69_1 1

2025	ALTW	Line	COURTLUCAS69_1 1
2025	OTP	Transformer	COYOTE TR1
2025	OTP	Transformer	COYOTE TR1
2025	OTP	Transformer	COYOTE TR1
2026	OTP	Transformer	COYOTE TR1
2025	OTP	Line	CR_SR_CAP 1
2025	OTP	Line	CR_SR_CAP 1
2023	ALTW	Line	CREECRES69_1 1
2023	ALTW	Line	CREECRES69_1 1
2025	ALTW	Line	CREECRES69_1 1
2024	OTP	Line	CRMRNCORMO11_1 1
2024	OTP	Line	CRMRNCORMO11_1 1
2025	OTP	Line	CRMRNCORMO11_1 1
2025	OTP	Line	CRMRNCORMO11_1 1
2025	OTP	Line	CRMRNCORMO11_1 1
2024	SMP	Line	CROSTCASCA16_1 1
2023	ALTW	Line	CROZFAIRF69_1 1
2025	ALTW	Line	CROZFAIRF69_1 1
2025	ALTW	Line	CROZFAIRF69_1 1
2026	ALTW	Line	CROZFAIRF69_1 1
2024	ALTW	Line	CRYSTALLAKE_WF S
2024	ALTW	Line	CRYSTALLAKE_WF S
2024	ALTW	Line	CRYSTALLAKE_WF S
2023	NSP	Transformer	DANIELSN TR1
2024	NSP	Transformer	DANIELSN TR1
2024	NSP	Transformer	DANIELSN TR1
2025	NSP	Transformer	DANIELSN TR1
2024	NSP	Line	DAYTOHIBRD11_1 1
2024	NSP	Line	DAYTOHIBRD11_1 1
2024	NSP	Line	DAYTOHIBRD11_1 1
2024	NSP	Line	DAYTOHIBRD11_1 1
2024	NSP	Line	DAYTOHIBRD11_1 1
2025	NSP	Line	DAYTOHIBRD11_1 1
2026	NSP	Line	DAYTOHIBRD11_1 1
2023	ALTW	Transformer	DEERRUN T2
2023	ALTW	Transformer	DEERRUN T2
2024	ALTW	Transformer	DEERRUN T2
2025	ALTW	Transformer	DEERRUN T2
2026	ALTW	Transformer	DEERRUN T2
2026	ALTW	Transformer	DEERRUN T2
2025	OTP	Line	DELVOMAPLE69_1 1
2024	ALTW	Line	DENMABRLGT16_1 1
2024	OTP	Transformer	DEUELHAR DH1_GSU
2024	OTP	Transformer	DEUELHAR DH1_GSU

2025	OTP	Transformer	DEUELHAR DH1_GSU
2026	OTP	Transformer	DEUELHAR DH1_GSU
2026	OTP	Transformer	DEUELHAR DH1_GSU
2025	OTP	Transformer	DEUELHAR DH2_GSU
2025	OTP	Line	DEVILDEVIL11_2 1
2023	OTP	Line	DEVILDEVIL11_3 1
2023	OTP	Line	DEVILDEVIL11_3 1
2024	OTP	Line	DEVILDEVIL11_3 1
2024	OTP	Line	DEVILDEVIL11_3 1
2024	OTP	Line	DEVILSWEET11_1 1
2024	OTP	Line	DEVILSWEET11_1 1
2024	ALTW	Line	DIAMTRIBO69_1 1
2024	ALTW	Line	DIATDEVIL69_1 1
2025	ALTW	Line	DIATDEVIL69_1 1
2025	ALTW	Line	DIATDEVIL69_1 1
2025	NSP	Line	DICKNDICK_11_1 1
2024	GRE	Transformer	DICKUPA TR9
2025	GRE	Transformer	DICKUPA TR9
2024	ALTW	Line	DICYLAKEF16_1 1
2025	ALTW	Line	DICYLAKEF16_1 1
2025	ALTW	Line	DICYLAKEF16_1 1
2025	ALTW	Line	DICYLAKEF16_1 1
2025	ALTW	Line	DICYTRIBO16_1 1
2023	OTP	Line	DKR_TWBK 1
2024	OTP	Line	DKR_TWBK 1
2025	OTP	Line	DKR_TWBK 1
2025	OTP	Line	DKR_TWBK 1
2023	OTP	Transformer	DKTARNG3 DR3_GSU
2023	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2024	OTP	Transformer	DKTARNG3 DR3_GSU
2025	OTP	Transformer	DKTARNG3 DR3_GSU
2025	OTP	Transformer	DKTARNG3 DR3_GSU
2025	OTP	Transformer	DKTARNG3 DR3_GSU
2025	OTP	Transformer	DKTARNG3 DR3_GSU
2026	OTP	Transformer	DKTARNG3 DR3_GSU
2025	OTP	Line	DONALHALMA11_1 1
2025	OTP	Line	DONALHALMA11_1 1
2026	OTP	Line	DONALHALMA11_1 1
2026	OTP	Line	DONALHALMA11_1 1
2024	ALTW	Line	DONALRICE69_1 1

2026	ALTW	Line	DONALRICE69_1 1
2026	ALTW	Line	DONALRICE69_1 1
2023	ALTW	Line	DOTSOSPRIN69_1 1
2023	ALTW	Line	DOTSOSPRIN69_1 1
2023	ALTW	Line	DOTSOSPRIN69_1 1
2024	ALTW	Line	DOTSOSPRIN69_1 1
2024	ALTW	Line	DOTSOSPRIN69_1 1
2024	ALTW	Line	DOTSOSPRIN69_1 1
2025	ALTW	Line	DOTSOSPRIN69_1 1
2025	ALTW	Line	DOTSOSPRIN69_1 1
2025	ALTW	Line	DOTSOSPRIN69_1 1
2025	ALTW	Line	DOTSOSPRIN69_1 1
2025	ALTW	Line	DOTSOSPRIN69_1 1
2026	ALTW	Line	DOTSOSPRIN69_1 1
2023	ALTW	Line	DOUD2BNE_J16_1 1
2023	ALTW	Line	DOUD2BNE_J16_1 1
2024	ALTW	Line	DOUD2BNE_J16_1 1
2025	ALTW	Line	DOUD2BNE_J16_1 1
2025	ALTW	Line	DOUD2BNE_J16_1 1
2026	ALTW	Line	DOUD2BNE_J16_1 1
2024	ALTW	Transformer	DUNDEE T3
2024	ALTW	Transformer	DUNDEE T3
2024	ALTW	Transformer	DUNDEE T3
2025	ALTW	Transformer	DUNDEE T3
2025	ALTW	Line	E_CALGR_MN16_1 1
2025	ALTW	Line	E_CALGR_MN16_1 1
2023	NSP	Transformer	E_RIDGE TR1
2023	NSP	Transformer	E_RIDGE TR1
2023	NSP	Transformer	E_RIDGE TR1
2023	NSP	Transformer	E_RIDGE TR1
2023	NSP	Transformer	E_RIDGE TR1
2023	NSP	Transformer	E_RIDGE TR1
2024	NSP	Transformer	E_RIDGE TR1
2024	NSP	Transformer	E_RIDGE TR1
2025	NSP	Transformer	E_RIDGE TR1
2025	NSP	Line	EASTWS3811_1 1
2025	NSP	Line	EASTWS3811_1 1
2025	NSP	Transformer	EAU_CLA TR10
2025	NSP	Transformer	EAU_CLA TR10
2025	NSP	Transformer	EAU_CLA TR10
2025	NSP	Transformer	EAU_CLA TR10
2025	NSP	Transformer	EAU_CLA TR10_2
2025	NSP	Transformer	EAU_CLA TR10_2
2025	NSP	Transformer	EAU_CLA TR9

2025	NSP	Transformer	EAU_CLA TR9
2026	NSP	Transformer	EAU_CLA TR9
2024	NSP	Transformer	EAU_CLA TR9_2
2024	NSP	Transformer	EAU_CLA TR9_2
2025	NSP	Transformer	EAU_CLA TR9_2
2025	NSP	Transformer	EAU_CLA TR9_2
2024	NSP	Line	EAU_CWHEAT16_1 1
2024	ALTW	Line	ECHOLODINT69_1 1
2024	ALTW	Line	ECHOLODINT69_1 1
2025	ALTW	Line	ECHOLODINT69_1 1
2025	ALTW	Line	ECHOLODINT69_1 1
2024	OTP	Line	EDGETEDGET11_1 1
2023	OTP	Line	EDGETHOOT_11_1 1
2023	OTP	Line	EDGETHOOT_11_1 1
2023	OTP	Line	EDGETHOOT_11_1 1
2023	OTP	Line	EDGETHOOT_11_1 1
2023	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2024	OTP	Line	EDGETHOOT_11_1 1
2025	OTP	Line	EDGETHOOT_11_1 1
2023	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2023	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2023	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2023	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2023	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2024	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2025	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2026	ALTW/DPC	Line	EDUBQ8TH_S69_1 1
2024	OTP	Line	EFERGGRANT11_1 1
2025	OTP	Line	EFERGGRANT11_1 1
2023	OTP	Line	ELBOWGRNTW41_1 1
2023	OTP	Line	ELBOWGRNTW41_1 1
2023	OTP	Line	ELBOWGRNTW41_1 1
2023	OTP	Line	ELBOWGRNTW41_1 1
2024	OTP	Line	ELBOWGRNTW41_1 1

2026	ALTW	Line	ELDN2NWFF69_1 1
2025	ALTW	Line	ELENDOKGL69_1 1
2025	ALTW	Line	ELENDOKGL69_1 1
2026	ALTW	Line	ELENDOKGL69_1 1
2026	ALTW	Line	ELENDOKGL69_1 1
2023	DPC	Transformer	ELK_MND TR5
2023	DPC	Transformer	ELK_MND TR5
2023	DPC	Transformer	ELK_MND TR5
2023	DPC	Transformer	ELK_MND TR5
2024	DPC	Transformer	ELK_MND TR5
2024	DPC	Transformer	ELK_MND TR5
2025	DPC	Transformer	ELK_MND TR5
2023	DPC/NSP	Line	ELK_MWHEAT16_1 1
2023	DPC/NSP	Line	ELK_MWHEAT16_1 1
2024	DPC/NSP	Line	ELK_MWHEAT16_1 1
2024	DPC/NSP	Line	ELK_MWHEAT16_1 1
2024	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2025	DPC/NSP	Line	ELK_MWHEAT16_1 1
2026	DPC/NSP	Line	ELK_MWHEAT16_1 1
2026	DPC/NSP	Line	ELK_MWHEAT16_1 1
2024	GRE	Line	ELK_RBUNKE23_1 1
2024	GRE	Line	ELK_RBUNKE23_1 1
2025	GRE	Line	ELK_RBUNKE23_1 1
2026	GRE	Line	ELK_RBUNKE23_1 1
2025	GRE	Transformer	ELK_RIV GSU11
2026	GRE	Transformer	ELK_RIV GSU11
2024	GRE/NSP	Line	ELK_RMNTCE23_1 1
2025	GRE/NSP	Line	ELK_RMNTCE23_1 1
2025	GRE/NSP	Line	ELK_RMNTCE23_1 1
2025	GRE/NSP	Line	ELK_RMNTCE23_1 1
2025	ALTW	Line	ELKMAGNL16_1 1
2023	NSP	Line	ELLOTMAIN_11_1 1
2023	NSP	Line	ELLOTMAIN_11_1 1
2023	NSP	Line	ELLOTMAIN_11_1 1
2023	NSP	Line	ELLOTMAIN_11_1 1
2024	NSP	Line	ELLOTMAIN_11_1 1
2024	NSP	Line	ELLOTMAIN_11_1 1
2024	NSP	Line	ELLOTMAIN_11_1 1
2024	NSP	Line	ELLOTMAIN_11_1 1

2024	NSP	Line	ELLOTMAIN_11_1 1
2024	NSP	Line	ELLOTMAIN_11_1 1
2025	NSP	Line	ELLOTMAIN_11_1 1
2025	NSP	Line	ELLOTMAIN_11_1 1
2025	NSP	Line	ELLOTMAIN_11_1 1
2025	NSP	Line	ELLOTMAIN_11_1 1
2026	NSP	Line	ELLOTMAIN_11_1 1
2025	NSP	Line	ELMCKSHERC34_1 1
2025	NSP	Line	ELMCKSHERC34_1 1
2023	MP	Line	EMBARLASKI11_1 1
2024	MP	Line	EMBARLASKI11_1 1
2024	MP	Line	EMBARLASKI11_1 1
2025	MP	Line	EMBARLASKI11_1 1
2025	MP	Line	EMBARLASKI11_1 1
2023	ALTW	Line	EMERYMASNI16_1 1
2023	ALTW	Line	EMERYMASNI16_1 1
2025	NSP	Line	EMPIRROSEM11_1 1
2023	ALTW	Transformer	ENDV TR81
2023	ALTW	Transformer	ENDV TR81
2025	ALTW	Transformer	ENDV TR81
2024	ALTW	Line	ENDVDICY16_1 1
2024	ALTW	Line	ENDVDICY16_1 1
2025	NSP	Line	ERIE_S311_1 1
2025	NSP	Line	ERIE_S311_1 1
2026	NSP	Line	ERIE_S311_1 1
2026	NSP	Line	ERIE_S311_1 1
2023	ALTW	Line	ERNSTROSEH69_1 1
2023	ALTW	Line	FAIRBORANA69_1 1
2025	ALTW	Line	FAIRBORANA69_1 1
2024	ALTW	Line	FAIRMFAIRM69_1 1
2024	ALTW	Line	FAIRMFAIRM69_1 1
2025	ALTW	Line	FAIRMFAIRM69_1 1
2024	ALTW	Line	FAIRMFAIRM69_2 1
2024	ALTW	Line	FAIRMFAIRM69_2 1
2024	ALTW	Line	FAIRMFAIRM69_2 1
2025	ALTW	Line	FAIRMFAIRM69_2 1
2025	ALTW	Line	FAIRMFAIRM69_2 1
2023	ALTW	Line	FAIRMONP69_1 1
2023	ALTW	Line	FAIRMONP69_1 1
2023	ALTW	Line	FAIRMONP69_1 1
2023	ALTW	Line	FAIRMONP69_1 1
2023	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1

2024	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1
2024	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2025	ALTW	Line	FAIRMONP69_1 1
2026	ALTW	Line	FAIRMONP69_1 1
2023	ALTW	Line	FAIRMRUTLA69_1 1
2024	ALTW	Line	FAIRMRUTLA69_1 1
2024	ALTW	Line	FAIRMRUTLA69_1 1
2024	ALTW	Line	FAIRMRUTLA69_1 1
2024	ALTW	Line	FAIRMRUTLA69_1 1
2025	ALTW	Line	FAIRMRUTLA69_1 1
2025	ALTW	Line	FAIRMRUTLA69_1 1
2025	ALTW	Line	FAIRMRUTLA69_1 1
2024	MP	Line	FAIRMWNTR_11_1 1
2025	MP	Line	FAIRMWNTR_11_1 1
2025	MP	Line	FAIRMWNTR_11_1 1
2023	ALTW	Line	FAIRPLPT69_1 1
2023	ALTW	Line	FAIRPLPT69_1 1
2023	ALTW	Line	FAIRPLPT69_1 1
2023	ALTW	Line	FAIRPLPT69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2024	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2025	ALTW	Line	FAIRSWTL69_1 1
2026	ALTW	Line	FAIRSWTL69_1 1
2023	OTP	Line	FALCOCRKST11_1 1
2023	OTP	Line	FALCOCRKST11_1 1
2023	OTP	Line	FALCOCRKST11_1 1
2025	OTP	Line	FALCOCRKST11_1 1

2025	OTP	Line	FALCOCRKST11_1 1
2025	OTP	Line	FALCOCRKST11_1 1
2025	OTP	Line	FALCOCRKST11_1 1
2025	OTP	Line	FALCOCRKST11_1 1
2026	OTP	Line	FALCOCRKST11_1 1
2025	OTP	Line	FALCOGRNDF11_1 1
2025	OTP	Line	FALCOGRNDF11_1 1
2026	OTP	Line	FALCOGRNDF11_1 1
2023	NSP	Line	FARFXWILNG69_1 1
2023	NSP	Line	FARFXWILNG69_1 1
2024	NSP	Line	FARFXWILNG69_1 1
2024	NSP	Line	FARFXWILNG69_1 1
2024	NSP	Line	FARFXWILNG69_1 1
2024	NSP	Line	FARFXWILNG69_1 1
2025	NSP	Line	FARFXWILNG69_1 1
2025	NSP	Line	FARFXWILNG69_1 1
2025	NSP	Line	FARFXWILNG69_1 1
2025	NSP	Line	FARFXWILNG69_1 1
2025	NSP	Line	FARFXWILNG69_1 1
2026	NSP	Line	FARFXWILNG69_1 1
2025	OTP	Line	FARGOSHEYN23_1 1
2025	NSP	Line	FARIBCANRI11_1 1
2023	NSP	Transformer	FARIBGEN TR1
2023	NSP	Transformer	FARIBGEN TR1
2024	NSP	Transformer	FARIBGEN TR1
2023	ALTW	Transformer	FCLD TR41
2023	ALTW	Transformer	FCLD TR41
2023	ALTW	Transformer	FCLD TR41
2023	ALTW	Transformer	FCLD TR41
2023	ALTW	Transformer	FCLD TR41
2024	ALTW	Transformer	FCLD TR41
2024	ALTW	Transformer	FCLD TR41
2025	ALTW	Transformer	FCLD TR41
2023	ALTW	Line	FCLDTRIBO69_1 1
2023	ALTW	Line	FCLDTRIBO69_1 1
2023	ALTW	Line	FCLDTRIBO69_1 1
2024	ALTW	Line	FCLDTRIBO69_1 1
2024	ALTW	Line	FCLDTRIBO69_1 1
2024	ALTW	Line	FCLDTRIBO69_1 1
2024	ALTW	Line	FCLDTRIBO69_1 1
2024	ALTW	Line	FCLDTRIBO69_1 1
2025	ALTW	Line	FCLDTRIBO69_1 1
2025	ALTW	Line	FCLDTRIBO69_1 1
2025	ALTW	Line	FCLDTRIBO69_1 1

2024	ALTW	Line	FOXRPETER69_1 1
2025	ALTW	Line	FOXRPETER69_1 1
2025	ALTW	Line	FOXRPETER69_1 1
2025	ALTW	Line	FOXRPETER69_1 1
2025	ALTW	Line	FOXRPETER69_1 1
2026	ALTW	Line	FOXRPETER69_1 1
2023	OTP	Line	FRAZEAUDUB11_1 1
2023	OTP	Line	FRAZEAUDUB11_1 1
2023	OTP	Line	FRAZECORMO11_1 1
2024	OTP	Line	FRAZECORMO11_1 1
2024	OTP	Line	FRAZECORMO11_1 1
2023	NSP	Transformer	FRENCH_G TR2
2023	NSP	Transformer	FRENCH_G TR2
2023	NSP	Transformer	FRENCH_G TR2
2025	NSP	Transformer	FRENCH_G TR2
2023	NSP	Transformer	FRENCH_G TR3G3
2023	NSP	Transformer	FRENCH_G TR3G3
2023	NSP	Transformer	FRENCH_G TR3G4
2023	NSP	Transformer	FRENCH_G TR3G4
2025	ALTW	Line	FRMLNIFIP69_1 1
2025	ALTW	Line	FRMLNIFIP69_1 1
2025	NSP	Line	FRNKLCEDAR11_1 1
2025	NSP	Line	FRNKLCEDAR11_1 1
2023	NSP	Line	FRNKLFTRID11_1 1
2023	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2025	NSP	Line	FRNKLFTRID11_1 1
2026	NSP	Line	FRNKLFTRID11_1 1
2024	OTP	Line	FRONTMAPLE23_1 1
2024	OTP	Line	FRONTMAPLE23_1 1
2023	ALTW	Line	FULJ2HERON69_1 1
2023	ALTW	Line	FULJ2HERON69_1 1
2023	ALTW	Line	FULJ2HERON69_1 1
2024	ALTW	Line	FULJ2HERON69_1 1
2024	ALTW	Line	GARDFRICH34_1 1
2023	NSP	Transformer	GARWIN TR1
2023	NSP	Transformer	GARWIN TR1
2023	NSP	Transformer	GARWIN TR1
2023	NSP	Transformer	GARWIN TR1
2025	NSP	Transformer	GARWIN TR2
2025	DPC/ALTW	Line	GENOALANSI16_1 1

2023	OTP	Line	GETWAPRAIR69_1 1
2023	OTP	Line	GETWAPRAIR69_1 1
2025	OTP	Line	GETWAPRAIR69_1 1
2024	NSP	Line	GINGLBAYFR11_1 1
2025	NSP	Line	GINGLBAYFR11_1 1
2024	ALTW	Line	GLENWFREEB16_1 1
2024	ALTW	Line	GLENWFREEB16_1 1
2024	ALTW	Line	GLENWHAYWA16_1 1
2024	ALTW	Transformer	GLENWTH T1
2024	ALTW	Transformer	GLENWTH T1
2024	ALTW	Transformer	GLENWTH T1
2025	NSP	Line	GLNDABLK_D11_1 1
2023	GRE	Line	GMARAGMARA69_1 1
2023	GRE	Line	GMARAGMARA69_1 1
2025	GRE	Line	GMARAGMARA69_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GOOSEMNPIP11_1 1
2024	NSP	Line	GRANCS3311_1 1
2025	OTP	Line	GRANTELBOW11_1 1
2025	ALTW	Line	GRE-RLORAI69_1 1
2025	ALTW	Line	GRE-RLORAI69_1 1
2024	ALTW	Line	GRINNSGRIN69_1 1
2024	ALTW	Line	GRINNSGRIN69_1 1
2025	ALTW	Line	GRINNSGRIN69_1 1
2025	ALTW	Line	GRINNSGRIN69_1 1
2026	ALTW	Line	GRINNSGRIN69_1 1
2026	ALTW	Line	GRINNSGRIN69_1 1
2025	NSP	Line	GROVEATWAT69_1 1
2024	ALTW	Line	GUTHRINDUS69_1 1
2025	ALTW	Line	HAHNATAUROR69_1 1
2025	ALTW	Line	HAHNATAUROR69_1 1
2025	ALTW	Line	HAHNATAUROR69_1 1
2025	ALTW	Line	HAHNATAUROR69_1 1
2026	ALTW	Line	HAHNATAUROR69_1 1
2023	ALTW	Line	HAHNTMARYT69_1 1
2023	ALTW	Line	HAHNTMARYT69_1 1
2023	ALTW	Line	HAHNTMARYT69_1 1
2024	ALTW	Line	HAHNTMARYT69_1 1

2025	ALTW	Line	HAHNTMARYT69_1 1
2025	ALTW	Line	HANCOCERRO16_1 1
2023	ALTW	Transformer	HANCOCK2 TR2
2023	ALTW	Transformer	HANCOCK2 TR2
2023	ALTW	Transformer	HANCOCK2 TR2
2024	ALTW	Transformer	HANCOCK2 TR2
2024	ALTW	Transformer	HANCOCK2 TR2
2025	OTP	Line	HANCOWALDE11_1 1
2025	ALTW	Line	HANLNNRWDJ69_1 1
2025	ALTW	Line	HANLNNRWDJ69_1 1
2023	DPC	Line	HARMOGENOA16_1 1
2023	DPC	Line	HARMOGENOA16_1 1
2024	DPC	Line	HARMOGENOA16_1 1
2026	DPC	Line	HARMOGENOA16_1 1
2023	NSP	Line	HATFIBROCK69_1 1
2025	NSP	Line	HATFIBROCK69_1 1
2023	NSP	Line	HAWKNREDPW34_1 1
2023	NSP	Line	HAWKNREDPW34_1 1
2023	NSP	Line	HAWKNREDPW34_1 1
2023	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2024	NSP	Line	HAWKNREDPW34_1 1
2025	NSP	Line	HAWKNREDPW34_1 1
2025	NSP	Line	HAWKNREDPW34_1 1
2025	NSP	Line	HAWKNREDPW34_1 1
2026	NSP	Line	HAWKNREDPW34_1 1
2023	ALTW	Line	HAWKTRICHF69_1 1
2023	ALTW	Line	HAWKTRICHF69_1 1
2023	ALTW	Line	HAWKTRICHF69_1 1
2023	ALTW	Line	HAWKTRICHF69_1 1
2023	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2024	ALTW	Line	HAWKTRICHF69_1 1
2025	ALTW	Line	HAWKTRICHF69_1 1

2025	ALTW	Line	HAWKTRICHF69_1 1
2025	ALTW	Line	HAWKTRICHF69_1 1
2025	ALTW	Line	HAWKTRICHF69_1 1
2025	ALTW	Line	HAWKTRICHF69_1 1
2026	ALTW	Line	HAWKTRICHF69_1 1
2026	ALTW	Line	HAWKTRICHF69_1 1
2025	NSP	Transformer	HAZELCRK TR9_2
2024	ALTW	Line	HAZLTBRYAN69_1 1
2024	ALTW	Line	HAZLTBRYAN69_1 1
2024	ALTW	Line	HAZLTBRYAN69_1 1
2024	ALTW	Line	HAZLTBRYAN69_1 1
2024	ALTW	Line	HAZLTBRYAN69_1 1
2025	ALTW	Line	HAZLTDUNDE16_1 1
2025	ALTW	Line	HAZLTDUNDE16_1 1
2025	ALTW	Transformer	HAZLTON T2
2025	ALTW	Transformer	HAZLTON T2
2023	ALTW	Line	HAZLTON94569_1 S
2023	ALTW	Line	HAZLTON94569_1 S
2023	ALTW	Line	HAZLTON94569_1 S
2023	ALTW	Line	HAZLTON94569_1 S
2023	ALTW	Line	HAZLTON94569_1 S
2023	ALTW	Line	HAZLTON94569_1 S
2024	ALTW	Line	HAZLTON94569_1 S
2024	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2025	ALTW	Line	HAZLTON94569_1 S
2026	ALTW	Line	HAZLTON94569_1 S
2025	NSP	Line	HELENSHEAS34_1 1
2025	NSP	Line	HELENSHEAS34_1 1
2025	NSP	Line	HELENSHEAS34_1 1
2025	NSP	Line	HELENSHEAS34_1 1
2025	NSP	Line	HELENSHEAS34_1 1
2026	NSP	Line	HELENSHEAS34_1 1
2026	NSP	Line	HELENSHEAS34_1 1
2025	ALTW	Line	HENRYJEFF16_1 1
2025	ALTW	Line	HENRYJEFF16_1 1
2023	OTP	Transformer	HENSEL TR11
2023	OTP	Transformer	HENSEL TR11
2023	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11

2024	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11
2024	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2025	OTP	Transformer	HENSEL TR11
2026	OTP	Transformer	HENSEL TR11
2026	OTP	Transformer	HENSEL TR11
2023	OTP	Transformer	HENSEL TR12
2023	ALTW	Line	HERONHERON69_1 S
2023	ALTW	Line	HERONHERON69_1 S
2024	ALTW	Line	HERONHERON69_1 S
2025	ALTW	Line	HERONHERON69_1 S
2023	ALTW	Transformer	HERONLK T1
2023	ALTW	Transformer	HERONLK T1
2025	ALTW	Transformer	HERONLK T1
2025	ALTW	Transformer	HERONLK T2
2023	ALTW	Line	HERONMILOM69_1 1
2023	ALTW	Line	HERONMILOM69_1 1
2023	ALTW	Line	HERONMILOM69_1 1
2023	ALTW	Line	HERONMILOM69_1 1
2024	ALTW	Line	HERONMILOM69_1 1
2025	ALTW	Line	HERONMILOM69_1 1
2025	ALTW	Line	HERONMILOM69_1 1
2025	ALTW	Line	HERONMILOM69_1 1
2026	ALTW	Line	HERONMILOM69_1 1
2026	ALTW	Line	HERONMILOM69_1 1
2023	OTP	Transformer	HETLAND TR1
2024	MP	Line	HIBBAARROW11_1 1
2024	MP	Line	HIBBAARROW11_1 1
2025	MP	Line	HIBBAARROW11_1 1
2025	MP	Line	HIBBAARROW11_1 1
2026	MP	Line	HIBBAARROW11_1 1
2023	MP	Line	HIBBAFONDL11_1 1
2023	MP	Line	HIBBAFONDL11_1 1
2023	MP	Line	HIBBAFONDL11_1 1

2026	NSP	Line	HIBRDMER_P11_1 1
2026	NSP	Line	HIBRDMER_P11_1 1
2026	MP	Line	HILLT98L_T23_1 1
2024	ALTW	Line	HIWTRLAMBR69_1 1
2025	ALTW	Line	HIWTRLAMBR69_1 1
2024	NSP	Line	HOLCOCORNE11_1 1
2025	NSP	Line	HOLCOCORNE11_1 1
2025	NSP	Line	HOLCOCORNE11_1 1
2025	NSP	Line	HOLCOCORNE11_1 1
2026	NSP	Line	HOLCOCORNE11_1 1
2026	NSP	Line	HOLCOCORNE11_1 1
2024	NSP	Line	HOLCOSHELD11_1 1
2024	NSP	Line	HOLCOSHELD11_1 1
2024	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2025	NSP	Line	HOLCOSHELD11_1 1
2026	NSP	Line	HOLCOSHELD11_1 1
2023	NSP	Line	HONNEHNR_T11_1 1
2023	NSP	Line	HONNEHNR_T11_1 1
2023	NSP	Line	HONNEHNR_T11_1 1
2023	NSP	Line	HONNEHNR_T11_1 1
2024	NSP	Line	HONNEHNR_T11_1 1
2026	NSP	Line	HONNEHNR_T11_1 1
2023	NSP	Line	HONNEWESTS11_1 1
2023	NSP	Line	HONNEWESTS11_1 1
2024	NSP	Line	HONNEWESTS11_1 1
2025	NSP	Line	HONNEWESTS11_1 1
2025	OTP	Line	HOOT_FERGS11_1 1
2024	OTP	Transformer	HOOT_LK W1
2024	OTP	Transformer	HOOT_LK W1
2024	OTP	Transformer	HOOT_LK W1
2024	OTP	Transformer	HOOT_LK W1
2025	OTP	Transformer	HOOT_LK W1
2025	OTP	Transformer	HOOT_LK W1
2025	OTP	Transformer	HOOT_LK W1
2025	OTP	Transformer	HOOT_LK W1
2025	OTP	Transformer	HOOT_LK W1
2026	OTP	Transformer	HOOT_LK W1
2026	OTP	Transformer	HOOT_LK W1
2024	ALTW	Line	HPKTNSANDS69_1 1
2024	ALTW	Line	HPKTNSANDS69_1 1

2024	ALTW	Line	HPKTNSANDS69_1 1
2024	ALTW	Line	HPKTNSANDS69_1 1
2025	ALTW	Line	HPKTNSANDS69_1 1
2025	ALTW	Line	HPKTNSANDS69_1 1
2025	ALTW	Line	HPKTNSANDS69_1 1
2025	ALTW	Line	HPKTNSANDS69_1 1
2025	ALTW	Line	HPKTNSANDS69_1 1
2026	ALTW	Line	HPKTNSANDS69_1 1
2023	ALTW	Line	HRNTHON69_1 1
2024	ALTW	Line	HRNTHON69_1 1
2024	ALTW	Line	HRNTHON69_1 1
2024	ALTW	Line	HRNTHON69_1 1
2024	ALTW	Line	HRNTHON69_1 1
2024	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2025	ALTW	Line	HRNTHON69_1 1
2026	ALTW	Line	HRNTHON69_1 1
2026	ALTW	Line	HRNTHON69_1 1
2023	ALTW	Line	HUNTLTHISI16_1 1
2025	GRE/NSP	Line	HUT3MMCLEO11_1 1
2025	GRE/NSP	Line	HUT3MMCLEO11_1 1
2025	GRE/NSP	Line	HUT3MMCLEO11_1 1
2024	ALTW	Line	HWKTPCASY69_1 1
2025	ALTW	Line	HWKTPCASY69_1 1
2025	ALTW	Line	HWKTPCASY69_1 1
2025	ALTW	Line	HWKTPCASY69_1 1
2025	ALTW	Line	HWKTPCASY69_1 1
2026	ALTW	Line	HWKTPCASY69_1 1
2026	ALTW	Line	HWKTPCASY69_1 1
2024	NSP	Line	HYDROJIM_F11_1 1
2024	NSP	Transformer	HYDROLN TR6
2024	NSP	Transformer	HYDROLN TR6
2024	NSP	Transformer	HYDROLN TR6
2024	NSP	Transformer	HYDROLN TR6
2025	NSP	Transformer	HYDROLN TR6
2025	NSP	Transformer	HYDROLN TR6
2025	NSP	Transformer	HYDROLN TR6
2025	NSP	Transformer	HYDROLN TR6
2025	NSP	Transformer	HYDROLN TR6
2026	NSP	Transformer	HYDROLN TR6

2026	NSP	Transformer	HYDROLN TR6
2023	MP	Line	I_FALBOISE_134 1
2024	MP	Line	I_FALBOISE_134 1
2026	MP	Line	I_FALBOISE_134 1
2024	MP	Line	I_FALLITLF11_1 1
2024	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2025	MP	Line	I_FALLITLF11_1 1
2026	MP	Line	I_FALLITLF11_1 1
2024	ALTW	Line	I35TMJCT69_1 1
2024	ALTW	Line	I35TMJCT69_1 1
2025	ALTW	Line	I35TMJCT69_1 1
2025	ALTW	Line	I35TMJCT69_1 1
2025	ALTW	Line	I35TMJCT69_1 1
2026	ALTW	Line	I35TMJCT69_1 1
2026	ALTW	Line	I35TMJCT69_1 1
2025	SMP	Line	IBMCASCA16_1 1
2023	SMP	Line	IBMTAWESTS16_1 1
2024	SMP	Line	IBMTAWESTS16_1 1
2025	MP	Line	INLANVIRGN11_1 1
2025	MP	Line	INLANVIRGN11_1 1
2023	ALTW	Line	INPNDCEW_16_1 1
2023	ALTW	Line	INPNDCEW_16_1 1
2023	ALTW	Line	INPNDCEW_16_1 1
2023	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2024	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2025	ALTW	Line	INPNDCEW_16_1 1
2026	ALTW	Line	INPNDCEW_16_1 1
2026	ALTW	Line	INPNDCEW_16_1 1

2023	NSP	Transformer	INVRHLS TR1G1
2025	NSP	Transformer	INVRHLS TR2G3
2025	NSP	Transformer	INVRHLS TR2G4
2025	NSP	Transformer	INVRHLS TR3G6
2025	NSP	Transformer	INVRHLS TR9
2025	NSP	Transformer	INVRHLS TR9
2025	NSP	Transformer	INVRHLS TR9
2025	NSP	Transformer	INVRHLS TR9
2023	ALTW	Line	IOWA_HSKR69_1 1
2023	ALTW	Line	IOWA_HSKR69_1 1
2023	ALTW	Line	IOWA_HSKR69_1 1
2023	ALTW	Line	IOWA_HSKR69_1 1
2024	ALTW	Line	IOWA_HSKR69_1 1
2024	ALTW	Line	IOWA_HSKR69_1 1
2025	MP	Line	IRON_BLCKB105 1
2024	MP	Line	IRON_BLCKB106 1
2024	MP	Line	IRONDDAHLB11_1 1
2024	MP	Line	IRONDDAHLB11_1 1
2024	MP	Line	IRONDDAHLB11_1 1
2025	MP	Line	IRONDDAHLB11_1 1
2025	MP	Line	IRONDDAHLB11_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2024	ALTW	Line	IRVINBEACO16_1 1
2025	ALTW	Line	IRVINBEACO16_1 1
2025	ALTW	Line	IRVINBEACO16_1 1
2023	ALTW	Line	IRVNGKOSSW34_1 1
2023	ALTW	Line	IRVNGKOSSW34_1 1
2023	ALTW	Line	IRVNGKOSSW34_1 1
2023	ALTW	Line	IRVNGKOSSW34_1 1
2024	ALTW	Line	IRVNGKOSSW34_1 1
2025	ALTW	Line	IRVNGKOSSW34_1 1
2025	ALTW	Line	IRVNGKOSSW34_1 1
2025	ALTW	Line	IRVNGKOSSW34_1 1
2023	NSP	Line	JAMAICOTTA11_1 1
2023	OTP	Line	JAMESEDGLY41_1 1
2023	OTP	Line	JAMESEDGLY41_1 1
2025	OTP	Line	JAMESEDGLY41_1 1
2024	OTP	Line	JAMSPAVIKO11_1 1
2024	OTP	Line	JAMSPAVIKO11_1 1

2023	OTP	Transformer	JAMSPK TR1
2023	OTP	Transformer	JAMSPK TR1
2023	OTP	Transformer	JAMSPK TR1
2023	OTP	Transformer	JAMSPK TR1
2023	OTP	Transformer	JAMSPK TR1
2024	OTP	Transformer	JAMSPK TR1
2024	OTP	Transformer	JAMSPK TR1
2025	OTP	Transformer	JAMSPK TR1
2023	OTP	Transformer	JAMSPK TR2
2023	OTP	Transformer	JAMSPK TR2
2023	OTP	Transformer	JAMSPK TR2
2023	OTP	Transformer	JAMSPK TR2
2023	OTP	Transformer	JAMSPK TR2
2024	OTP	Transformer	JAMSPK TR2
2024	OTP	Transformer	JAMSPK TR2
2025	OTP	Transformer	JAMSPK TR2
2024	ALTW	Line	JEFFRSUMM269_1 1
2025	ALTW	Line	JEFFWOODY16_1 2
2025	ALTW	Line	JEFFWOODY16_1 2
2023	ALTW	Line	JEFFWOOS69_1 1
2024	ALTW	Line	JEFFWOOS69_1 1
2025	ALTW	Line	JEFFWOOS69_1 1
2025	ALTW	Line	JEFFWOOS69_1 1
2025	ALTW	Line	JEWELLYON169_1 1
2025	ALTW	Line	JEWELLYON169_1 1
2023	NSP	Line	JIM_FANDER11_1 1
2024	NSP	Line	JIM_FANDER11_1 1
2025	NSP	Line	JIM_FANDER11_1 1
2025	NSP	Line	JIM_FANDER11_1 1
2025	NSP	Line	JIM_FANDER11_1 1
2023	NSP	Transformer	JIM_FLS TR2
2023	NSP	Transformer	JIM_FLS TR2
2025	NSP	Transformer	JIM_FLS TR2
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2023	OTP	Line	JMSTNN_JAM11_1 1
2024	OTP	Line	JMSTNN_JAM11_1 1
2024	OTP	Line	JMSTNN_JAM11_1 1
2025	OTP	Line	JMSTNN_JAM11_1 1
2024	ALTW	Line	JOHNHILLS69_1 1
2024	ALTW	Line	K_31 A

2023	OTP	Transformer	KARLSTD TR11
2023	OTP	Transformer	KARLSTD TR11
2023	OTP	Transformer	KARLSTD TR11
2023	OTP	Transformer	KARLSTD TR11
2024	OTP	Transformer	KARLSTD TR11
2024	OTP	Transformer	KARLSTD TR11
2024	OTP	Transformer	KARLSTD TR11
2024	ALTW	Line	KARMAGR_JC16_1 1
2025	ALTW	Line	KARMAGR_JC16_1 1
2025	ALTW	Line	KARMAGR_JC16_1 1
2026	ALTW	Line	KARMAGR_JC16_1 1
2023	MP	Line	KEEWAHIBBI_25 1
2024	MP	Line	KEEWAHIBBI_25 1
2025	MP	Line	KEEWAHIBBI_25 1
2023	NSP	Line	KENYNKENYN69_1 1
2023	NSP	Line	KENYNKENYN69_1 1
2025	ALTW	Line	KEOKGKEOKH69_1 1
2025	ALTW	Line	KEOKGKEOKH69_1 1
2023	NSP/OTP	Line	KERKHKERKH11_1 1
2024	NSP/OTP	Line	KERKHKERKH11_1 1
2025	NSP/OTP	Line	KERKHKERKH11_1 1
2025	NSP/OTP	Line	KERKHKERKH11_1 1
2025	NSP/OTP	Line	KERKHKERKH11_1 1
2026	NSP/OTP	Line	KERKHKERKH11_1 1
2026	NSP/OTP	Line	KERKHKERKH11_1 1
2025	NSP/GRE	Line	KERKHPRIAM11_1 1
2025	NSP/GRE	Line	KERKHPRIAM11_1 1
2026	NSP/GRE	Line	KERKHPRIAM11_1 1
2024	NSP	Transformer	KING TR9
2025	NSP	Line	KINGBAYTO11_1 1
2025	ALTW	Line	KLTTGRRIV69_1 1
2025	ALTW	Line	KNOXVLUCAS69_1 1
2025	ALTW	Line	KNOXVLUCAS69_1 1
2026	ALTW	Line	KNOXVLUCAS69_1 1
2026	ALTW	Line	KNOXVLUCAS69_1 1
2024	NSP	Line	KOCHRROSEM11_1 1
2024	NSP	Line	KOCHRROSEM11_1 1
2025	NSP	Line	KOCHRROSEM11_1 1
2025	NSP	Line	KOCHRROSEM11_1 1
2025	ALTW	Line	LAKEFFOX_L16_1 1
2023	ALTW	Line	LAKEFOBRIE34_1 1
2023	ALTW	Line	LAKEFOBRIE34_1 1
2023	ALTW	Line	LAKEFOBRIE34_1 1
2023	ALTW	Line	LAKEFOBRIE34_1 1

2025	ALTW	Line	LAKEFOBRIE34_1 1
2025	ALTW	Line	LAKEFOBRIE34_1 1
2025	ALTW	Line	LAKEFOBRIE34_1 1
2025	ALTW	Line	LAKEFOBRIE34_1 1
2025	OTP	Line	LAKEMBRAND11_1 1
2025	OTP	Line	LAKEMBRAND11_1 1
2023	ALTW	Line	LAMOITIMBR69_1 1
2023	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2024	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2025	ALTW	Line	LAMOITIMBR69_1 1
2026	ALTW	Line	LAMOITIMBR69_1 1
2024	OTP	Line	LANGCONC115_1 1
2023	OTP	Line	LANGDSWEET11_1 1
2023	OTP	Line	LANGDSWEET11_1 1
2024	OTP	Line	LANGDSWEET11_1 1
2024	OTP	Line	LANGDSWEET11_1 1
2024	OTP	Line	LANGDSWEET11_1 1
2025	OTP	Line	LANGDSWEET11_1 1
2025	OTP	Line	LANGDSWEET11_1 1
2025	OTP	Line	LANGDSWEET11_1 1
2026	OTP	Line	LANGDSWEET11_1 1
2026	OTP	Line	LANGDSWEET11_1 1
2024	ALTW	Line	LAUREJASPE16_1 1
2025	ALTW	Line	LAUREJASPE16_1 1
2025	ALTW	Line	LAUREJASPE16_1 1
2023	ALTW	Line	LEWISMADEL69_1 1
2023	ALTW	Line	LEWISMADEL69_1 1
2023	ALTW	Line	LEWISMADEL69_1 1
2023	ALTW	Line	LEWISMADEL69_1 1
2023	ALTW	Line	LEWISMADEL69_1 1
2024	ALTW	Line	LEWISMADEL69_1 1
2024	ALTW	Line	LEWISMADEL69_1 1
2024	ALTW	Line	LEWISMADEL69_1 1
2024	ALTW	Line	LEWISMADEL69_1 1

2025	ALTW	Line	LEWISMADEL69_1 1
2023	ALTW	Line	LIBERNVIEN69_1 1
2023	ALTW	Line	LIBERNVIEN69_1 1
2024	ALTW	Line	LIBERNVIEN69_1 1
2024	ALTW	Line	LIBERNVIEN69_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2024	ALTW	Line	LIME_BARTO16_1 1
2025	ALTW	Line	LIME_BARTO16_1 1
2025	ALTW	Line	LIME_BARTO16_1 1
2025	ALTW	Line	LIME_BARTO16_1 1
2026	ALTW	Line	LIME_BARTO16_1 1
2026	ALTW	Line	LIME_BARTO16_1 1
2023	ALTW	Transformer	LIME_CK TR1
2025	ALTW	Transformer	LIME_CK TR1
2025	ALTW	Transformer	LIME_CK TR1
2025	ALTW	Transformer	LIME_CK TR1
2025	ALTW	Transformer	LIME_CK TR1
2026	ALTW	Transformer	LIME_CK TR1
2026	ALTW	Transformer	LIME_CK TR1
2023	ALTW	Line	LIME_MASNI16_1 1
2023	ALTW	Line	LIME_MASNI16_1 1
2023	ALTW	Line	LIME_MASNI16_1 1
2023	ALTW	Line	LIME_MASNI16_1 1
2024	ALTW	Line	LIME_MASNI16_1 1
2024	ALTW	Line	LIME_MASNI16_1 1
2025	MP	Line	LIND_BOS_1_29 1
2025	MP	Line	LIND_GR_RP_29 1
2024	NSP	Line	LINDECHEMO11_1 1
2024	NSP	Line	LINDECHEMO11_1 1
2026	NSP	Line	LINDECHEMO11_1 1
2023	GRE	Line	LINWONBRNC69_1 1
2025	GRE	Line	LITCHLITSW69_1 1
2025	GRE	Line	LITCHLITSW69_1 1
2023	GRE/NSP	Line	LITCHS3769_1 1
2023	GRE/NSP	Line	LITCHS3769_1 1

2025	GRE/NSP	Line	LITCHS3769_1 1
2025	MP	Transformer	LITLFRK LFRK_3TR
2025	MP	Transformer	LITLFRK LFRK_3TR
2023	MP	Line	LITTLBELLE11_1 1
2023	MP	Line	LITTLBELLE11_1 1
2025	MP	Line	LITTLBELLE11_1 1
2025	MP	Line	LITTLBELLE11_1 1
2025	MP	Line	LITTLBELLE11_1 1
2025	MP	Line	LITTLBELLE11_1 1
2025	MP	Line	LITTLBELLE11_1 1
2024	MP	Line	LITTLDEWIN_46 1
2025	MP	Line	LITTLDEWIN_46 1
2023	NSP	Line	LKCRYS14769_1 1
2023	NSP	Line	LKCRYS14769_1 1
2023	GRE	Transformer	LKFLGRE TR1
2023	GRE	Transformer	LKFLGRE TR1
2023	GRE	Transformer	LKFLGRE TR1
2023	GRE	Transformer	LKFLGRE TR1
2024	GRE	Transformer	LKFLGRE TR1
2025	GRE	Transformer	LKFLGRE TR1
2025	GRE	Transformer	LKFLGRE TR1
2025	GRE	Transformer	LKFLGRE TR1
2023	GRE	Transformer	LKFLGRE TR11
2025	GRE	Transformer	LKFLGRE TR11
2023	GRE	Transformer	LKFLGRE TR2
2023	GRE	Transformer	LKFLGRE TR2
2023	GRE	Transformer	LKFLGRE TR2
2025	GRE	Transformer	LKFLGRE TR24
2023	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2023	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2023	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2023	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2023	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2024	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2025	NSP/ALTW	Line	LKFLNLAKEF34_1 1
2025	NSP	Line	LKYNKBUFFR11_1 1
2025	NSP	Line	LKYNKBUFFR11_1 1
2025	NSP	Line	LKYNKBUFFR11_1 1
2025	NSP	Line	LKYNKBUFFR11_1 1
2025	NSP	Line	LKYNKBUFFR11_1 1
2026	NSP	Line	LKYNKBUFFR11_1 1
2024	MP/NSP	Line	LONG_LTLA11_1 1
2024	MP/NSP	Line	LONG_LTLA11_1 1
2024	MP/NSP	Line	LONG_LTLA11_1 1

2025	MP/NSP	Line	LONG_LTLSA11_1 1
2026	MP/NSP	Line	LONG_LTLSA11_1 1
2025	NSP	Line	LOONLS3811_1 1
2023	NSP	Line	LOONLWASEC69_1 1
2025	NSP	Line	LOONLWASEC69_1 1
2023	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2024	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2025	ALTW	Line	LRDTCO_LI69_1 1
2026	ALTW	Line	LRDTCO_LI69_1 1
2023	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2024	ALTW	Line	LRDTHAYWA69_1 1
2025	ALTW	Line	LRDTHAYWA69_1 1
2025	ALTW	Line	LRDTHAYWA69_1 1
2025	ALTW	Line	LRDTHAYWA69_1 1
2025	ALTW	Line	LRDTHAYWA69_1 1
2025	MP	Line	LTVALASKI_43_1 1
2026	MP	Line	LTVALASKI_43_1 1
2026	MP	Line	LTVALASKI_43_1 1
2023	ALTW/DPC	Line	LUANPOSTV69_1 1
2024	ALTW/DPC	Line	LUANPOSTV69_1 1
2026	ALTW/DPC	Line	LUANPOSTV69_1 1
2024	ALTW	Line	LUCASLACO69_1 1
2023	DPC	Line	LUFKIALMA16_1 1
2023	DPC	Line	LUFKIALMA16_1 1
2024	DPC	Line	LUFKIALMA16_1 1
2024	DPC	Line	LUFKIALMA16_1 1
2024	DPC	Line	LUFKIALMA16_1 1

2024	DPC	Line	LUFKIALMA16_1 1
2024	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIALMA16_1 1
2026	DPC	Line	LUFKIALMA16_1 1
2026	DPC	Line	LUFKIALMA16_1 1
2025	DPC	Line	LUFKIELK_M16_1 1
2025	DPC	Line	LUFKIELK_M16_1 1
2025	DPC	Line	LUFKIELK_M16_1 1
2023	NSP	Transformer	LYON_CO TR1
2024	NSP	Transformer	LYON_CO TR1
2023	NSP	Line	LYON_GRNVA69_1 1
2024	NSP	Line	LYON_GRNVA69_1 1
2025	NSP	Line	LYON_GRNVA69_1 1
2023	NSP	Line	LYON_MARS_11_1 1
2023	NSP	Line	LYON_MARS_11_1 1
2023	NSP	Line	LYON_MARS_11_1 1
2023	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2024	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2025	NSP	Line	LYON_MARS_11_1 1
2024	ALTW	Line	LYON1STANH69_1 1
2025	ALTW	Line	LYON1STANH69_1 1
2025	ALTW	Line	LYON1STANH69_1 1
2024	ALTW	Transformer	M_TOWN TRG1
2023	ALTW	Line	M_TOWN_S_3900 S
2024	ALTW	Line	M_TOWN_S_3900 S
2025	ALTW	Line	M_TOWN_S_3900 S
2025	ALTW	Line	M_TOWN_S_3900 S

2025	NSP	Line	MAIN_FIFTH11_1 1
2025	NSP	Line	MAIN_FIFTH11_1 1
2025	NSP	Line	MAIN_FIFTH11_1 1
2025	NSP	Line	MAIN_FIFTH11_1 1
2026	NSP	Line	MAIN_FIFTH11_1 1
2026	NSP	Line	MAIN_FIFTH11_1 1
2023	NSP	Line	MAIN_MAIN_14_1 S
2023	NSP	Line	MAIN_MAIN_14_1 S
2023	NSP	Line	MAIN_MAIN_14_1 S
2023	NSP	Line	MAIN_MAIN_14_1 S
2024	NSP	Line	MAIN_MAIN_14_1 S
2024	NSP	Line	MAIN_MAIN_14_1 S
2025	NSP	Line	MAIN_MAIN_14_1 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Line	MAIN_MAIN_14_2 S
2024	NSP	Line	MAIN_MAIN_14_2 S
2024	NSP	Line	MAIN_MAIN_14_2 S
2025	NSP	Line	MAIN_MAIN_14_2 S
2023	NSP	Transformer	MANKATEC TR201
2023	NSP	Transformer	MANKATEC TR201
2023	NSP	Transformer	MANKATEC TR201
2023	NSP	Transformer	MANKATEC TR201
2024	NSP	Transformer	MANKATEC TR201
2025	NSP	Transformer	MANKATEC TR201
2023	NSP	Transformer	MANKATEC TRG301
2023	NSP	Transformer	MANKATEC TRG301
2023	NSP	Transformer	MANKATEC TRG301
2024	NSP	Transformer	MANKATEC TRG301
2024	NSP	Transformer	MANKATEC TRG301
2025	NSP	Transformer	MANKATEC TRG301
2025	ALTW	Line	MANLYLIME_69_1 1
2025	ALTW	Line	MANLYLIME_69_1 1
2024	OTP	Transformer	MAPLE_R TR71
2024	OTP	Transformer	MAPLE_R TR71
2025	OTP	Transformer	MAPLE_R TR71
2025	OTP	Transformer	MAPLE_R TR71
2025	OTP	Transformer	MAPLE_R TR71
2025	OTP	Transformer	MAPLE_R TR71
2025	OTP	Transformer	MAPLE_R TR71
2026	OTP	Transformer	MAPLE_R TR71

2023	OTP	Transformer	MAPLE_R TR72
2023	OTP	Transformer	MAPLE_R TR72
2023	OTP	Transformer	MAPLE_R TR72
2023	OTP	Transformer	MAPLE_R TR72
2023	OTP	Transformer	MAPLE_R TR72
2024	OTP	Transformer	MAPLE_R TR72
2024	OTP	Transformer	MAPLE_R TR72
2023	GRE	Transformer	MAPLELK GSU1
2023	GRE	Transformer	MAPLELK GSU1
2023	GRE	Transformer	MAPLELK GSU1
2023	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2024	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2025	GRE	Transformer	MAPLELK GSU1
2026	GRE	Transformer	MAPLELK GSU1
2023	ALTW	Line	MARIOPRAR_11_1 1
2023	ALTW	Line	MARIOPRAR_11_1 1
2024	ALTW	Line	MARIOPRAR_11_1 1
2024	ALTW	Line	MARIOPRAR_11_1 1
2025	ALTW	Line	MARIOPRAR_11_1 1
2025	ALTW	Line	MARIOPRAR_11_1 1
2024	NSP	Line	MARS_MARS_11_2 1
2023	NSP	Transformer	MARS_SW TR2
2023	NSP	Transformer	MARS_SW TR2
2025	NSP	Transformer	MARS_SW TR2
2023	MP	Line	MATURKEEWA_25 1
2025	MP	Line	MATURKEEWA_25 1
2025	MP	Line	MATURKEEWA_25 1
2025	MP	Line	MATURKEEWA_25 1
2026	MP	Line	MATURMNTCJ_25 1
2026	MP	Line	MATURMNTCJ_25 1
2025	NSP	Line	MAYHEGRANC11_1 1
2025	NSP	Line	MAYHEGRANC11_1 1
2025	NSP	Line	MAYHEGRANC11_1 1
2025	NSP	Transformer	MAYHEWNS TR1

2025	ALTW	Line	MAYTAARORA69_1 1
2025	MP	Line	MCARTSHANN23_1 1
2023	GRE	Transformer	MCHENRY TR11
2023	GRE	Transformer	MCHENRY TR11
2023	GRE	Transformer	MCHENRY TR11
2023	GRE	Transformer	MCHENRY TR12
2023	GRE	Transformer	MCHENRY TR12
2024	GRE	Transformer	MCHENRY TR12
2025	GRE	Transformer	MCHENRY TR12
2025	GRE	Line	MCHENVOLTA11_1 1
2024	NSP	Transformer	MCLEODN TR1
2024	NSP	Transformer	MCLEODN TR1
2024	NSP	Transformer	MCLEODN TR1
2025	NSP	Transformer	MCLEODN TR1
2025	NSP	Transformer	MCLEODN TR1
2026	NSP	Transformer	MCLEODN TR1
2026	NSP	Transformer	MCLEODN TR1
2024	NSP	Line	MCLEOGLNCO11_1 1
2024	NSP	Line	MCLEOGLNCO11_1 1
2023	MP	Line	MDWLNBURNE_9 1
2025	MP	Line	MDWLNBURNE_9 1
2025	MP	Line	MDWLNBURNE_9 1
2025	MP	Line	MDWLNBURNE_9 1
2025	MP	Line	MDWLNBURNE_9 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2023	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW/NSP	Line	MEDFROWATN69_1 1
2025	ALTW/NSP	Line	MEDFROWATN69_1 1
2025	ALTW/NSP	Line	MEDFROWATN69_1 1
2025	ALTW/NSP	Line	MEDFROWATN69_1 1
2026	ALTW/NSP	Line	MEDFROWATN69_1 1
2024	ALTW	Line	MEDFRWASEC69_1 1
2024	ALTW	Line	MEDFRWASEC69_1 1

2024	ALTW	Line	MEDFRWASEC69_1 1
2024	ALTW	Line	MEDFRWASEC69_1 1
2025	ALTW	Line	MEDFRWASEC69_1 1
2025	ALTW	Line	MEDFRWASEC69_1 1
2025	ALTW	Line	MEDFRWASEC69_1 1
2025	ALTW	Line	MEDFRWASEC69_1 1
2026	ALTW	Line	MEDFRWASEC69_1 1
2025	ALTW	Line	MEDIANEWPO69_1 1
2025	ALTW	Line	MEDIANEWPO69_1 1
2023	ALTW	Line	MEDIAUSGY69_1 1
2023	ALTW	Line	MEDIAUSGY69_1 1
2024	ALTW	Line	MEDISMEDIT69_1 1
2024	ALTW	Line	MEDISMEDIT69_1 1
2023	NSP	Transformer	MENOMONE TR1
2023	NSP	Transformer	MENOMONE TR1
2023	NSP	Transformer	MENOMONE TR1
2023	NSP	Transformer	MENOMONE TR1
2023	NSP	Transformer	MENOMONE TR1
2024	NSP	Transformer	MENOMONE TR1
2024	NSP	Transformer	MENOMONE TR1
2025	NSP	Transformer	MENOMONE TR1
2024	NSP	Line	MER_PPRIOR11_1 1
2024	NSP	Line	MER_PPRIOR11_1 1
2024	NSP	Line	MER_PPRIOR11_1 1
2023	ALTW	Line	MERIDWASEC69_1 1
2023	ALTW	Line	MERIDWASEC69_1 1
2025	ALTW	Line	MERIDWASEC69_1 1
2025	ALTW	Line	MERIDWASEC69_1 1
2025	ALTW	Line	MERIDWASEC69_1 1
2026	ALTW	Line	MERIDWASEC69_1 1
2024	MP	Line	MERRIRIVR_51 1
2024	MP	Line	MERRIRIVR_51 1
2025	MP	Line	MERRIRIVR_51 1
2025	MP	Line	MERRIRIVR_51 1
2026	MP	Line	MERRIRIVR_51 1
2025	MP	Line	MESATWOISL_1 1
2025	MP	Line	MESATWOISL_1 1
2023	MP	Transformer	MINNTAC TR3
2023	MP	Transformer	MINNTAC TR3
2023	MP	Transformer	MINNTAC TR3
2023	MP	Transformer	MINNTAC TR3
2023	MP	Transformer	MINNTAC TR3
2023	MP	Transformer	MINNTAC TR3
2024	MP	Transformer	MINNTAC TR3

2024	MP/NSP	Line	MINONST_LA16_1 1
2023	NSP	Transformer	MINRVR TR2
2023	NSP	Transformer	MINRVR TR2
2023	NSP	Transformer	MINRVR TR2
2023	NSP	Transformer	MINRVR TR2
2023	NSP	Transformer	MINRVR TR2
2023	NSP	Transformer	MINRVR TR2
2024	NSP	Transformer	MINRVR TR2
2024	NSP	Transformer	MINRVR TR2
2023	NSP	Line	MINVAGRANI11_1 1
2025	NSP	Line	MINVAGRANI11_1 1
2025	NSP	Line	MINVAGRANI11_1 1
2023	NSP	Line	MINVAHNR_T11_1 1
2023	NSP	Line	MINVAHNR_T11_1 1
2025	ALTW	Transformer	MITCHLCO TR21
2024	ALTW	Transformer	MITCHLCO TR22
2024	ALTW	Transformer	MITCHLCO TR22
2025	ALTW	Line	MJCTLORM69_1 1
2025	ALTW	Line	MJCTLORM69_1 1
2025	ALTW	Line	MJCTLORM69_1 1
2025	ALTW	Line	MJCTLORM69_1 1
2023	NSP	Line	MNTCEELM_C34_1 1
2023	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR1
2024	NSP	Transformer	MNTCELO TR1
2024	NSP	Transformer	MNTCELO TR1
2025	NSP	Transformer	MNTCELO TR1
2023	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2025	NSP	Transformer	MNTCELO TR6
2026	NSP	Transformer	MNTCELO TR6
2026	NSP	Transformer	MNTCELO TR6
2026	NSP	Transformer	MNTCELO TR6
2023	ALTW	Transformer	MONTALTW TRCT1
2023	ALTW	Transformer	MONTALTW TRCT1
2025	ALTW	Transformer	MONTALTW TRCT1

2023	ALTW	Line	MONTANEWPR69_1 1
2023	ALTW	Line	MONTANEWPR69_1 1
2023	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2024	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2025	ALTW	Line	MONTANEWPR69_1 1
2026	ALTW	Line	MONTANEWPR69_1 1
2026	ALTW	Line	MONTANEWPR69_1 1
2023	NSP	Line	MOONLS_RID69_1 1
2023	NSP	Line	MOONLS_RID69_1 1
2023	NSP	Line	MOONLS_RID69_1 1
2023	NSP	Line	MOONLS_RID69_1 1
2023	NSP	Line	MOONLS_RID69_1 1
2024	NSP	Line	MOONLS_RID69_1 1
2024	NSP	Line	MOONLS_RID69_1 1
2024	NSP	Line	MOONLS_RID69_1 1
2024	NSP	Line	MOONLS_RID69_1 1
2024	NSP	Line	MOONLS_RID69_1 1
2025	NSP	Line	MOONLS_RID69_1 1
2025	NSP	Line	MOONLS_RID69_1 1
2025	NSP	Line	MOONLS_RID69_1 1
2025	NSP	Line	MOONLS_RID69_1 1
2025	NSP	Line	MOONLS_RID69_1 1
2026	NSP	Line	MOONLS_RID69_1 1
2023	GRE	Line	MORAGRAST69_1 1
2024	GRE	Line	MORAGRAST69_1 1
2023	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2024	OTP	Line	MORRIGRANT11_1 1
2025	OTP	Line	MORRIGRANT11_1 1
2026	OTP	Line	MORRIGRANT11_1 1
2025	OTP	Line	MORRIMORRI11_4 1

2026	OTP	Line	MORRIMORRI11_4 1
2026	OTP	Line	MORRIMORRI11_4 1
2025	ALTW	Line	MOWERADAMS16_1 1
2025	ALTW	Line	MOWERADAMS16_1 1
2023	ALTW	Transformer	MOWERALT TR1
2025	ALTW	Transformer	MOWERALT TR1
2025	NSP/DPC	Line	MRSMLMRSML16_2 1
2025	NSP/DPC	Line	MRSMLMRSML16_2 1
2026	ALTW	Line	MRVAISTT69_1 1
2023	ALTW	Line	MT_LAMT_LA69_1 S
2023	ALTW	Line	MT_LAMT_LA69_1 S
2023	ALTW	Line	MT_LAMT_LA69_1 S
2024	ALTW	Line	MT_LAMT_LA69_1 S
2024	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2025	ALTW	Line	MT_LAMT_LA69_1 S
2023	ALTW	Line	MTLAKMT_LA69_1 1
2023	ALTW	Line	MTLAKMT_LA69_1 1
2023	ALTW	Line	MTLAKMT_LA69_1 1
2023	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2024	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2025	ALTW	Line	MTLAKMT_LA69_1 1
2026	ALTW	Line	MTLAKMT_LA69_1 1
2025	MP/NSP	Line	MUDLABENTO23_1 1
2024	MP	Line	MUDLADEWIN_46 1
2024	MP	Transformer	MUDLAKE TR1
2024	MP	Transformer	MUDLAKE TR1
2025	MP	Transformer	MUDLAKE TR1
2025	SMP/ALTW	Line	MURPHHAYWA16_1 1
2025	SMP/ALTW	Line	MURPHHAYWA16_1 1
2025	SMP/ALTW	Line	MURPHHAYWA16_1 1
2025	SMP/ALTW	Line	MURPHHAYWA16_1 1
2026	SMP/ALTW	Line	MURPHHAYWA16_1 1
2023	ALTW	Line	MUSSISSETT69_1 1

2023	ALTW	Line	MUSSISETT69_1 1
2024	ALTW	Line	MUSSISETT69_1 1
2023	SMP	Line	N_HILDOUG_16_1 1
2023	SMP	Line	N_HILDOUG_16_1 1
2024	SMP	Line	N_HILDOUG_16_1 1
2024	SMP	Line	N_HILDOUG_16_1 1
2024	SMP	Line	N_HILDOUG_16_1 1
2025	SMP	Line	N_HILDOUG_16_1 1
2025	SMP	Line	N_HILDOUG_16_1 1
2025	MP	Line	NASHW14L_T11_1 1
2025	MP	Line	NASHW14L_T11_1 1
2026	MP	Line	NASHW14L_T11_1 1
2024	MP	Line	NASHWNATIO_53 1
2023	ALTW	Line	NEVADFERNA69_1 1
2023	ALTW	Line	NEVADFERNA69_1 1
2023	ALTW	Line	NEVADFERNA69_1 1
2024	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2025	ALTW	Line	NEVADFERNA69_1 1
2026	ALTW	Line	NEVADFERNA69_1 1
2023	NSP	Line	NEW_PNWPR69_1 1
2023	NSP	Line	NEW_PNWPR69_1 1
2025	NSP	Line	NEW_PNWPR69_1 1
2023	ALTW	Transformer	NEWPORT TR1
2023	ALTW	Transformer	NEWPORT TR1
2024	ALTW	Transformer	NEWPORT TR1
2025	ALTW	Transformer	NEWPORT TR1
2025	ALTW	Transformer	NEWPORT TR1
2025	ALTW	Transformer	NEWPORT TR1
2025	ALTW	Line	NEWPOWAPLL69_1 1
2025	ALTW	Line	NEWPOWAPLL69_1 1
2025	ALTW	Line	NEWPOWAPLL69_1 1
2026	ALTW	Line	NEWPOWAPLL69_1 1
2026	ALTW	Line	NEWPOWAPLL69_1 1
2025	ALTW	Line	NEWTOCOLFA69_1 1
2026	ALTW	Line	NEWTOCOLFA69_1 1
2026	ALTW	Line	NEWTOCOLFA69_1 1
2026	ALTW	Line	NEWTOCOLFA69_1 1
2023	NSP	Line	NEWULNEWUL69_2 S
2023	NSP	Line	NEWULNEWUL69_2 S
2023	NSP	Line	NEWULNEWUL69_2 S

2024	NSP	Line	NININROSEM11_1 1
2024	NSP	Line	NININWHAST11_1 1
2026	DPC	Line	NL_DEGRANG16_1 1
2024	ALTW	Line	NLTPN_BUR69_1 1
2025	ALTW	Line	NLTPN_BUR69_1 1
2025	ALTW	Line	NLTPN_BUR69_1 1
2023	NSP	Transformer	NOBLES TR2
2025	NSP	Transformer	NOBLES TR2
2024	NSP	Transformer	NOBLES TR9_2
2024	NSP	Line	NORTHWILMA11_1 1
2024	NSP	Line	NORTHWILMA11_1 1
2025	NSP	Line	NORTHWILMA11_1 1
2023	NSP	Line	NSEVEMARS_11_1 1
2023	NSP	Line	NSEVEMARS_11_1 1
2023	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2024	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2025	NSP	Line	NSEVEMARS_11_1 1
2026	NSP	Line	NSEVEMARS_11_1 1
2026	NSP	Line	NSEVEMARS_11_1 1
2026	NSP	Line	NSEVEMARS_11_1 1
2026	NSP	Line	NSEVEMARS_11_1 1
2023	SMP	Line	NTH-AAUST_69-2 1
2023	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2024	SMP	Line	NTH-AAUST_69-2 1
2025	SMP	Line	NTH-AAUST_69-2 1
2025	SMP	Line	NTH-AAUST_69-2 1

2025	SMP	Line	NTH-AAUST_69-2 1
2025	SMP	Line	NTH-AAUST_69-2 1
2025	SMP	Line	NTH-AAUST_69-2 1
2025	ALTW	Line	NWFFJEFF69_1 1
2025	ALTW	Line	NWFFJEFF69_1 1
2026	ALTW	Line	NWFFJEFF69_1 1
2024	ALTW	Line	NWLTODELMR69_1 1
2024	ALTW	Line	NWLTOPETRV69_1 1
2024	ALTW	Transformer	OAKGLNW TR1
2024	NSP	Transformer	OAKLAKEN TR2
2023	ALTW	Line	ODINODINT69_1 1
2023	ALTW	Line	ODINODINT69_1 1
2023	ALTW	Line	ODINODINT69_1 1
2023	ALTW	Line	ODINODINT69_1 1
2023	ALTW	Line	ODINODINT69_1 1
2023	ALTW	Line	ODINODINT69_1 1
2024	ALTW	Line	ODINODINT69_1 1
2024	ALTW	Line	ODINODINT69_1 1
2024	ALTW	Line	ODINODINT69_1 1
2025	ALTW	Line	ODINODINT69_1 1
2026	ALTW	Line	ODINODINT69_1 1
2026	ALTW	Line	ODINODINT69_1 1
2023	GRE	Line	OGILVMORA69_1 1
2023	GRE	Line	OGILVMORA69_1 1
2023	GRE	Line	OGILVMORA69_1 1
2023	MP	Transformer	OLIVERCO XF_1
2023	MP	Transformer	OLIVERCO XF_1
2023	MP	Transformer	OLIVERCO XF_1
2023	MP	Transformer	OLIVERCO XF_1
2024	MP	Transformer	OLIVERCO XF_1
2024	MP	Transformer	OLIVERCO XF_1
2025	MP	Transformer	OLIVERCO XF_1
2023	OTP	Transformer	OLVR_CO3 TR1
2023	OTP	Transformer	OLVR_CO3 TR1
2025	OTP	Transformer	OLVR_CO3 TR1
2024	ALTW	Line	ORMTTGALEN69_1 1
2024	ALTW	Line	ORMTTGALEN69_1 1
2025	ALTW	Line	ORMTTGALEN69_1 1
2025	ALTW	Line	ORMTTGALEN69_1 1
2025	ALTW	Line	ORMTTGALEN69_1 1
2025	ALTW	Line	ORMTTGALEN69_1 1
2024	ALTW	Line	OSCEFCLD69_1 1
2024	ALTW	Line	OSCEFCLD69_1 1
2024	ALTW	Line	OSCEFCLD69_1 1

2024	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2025	ALTW	Line	OSCEFCLD69_1 1
2026	ALTW	Line	OSCEFCLD69_1 1
2026	ALTW	Line	OSCEFCLD69_1 1
2024	ALTW	Line	OSCRWDBN69_1 1
2024	ALTW	Line	OSCRWDBN69_1 1
2024	ALTW	Line	OSCRWDBN69_1 1
2024	OTP	Line	OSLOFALCO11_1 1
2024	OTP	Line	OSLOFALCO11_1 1
2025	OTP	Line	OSLOFALCO11_1 1
2023	NSP/DPC	Line	OSPRYLAMB69_1 1
2023	NSP/DPC	Line	OSPRYLAMB69_1 1
2023	NSP/DPC	Line	OSPRYLAMB69_1 1
2023	NSP/DPC	Line	OSPRYLAMB69_1 1
2023	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2024	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	NSP/DPC	Line	OSPRYLAMB69_1 1
2026	NSP/DPC	Line	OSPRYLAMB69_1 1
2025	ALTW	Transformer	OTTUMWA T1
2025	ALTW	Transformer	OTTUMWA T1
2025	ALTW	Transformer	OTTUMWA T1
2025	ALTW	Transformer	OTTUMWA T1
2025	ALTW	Transformer	OTTUMWA T1
2025	ALTW	Transformer	OTTUMWA T1
2026	ALTW	Transformer	OTTUMWA T1
2024	ALTW	Line	OTTUSOTT69_1 1
2025	ALTW	Line	OTTUSOTT69_1 1
2025	ALTW	Line	OTTUSOTT69_1 1
2025	ALTW	Line	OTTUSOTT69_1 1

2023	NSP	Transformer	OWATNNA TR-1
2023	NSP	Transformer	OWATNNA TR-1
2024	NSP	Transformer	OWATNNA TR-1
2024	NSP	Transformer	OWATNNA TR-1
2024	NSP	Transformer	OWATNNA TR-1
2025	NSP	Transformer	OWATNNA TR-1
2025	NSP	Transformer	OWATNNA TR-1
2025	NSP	Transformer	OWATNNA TR-1
2024	NSP	Transformer	OWATNNA TR2
2023	ALTW	Line	OXFDIREC69_1 1
2023	ALTW	Line	OXFDIREC69_1 1
2023	ALTW	Line	OXFDIREC69_1 1
2023	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2024	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2025	ALTW	Line	OXFDIREC69_1 1
2024	NSP	Line	PARKEBASSE11_1 1
2024	NSP	Line	PARKEBASSE11_1 1
2024	ALTW	Line	PCIBERTR16_1 1
2025	ALTW	Line	PCIBERTR16_1 1
2025	ALTW	Line	PCIBERTR16_1 1
2025	ALTW	Line	PCIBERTR16_1 1
2023	ALTW	Line	PCIOAKHI69_1 1
2023	ALTW	Line	PCIOAKHI69_1 1
2024	OTP	Line	PEACBRDWD23_1 1
2024	OTP	Line	PEACBRDWD23_1 1
2024	OTP	Line	PEACBRDWD23_1 1
2025	OTP	Line	PEACBRDWD23_1 1
2025	OTP	Line	PEACBRDWD23_1 1
2025	OTP	Line	PEACBRDWD23_1 1
2025	OTP	Line	PEACBRDWD23_1 1
2025	OTP	Line	PEACBRDWD23_1 1
2026	OTP	Line	PEACBRDWD23_1 1
2026	OTP	Line	PEACBRDWD23_1 1
2025	MP	Line	PEARY16L_T11_1 1
2023	OTP	Line	PEL_REDGET11_1 1

2024	OTP	Line	PEL_REDGET11_1 1
2024	OTP	Line	PEL_REDGET11_1 1
2025	OTP	Line	PEL_REDGET11_1 1
2025	OTP	Line	PEL_REDGET11_1 1
2024	OTP	Line	PERHASCHUS11_1 1
2024	OTP	Line	PERHASCHUS11_1 1
2024	OTP	Transformer	PICKERT TR11
2024	OTP	Transformer	PICKERT TR11
2024	OTP	Transformer	PICKERT TR11
2025	NSP	Line	PIKELGLNDA11_1 1
2025	NSP	Line	PIKELGLNDA11_1 1
2025	NSP	Line	PILOTBLK_D11_1 1
2025	NSP	Line	PILOTBLK_D11_1 1
2023	OTP	Line	PILSBASHTB23_1 1
2024	OTP	Line	PILSBASHTB23_1 1
2025	OTP	Line	PILSBASHTB23_1 1
2023	OTP	Line	PILSBMAPLE23_1 1
2023	OTP	Line	PILSBMAPLE23_1 1
2023	OTP	Line	PILSBMAPLE23_1 1
2024	OTP	Line	PILSBMAPLE23_1 1
2024	OTP	Line	PILSBMAPLE23_1 1
2025	OTP	Line	PILSBMAPLE23_1 1
2025	OTP	Line	PILSBMAPLE23_1 1
2026	OTP	Line	PILSBMAPLE23_1 1
2023	NSP	Transformer	PINE_LK TR3
2024	NSP	Transformer	PINE_LK TR3
2024	NSP	Transformer	PINE_LK TR3
2024	NSP	Transformer	PINE_LK TR3
2025	NSP	Transformer	PINE_LK TR3
2025	NSP	Transformer	PINE_LK TR3
2025	NSP	Line	PIPESSPLIT11_1 1
2023	NSP	Transformer	PKFLS TR1
2025	NSP	Transformer	PKFLS TR1
2023	NSP	Transformer	PKFLS TR2
2023	NSP	Transformer	PKFLS TR2
2024	ALTW	Line	PLCNRANG69_1 1
2026	ALTW	Line	PLCNRANG69_1 1
2023	ALTW	Line	PLPLPERL69_1 1
2024	ALTW	Transformer	POWESHK TR1
2023	ALTW	Line	POWESKASER69_1 1
2023	ALTW	Line	POWESKASER69_1 1
2023	ALTW	Line	POWESKASER69_1 1
2023	ALTW	Line	POWESKASER69_1 1

2024	ALTW	Line	POWESKASER69_1 1
2024	ALTW	Line	POWESKASER69_1 1
2024	ALTW	Line	POWESKASER69_1 1
2024	ALTW	Line	POWESKASER69_1 1
2024	ALTW	Line	POWESKASER69_1 1
2024	ALTW	Line	POWESKASER69_1 1
2025	ALTW	Line	POWESKASER69_1 1
2025	ALTW	Line	POWESKASER69_1 1
2023	ALTW	Line	POWESMONTM69_1 1
2023	ALTW	Line	POWESMONTM69_1 1
2023	ALTW	Line	POWESMONTM69_1 1
2024	ALTW	Line	POWESMONTM69_1 1
2024	ALTW	Line	POWESMONTM69_1 1
2024	ALTW	Line	POWESMONTM69_1 1
2025	ALTW	Line	POWESMONTM69_1 1
2025	ALTW	Line	POWESMONTM69_1 1
2025	ALTW	Line	POWESMONTM69_1 1
2025	ALTW	Line	POWESMONTM69_1 1
2024	NSP	Line	PR_ISHAMPT34_1 1
2024	NSP	Line	PR_ISHAMPT34_1 1
2023	NSP	Transformer	PR_ISLD TR1
2023	NSP	Transformer	PR_ISLD TR1
2023	NSP	Transformer	PR_ISLD TR1
2023	NSP	Transformer	PR_ISLD TR1
2025	NSP	Transformer	PR_ISLD TR1
2024	NSP	Transformer	PR_ISLD TR10
2023	NSP	Transformer	PR_ISLD TR2
2023	NSP	Transformer	PR_ISLD TR2
2023	NSP	Transformer	PR_ISLD TR2
2023	NSP	Transformer	PR_ISLD TR2
2023	NSP	Transformer	PR_ISLD TR2
2024	NSP	Transformer	PR_ISLD TR2
2024	NSP	Line	PR_ISREDRO34_1 1
2024	NSP	Line	PR_ISREDRO34_1 1
2025	NSP	Line	PR_ISREDRO34_2 1
2025	NSP	Line	PR_ISREDRO34_2 1
2026	NSP	Line	PR_ISREDRO34_2 1
2023	OTP	Transformer	PRAIRIE2 TR3
2023	OTP	Transformer	PRAIRIE2 TR3
2023	OTP	Transformer	PRAIRIE2 TR3
2023	OTP	Transformer	PRAIRIE2 TR3
2023	OTP	Transformer	PRAIRIE2 TR3
2024	OTP	Transformer	PRAIRIE2 TR3
2024	OTP	Transformer	PRAIRIE2 TR3

2024	ALTW	Line	PRAR_BERTR11_1 1
2024	ALTW	Line	PRAR_BERTR11_1 1
2025	ALTW	Line	PRAR_BERTR11_1 1
2025	ALTW	Line	PRAR_BERTR11_1 1
2025	ALTW	Line	PRAR_BERTR11_1 1
2025	ALTW	Line	PRAR_BERTR11_1 1
2026	ALTW	Line	PRAR_BERTR11_1 1
2025	ALTW	Transformer	PRAR_CK TR2
2025	ALTW	Line	PRAR_M_TOW11_1 1
2025	ALTW	Line	PRAR_M_TOW11_1 1
2026	ALTW	Line	PRAR_M_TOW11_1 1
2026	ALTW	Line	PRAR_M_TOW11_1 1
2025	ALTW	Line	PRAR_SQRD11_1 1
2023	OTP	Line	PRAREBERG69_1 1
2023	OTP	Line	PRAREBERG69_1 1
2023	OTP	Line	PRAREBERG69_1 1
2023	OTP	Line	PRAREBERG69_1 1
2024	OTP	Line	PRAREBERG69_1 1
2024	OTP	Line	PRAREBERG69_1 1
2024	OTP	Line	PRAREBERG69_1 1
2024	OTP	Line	PRAREBERG69_1 1
2024	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2025	OTP	Line	PRAREBERG69_1 1
2023	ALTW/NSP	Line	PRAT_OWATN69_1 1
2023	ALTW/NSP	Line	PRAT_OWATN69_1 1
2023	ALTW/NSP	Line	PRAT_OWATN69_1 1
2023	ALTW/NSP	Line	PRAT_OWATN69_1 1
2024	ALTW/NSP	Line	PRAT_OWATN69_1 1
2023	GRE	Line	PRINCPRINC69_1 1
2023	GRE	Line	PRINCPRINC69_1 1
2023	GRE	Line	PRINCPRINC69_1 1
2023	GRE	Line	PRINCPRINC69_1 1
2024	GRE	Line	PRINCPRINC69_1 1
2025	GRE	Line	PRINCPRINC69_1 1
2025	GRE/NSP	Line	PVLYGBYRO_16_1 1
2025	GRE/NSP	Line	PVLYGBYRO_16_1 1
2026	GRE/NSP	Line	PVLYGBYRO_16_1 1
2023	GRE	Transformer	PVLYGRE GSU11
2023	GRE	Transformer	PVLYGRE GSU11

2024	GRE	Transformer	PVLYGRE GSU11
2024	GRE	Transformer	PVLYGRE GSU11
2024	GRE	Transformer	PVLYGRE GSU11
2024	GRE	Transformer	PVLYGRE GSU11
2025	GRE	Transformer	PVLYGRE GSU11
2023	GRE	Transformer	PVLYGRE GSU12
2023	GRE	Transformer	PVLYGRE GSU13
2024	GRE	Transformer	PVLYGRE GSU13
2024	GRE	Transformer	PVLYGRE GSU13
2023	ALTW	Line	QUINNWWGEN S
2023	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2025	ALTW	Line	QUINNWWGEN S
2026	ALTW	Line	QUINNWWGEN S
2023	NSP	Line	RADISCOUDE69_1 1
2023	NSP	Line	RADISCOUDE69_1 1
2023	NSP	Line	RADISCOUDE69_1 1
2023	NSP	Line	RADISCOUDE69_1 1
2023	NSP	Line	RADISCOUDE69_1 1
2024	NSP	Line	RADISCOUDE69_1 1
2025	NSP	Line	RADISCOUDE69_1 1
2024	GRE	Transformer	RAMSEY TR12
2024	GRE	Transformer	RAMSEY TR12
2023	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPIDCNTUR69_1 1
2024	NSP	Line	RAPIDCNTUR69_1 1
2024	NSP	Line	RAPIDCNTUR69_1 1
2025	NSP	Line	RAPIDCNTUR69_1 1
2023	NSP	Line	RAPTOREDRO11_1 1
2025	NSP	Line	RAPTOREDRO11_1 1
2025	NSP	Line	RAVENPR_IS16_1 1
2025	NSP/ALTW	Line	RCYMAMAGNL16_1 1
2025	NSP	Transformer	REDROCK TR10
2023	NSP	Transformer	REDROCK TR102
2024	NSP	Transformer	REDROCK TR102
2024	NSP	Transformer	REDROCK TR102
2023	NSP	Line	REDWDFRNKL69_1 1

2023	NSP	Line	REDWDFRNKL69_1 1
2023	NSP	Line	REDWDFRNKL69_1 1
2023	NSP	Line	REDWDFRNKL69_1 1
2023	NSP	Line	REDWDFRNKL69_1 1
2023	NSP	Line	REDWDFRNKL69_1 1
2024	NSP	Line	REDWDFRNKL69_1 1
2023	NSP	Transformer	REDWING TR1
2025	NSP	Transformer	REDWING TR1_2
2026	OTP	Line	RGBYORUGBY11_1 1
2026	OTP	Line	RGBYORUGBY11_1 1
2023	OTP	Line	RGHRID_CENTER2 1
2024	OTP	Line	RGHRID_CENTER2 1
2025	OTP	Line	RGHRID_OLIVER3 1
2024	MP	Line	RIVR_BRAIN11_1 1
2024	MP	Line	RIVR_BRAIN11_1 1
2025	MP	Line	RIVR_BRAIN11_1 1
2026	MP	Line	RIVR_BRAIN11_1 1
2023	ALTW	Transformer	RIVRRUN TR2X
2023	ALTW	Transformer	RIVRRUN TR2X
2023	ALTW	Transformer	RIVRRUN TR2X
2023	ALTW	Transformer	RIVRRUN TR2X
2023	ALTW	Transformer	RIVRRUN TR2X
2023	ALTW	Transformer	RIVRRUN TR2X
2024	ALTW	Transformer	RIVRRUN TR2X
2023	NSP	Line	RIVRSFIFTH11_1 1
2023	NSP	Line	RIVRSFIFTH11_1 1
2023	NSP	Line	RIVRSFIFTH11_1 1
2023	NSP	Transformer	RIVRSID TRG7
2023	NSP	Transformer	RIVRSID TRG9
2023	NSP	Transformer	RIVRSID TRG9
2024	NSP	Transformer	RIVRSID TRG9
2024	NSP	Transformer	RIVRSID TRG9
2025	NSP	Line	RIVRSMOORE11_1 1
2025	NSP	Line	RIVRSMOORE11_1 1
2024	NSP	Transformer	RIVRVIEW TR1
2023	ALTW	Line	RLNDFERNA69_1 1
2025	ALTW	Line	RLNDFERNA69_1 1
2025	ALTW	Line	RLNDFERNA69_1 1
2026	ALTW	Line	ROCCWILT69_1 1
2023	NSP	Transformer	ROCK_CO TR1
2023	NSP	Transformer	ROCK_CO TR1
2024	NSP/MP	Line	ROCKCBEARC23_1 1
2024	NSP/MP	Line	ROCKCBEARC23_1 1
2025	NSP/MP	Line	ROCKCBEARC23_1 1

2023	NSP	Transformer	ROCKCK TR1
2023	NSP	Transformer	ROCKCK TR1
2023	NSP	Transformer	ROCKCK TR1
2024	NSP	Transformer	ROCKCK TR1
2024	NSP	Transformer	ROCKCK TR1
2024	GRE	Transformer	ROCKLAKE GSU1
2024	GRE	Transformer	ROCKLAKE GSU1
2024	GRE	Transformer	ROCKLAKE GSU1
2024	GRE	Transformer	ROCKLAKE GSU1
2025	GRE	Transformer	ROCKLAKE GSU1
2025	GRE	Transformer	ROCKLAKE GSU1
2025	GRE	Transformer	ROCKLAKE GSU1
2025	GRE	Transformer	ROCKLAKE GSU1
2025	GRE	Transformer	ROCKLAKE GSU1
2026	GRE	Transformer	ROCKLAKE GSU1
2026	GRE	Transformer	ROCKLAKE GSU1
2024	NSP	Line	ROGRSAIRPR11_1 1
2023	NSP	Line	ROGRSHIBRD11_1 1
2023	NSP	Line	ROGRSHIBRD11_1 1
2026	NSP	Line	ROGRSSTCKY11_1 1
2023	ALTW	Line	ROQUETE_S_8661 S
2023	ALTW	Line	ROQUETE_S_8661 S
2024	ALTW	Line	ROQUETE_S_8661 S
2024	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2025	ALTW	Line	ROQUETE_S_8661 S
2026	ALTW	Line	ROQUETE_S_8661 S
2023	MP	Line	ROSEARICHE23_1 1
2023	MP	Line	ROSEARICHE23_1 1
2024	ALTW	Line	RRSTSHRT69_1 1
2024	ALTW	Line	RRSTSHRT69_1 1
2024	OTP	Transformer	RUGBY230 TR12
2024	OTP	Transformer	RUGBY230 TR12
2024	OTP	Transformer	RUGBY230 TR12
2025	OTP	Transformer	RUGBY230 TR12
2025	OTP	Transformer	RUGBY230 TR12
2026	OTP	Transformer	RUGBY230 TR12
2024	NSP	Line	RUSHNROCKC23_1 1
2024	NSP	Line	RUSHNROCKC23_1 1
2024	NSP	Line	RUSHNROCKC23_1 1

2025	NSP	Line	RUSHNROCKC23_1 1
2025	NSP	Line	RUSHNROCKC23_1 1
2025	NSP	Line	RUSHNROCKC23_1 1
2026	NSP	Line	RUSHNROCKC23_1 1
2026	NSP	Line	RUSHNROCKC23_1 1
2024	ALTW	Transformer	RUTLAND T1
2025	ALTW	Transformer	RUTLAND T2
2025	ALTW	Transformer	RUTLAND T2
2025	ALTW	Transformer	RUTLAND T2
2025	ALTW	Transformer	RUTLAND T2
2026	ALTW	Transformer	RUTLAND T2
2023	ALTW	Line	RUTLATRUMA69_1 1
2023	ALTW	Line	RUTLATRUMA69_1 1
2023	ALTW	Line	RUTLATRUMA69_1 1
2023	ALTW	Line	RUTLATRUMA69_1 1
2023	ALTW	Line	RUTLATRUMA69_1 1
2023	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2024	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	RUTLATRUMA69_1 1
2026	ALTW	Line	RUTLATRUMA69_1 1
2026	ALTW	Line	RUTLATRUMA69_1 1
2025	ALTW	Line	S_STOSUMM69_1 1
2025	ALTW	Line	S_STOSUMM69_1 1
2024	NSP	Line	S109PKFLS11_1 1
2024	NSP	Line	S109PKFLS11_1 1
2024	NSP	Line	S109PKFLS11_1 1
2024	NSP	Line	S109PKFLS11_1 1
2025	NSP	Line	S109PKFLS11_1 1
2023	NSP	Line	S124FISHR11_1 1
2024	NSP	Line	S124FISHR11_1 1
2024	NSP	Line	S124FISHR11_1 1

2024	NSP	Line	S145LKCRY69_1 1
2025	NSP	Line	S145LKCRY69_1 1
2024	NSP	Line	S33STCLO11_1 1
2025	NSP	Line	S33STCLO11_1 1
2023	NSP	Line	S37GROVE69_1 1
2023	NSP	Line	S37GROVE69_1 1
2024	NSP	Line	S37GROVE69_1 1
2024	NSP	Line	S7KOCHR11_1 1
2024	NSP	Line	S7KOCHR11_1 1
2024	ALTW	Line	SALEMQOKE16_1 1
2025	ALTW	Line	SALESALEM16_1 1
2025	ALTW	Line	SALESALEM16_1 1
2023	ALTW	Line	SALTTMUSS69_1 1
2023	ALTW	Line	SALTTMUSS69_1 1
2024	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2025	ALTW	Line	SALTTMUSS69_1 1
2026	ALTW	Line	SALTTMUSS69_1 1
2026	ALTW	Line	SALTTMUSS69_1 1
2023	ALTW	Transformer	SARATMGE TR1
2026	ALTW	Transformer	SARATMGE TR1
2023	NSP	Transformer	SBMNSP TR1
2023	NSP	Transformer	SBMNSP TR1
2023	NSP	Transformer	SBMNSP TR1
2024	NSP	Transformer	SBMNSP TR1
2025	NSP	Transformer	SBMNSP TR1
2025	NSP	Transformer	SCOTTCO TR10
2025	NSP	Transformer	SCOTTCO TR10
2025	NSP	Transformer	SCOTTCO TR10
2025	NSP	Transformer	SCOTTCO TR10
2023	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2025	NSP	Line	SCOTTSCOTT11_1 1
2026	NSP	Line	SCOTTSCOTT11_1 1
2023	OTP	Line	SCRIBWILTO11_1 1

2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2025	ALTW	Line	SHRTHILLS69_1 1
2026	ALTW	Line	SHRTHILLS69_1 1
2026	ALTW	Line	SHRTHILLS69_1 1
2023	SMP	Transformer	SILVR_L TR4
2023	SMP	Transformer	SILVR_L TR4
2024	SMP	Transformer	SILVR_L TR4
2025	SMP	Transformer	SILVR_L TR4
2024	ALTW	Line	SLAKLORR69_1 1
2024	ALTW	Line	SLAKLORR69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2025	ALTW	Line	SLAKSSLAKN69_1 1
2026	ALTW	Line	SLAKSSLAKN69_1 1
2023	NSP	Line	SLEEPSLEYE69_1 1
2023	NSP	Line	SLEEPSLEYE69_1 1
2023	NSP	Line	SLEEPSLEYE69_1 1
2025	OTP	Transformer	SLWAYOTP TR1
2023	ALTW	Line	SO_SULOIS69_1 1
2024	ALTW	Line	SO_SULOIS69_1 1
2024	ALTW	Line	SO_SULOIS69_1 1
2025	ALTW	Line	SO_SULOIS69_1 1
2025	ALTW	Line	SO_SULOIS69_1 1
2025	ALTW	Line	SOCTRAPANO69_1 1
2025	ALTW	Line	SOCTRAPANO69_1 1
2026	ALTW	Line	SOCTRAPANO69_1 1
2026	ALTW	Line	SOCTRAPANO69_1 1
2023	ALTW	Line	SOCTRN_CEN69_1 1
2023	ALTW	Line	SOCTRN_CEN69_1 1
2023	ALTW	Line	SOCTRN_CEN69_1 1
2023	ALTW	Line	SOCTRN_CEN69_1 1
2023	ALTW	Line	SOCTRN_CEN69_1 1
2024	ALTW	Line	SOCTRN_CEN69_1 1
2024	ALTW	Line	SOCTRN_CEN69_1 1
2025	ALTW	Line	SOCTRN_CEN69_1 1

2025	ALTW	Line	SOCTRN_CEN69_1 1
2025	ALTW	Line	SOCTRN_CEN69_1 1
2023	GRE	Line	SOURIMINOT11_1 1
2023	GRE	Line	SOURIMINOT11_1 1
2023	GRE	Line	SOURIMINOT11_1 1
2026	GRE	Line	SOURIMINOT11_1 1
2024	NSP	Transformer	SOUTHBND TR6
2024	NSP	Transformer	SOUTHBND TR6
2024	NSP	Transformer	SOUTHBND TR6
2025	OTP	Line	SPIRIAVIKO11_1 1
2024	OTP	Line	SPIRIJMSTN11_1 1
2024	OTP	Line	SPIRIJMSTN11_1 1
2024	NSP	Transformer	SPLIT_R TR11
2024	NSP	Transformer	SPLIT_R TR11_2
2024	NSP	Transformer	SPLIT_R TR6
2024	NSP	Transformer	SPLIT_R TR6
2024	NSP	Transformer	SPLIT_R TR6
2024	NSP	Transformer	SPLIT_R TR6
2024	NSP	Transformer	SPLIT_R TR6
2025	NSP	Transformer	SPLIT_R TR6
2025	NSP	Transformer	SPLIT_R TR6
2026	NSP	Transformer	SPLIT_R TR6
2026	NSP	Transformer	SPLIT_R TR6
2025	NSP	Transformer	SPLIT_R TR7
2025	NSP	Transformer	SPLIT_R TR7
2026	NSP	Line	SPLITLAWRE11_2 1
2025	DPC/ALTW	Line	SPRINSPRVA69_1 1
2025	DPC/ALTW	Line	SPRINSPRVA69_1 1
2025	DPC/ALTW	Line	SPRINSPRVA69_1 1
2023	ALTW	Line	SPRVASTEWW69_1 1
2024	ALTW	Line	SPRVASTEWW69_1 1
2024	ALTW	Line	SPRVASTEWW69_1 1
2024	ALTW	Line	SPRVASTEWW69_1 1
2023	OTP	Line	SQBUTCENTE23_1 1
2024	OTP	Line	SQBUTCENTE23_1 1
2024	OTP	Line	SQBUTCENTE23_1 1
2024	OTP	Line	SQBUTCENTE23_1 1
2024	OTP	Line	SQBUTCENTE23_1 1
2025	OTP	Line	SQBUTCENTE23_1 1
2025	OTP	Line	SQBUTCENTE23_1 1
2025	OTP	Line	SQBUTCENTE23_1 1
2025	OTP	Line	SQBUTCENTE23_1 1
2026	OTP	Line	SQBUTCENTE23_1 1
2026	OTP	Line	SQBUTCENTE23_1 1
2024	MP	Line	SQBUTTE_P1AC S

2025	MP	Line	SQBUTTE_P1AC S
2025	MP	Line	SQBUTTE_P1AC S
2025	MP	Line	SQBUTTE_P1AC S
2025	MP	Line	SQBUTTE_P1AC S
2023	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2024	OTP	Line	SQBUTTEWYOUNG2 S
2025	OTP	Line	SQBUTTEWYOUNG2 S
2025	OTP	Line	SQBUTTEWYOUNG2 S
2025	OTP	Line	SQBUTTEWYOUNG2 S
2026	OTP	Line	SQBUTTEWYOUNG2 S
2023	NSP	Line	ST_BODICKN11_1 1
2025	NSP	Line	ST_BODICKN11_1 1
2025	NSP	Line	ST_BODICKN11_1 1
2023	GRE	Transformer	ST_BONIG TR3
2023	GRE	Transformer	ST_BONIG TR3
2024	GRE	Transformer	ST_BONIG TR3
2024	GRE	Transformer	ST_BONIG TR3
2025	GRE	Transformer	ST_BONIG TR3
2025	NSP	Line	ST_BOWESTW11_1 1
2025	NSP	Line	ST_BOWESTW11_1 1
2025	NSP	Line	ST_BOWESTW11_1 1
2025	NSP	Line	ST_BOWESTW11_1 1
2025	NSP	Line	ST_BOWESTW11_1 1
2026	NSP	Line	ST_BOWESTW11_1 1
2026	NSP	Line	ST_BOWESTW11_1 1
2023	NSP	Transformer	ST_CROIX TR5
2023	NSP	Transformer	ST_CROIX TR5
2023	NSP	Transformer	ST_CROIX TR5
2024	NSP	Transformer	ST_CROIX TR5
2025	NSP	Transformer	ST_CROIX TR5
2024	NSP	Transformer	ST_LAKE TR9
2024	NSP	Transformer	ST_LAKE TR9
2025	NSP	Transformer	ST_LAKE TR9
2025	NSP	Transformer	ST_LAKE TR9
2025	NSP	Transformer	ST_LAKE TR9
2026	NSP	Transformer	ST_LAKE TR9
2026	NSP	Transformer	ST_LAKE TR9

2025	NSP/DPC	Line	ST_LAWASHC16_1 1
2025	ALTW	Line	STANHOP_S_LD1 1
2023	NSP	Transformer	STCLOUD TR2
2023	NSP	Transformer	STCLOUD TR2
2024	NSP	Transformer	STCLOUD TR2
2024	NSP	Transformer	STCLOUD TR2
2025	NSP	Transformer	STCLOUD TR2
2026	ALTW	Line	STEWVSTWRT69_1 1
2026	ALTW	Line	STEWVSTWRT69_1 1
2023	MP	Line	STINSDAHLB11_1 1
2023	MP	Line	STINSDAHLB11_1 1
2023	MP	Line	STINSDAHLB11_1 1
2023	MP	Line	STINSDAHLB11_1 1
2023	MP	Line	STINSDAHLB11_1 1
2025	MP	Line	STINSDAHLB11_1 1
2025	MP	Line	STINSDAHLB11_1 1
2025	MP	Line	STINSDAHLB11_1 1
2025	MP	Line	STINSDAHLB11_1 1
2025	MP	Transformer	STINSON PH_SFT_1
2025	MP	Transformer	STINSON PH_SFT_1
2024	MP	Transformer	STINSON TR6
2024	NSP/ALTW	Line	STJ_EMADLI69_1 1
2024	NSP/ALTW	Line	STJ_EMADLI69_1 1
2025	NSP/ALTW	Line	STJ_EMADLI69_1 1
2025	NSP/ALTW	Line	STJ_EMADLI69_1 1
2025	NSP/ALTW	Line	STJ_EMADLI69_1 1
2025	NSP/ALTW	Line	STJ_EMADLI69_1 1
2025	NSP/ALTW	Line	STJ_EMADLI69_1 1
2024	NSP	Line	STLS_EDINA11_1 1
2025	NSP	Line	STLS_EDINA11_1 1
2025	NSP	Line	STLS_EDINA11_1 1
2025	NSP	Line	STLS_EDINA11_1 1
2023	ALTW	Line	STON_6_ST11_1 1
2024	ALTW	Line	STON_6_ST11_1 1
2023	DPC	Line	STONEBEETO69_1 1
2023	DPC	Line	STONEBEETO69_1 1
2023	DPC	Line	STONEBEETO69_1 1
2023	DPC	Line	STONEBEETO69_1 1
2023	DPC	Transformer	STONEMAN AT_1
2025	DPC	Line	STONEMILLV69_1 1
2024	DPC	Line	STONENELSN16_1 1
2024	DPC	Line	STONENELSN16_1 1
2024	NSP	Line	STSTPFISHR11_1 1
2025	NSP	Line	STSTPFISHR11_1 1

2025	NSP	Line	STSTPFISHR11_1 1
2024	ALTW	Line	SVEADBUTRF69_1 1
2024	ALTW	Line	SVEADBUTRF69_1 1
2025	ALTW	Line	SVEADBUTRF69_1 1
2025	ALTW	Line	SVEADBUTRF69_1 1
2026	ALTW	Line	SVEADBUTRF69_1 1
2024	NSP	Line	SWAN_WILMA11_1 1
2024	NSP	Line	SWAN_WILMA11_1 1
2025	NSP	Line	SWAN_WILMA11_1 1
2025	NSP	Line	SWAN_WILMA11_1 1
2026	ALTW	Line	SWISAFAIRF69_1 1
2026	ALTW	Line	SWISAFAIRF69_1 1
2023	MP	Transformer	TAC_HBR TR1
2023	MP	Transformer	TAC_HBR TR1
2023	MP	Transformer	TAC_HBR TR1
2024	MP	Transformer	TAC_HBR TR1
2025	MP	Transformer	TAC_HBR TR1
2023	MP	Transformer	TAC_HBR TR2
2025	MP	Transformer	TAC_HBR TR4
2025	MP	Transformer	TAC_HBR TR4
2025	MP	Line	TACHTWOISL_177 1
2025	MP	Line	TACHTWOISL_177 1
2026	MP	Line	TACHTWOISL_177 1
2026	MP	Line	TACHTWOISL_177 1
2023	OTP	Line	TAMARLAKEW11_1 1
2023	NSP	Transformer	TERMINL TR10
2024	NSP	Transformer	TERMINL TR10
2025	NSP	Transformer	TERMINL TR10
2025	NSP	Transformer	TERMINL TR10
2024	ALTW	Transformer	THISIUS T1
2024	ALTW	Transformer	THISIUS T1
2023	ALTW	Line	THISIWALTE69_1 1
2024	ALTW	Line	THISIWALTE69_1 1
2024	ALTW	Line	THISIWALTE69_1 1
2024	ALTW	Line	THISIWALTE69_1 1
2024	ALTW	Line	THISIWALTE69_1 1
2025	ALTW	Line	THISIWALTE69_1 1
2025	ALTW	Line	THISIWALTE69_1 1
2023	MP	Line	THOMSPOTLT11_1 1
2023	MP	Line	THOMSPOTLT11_1 1
2023	MP	Line	THOMSPOTLT11_1 1
2023	MP	Line	THOMSPOTLT11_1 1
2024	MP	Line	THOMSPOTLT11_1 1
2024	MP	Line	THOMSPOTLT11_1 1

2024	MP	Line	THOMSPOTLT11_1 1
2024	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2025	MP	Line	THOMSPOTLT11_1 1
2026	MP	Line	THOMSPOTLT11_1 1
2026	MP	Line	THOMSPOTLT11_1 1
2023	ALTW	Line	TIMBRMTOWN16_1 1
2025	ALTW	Line	TIMBRMTOWN16_1 1
2026	ALTW	Line	TIMBRMTOWN16_1 1
2026	ALTW	Line	TIMBRMTOWN16_1 1
2026	ALTW	Line	TIMBRMTOWN16_1 1
2023	ALTW	Line	TIPTNBENN69_1 1
2023	ALTW	Line	TIPTNBENN69_1 1
2025	ALTW	Line	TIPTNBENN69_1 1
2025	ALTW	Line	TIPTNBENN69_1 1
2025	ALTW	Line	TIPTNBENN69_1 1
2026	ALTW	Line	TIPTNBENN69_1 1
2023	ALTW	Transformer	TRAER T1
2023	ALTW	Transformer	TRAER T1
2024	ALTW	Transformer	TRAER T1
2024	ALTW	Transformer	TRAER T1
2024	ALTW	Transformer	TRAER T1
2024	ALTW	Transformer	TRAER T1
2024	ALTW	Transformer	TRAER T1
2025	ALTW	Transformer	TRAER T1
2025	ALTW	Transformer	TRAER T1
2024	ALTW	Line	TRAJTRAER69_1 1
2024	ALTW	Line	TRAJTRAER69_1 1
2025	ALTW	Line	TRAJTRAER69_1 1
2025	ALTW	Line	TRAJTRAER69_1 1
2025	ALTW	Line	TRAJTRAER69_1 1
2025	ALTW	Line	TRAJTRAER69_1 1
2026	ALTW	Line	TRAJTRAER69_1 1
2026	ALTW	Line	TRAJTRAER69_1 1
2026	ALTW	Line	TRAJTRAER69_1 1
2026	ALTW	Line	TRAJTRAER69_1 1
2023	MP	Transformer	TRCOUNTY XF_1
2023	MP	Transformer	TRCOUNTY XF_1
2023	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1

2024	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1
2024	MP	Transformer	TRCOUNTY XF_1
2025	MP	Transformer	TRCOUNTY XF_1
2025	MP	Transformer	TRCOUNTY XF_1
2023	MP	Transformer	TRCOUNTY XF_2
2024	MP	Transformer	TRCOUNTY XF_2
2024	MP	Transformer	TRCOUNTY XF_2
2024	MP	Transformer	TRCOUNTY XF_2
2024	MP	Transformer	TRCOUNTY XF_2
2024	MP	Transformer	TRCOUNTY XF_2
2025	MP	Transformer	TRCOUNTY XF_2
2025	MP	Transformer	TRCOUNTY XF_2
2025	MP	Transformer	TRCOUNTY XF_2
2026	MP	Transformer	TRCOUNTY XF_2
2024	NSP	Line	TREMVSEVMI16_1 1
2024	NSP	Line	TREMVSEVMI16_1 1
2025	NSP	Line	TREMVSEVMI16_1 1
2023	ALTW	Transformer	TRIBOJI T1
2024	ALTW	Transformer	TRIBOJI T1
2025	ALTW	Transformer	TRIBOJI T1
2023	ALTW	Line	TRUROWHITO69_1 1
2025	ALTW	Line	TRUROWHITO69_1 1
2023	OTP	Transformer	TTNKARDG TR_GSU
2023	OTP	Transformer	TTNKARDG TR_GSU
2023	OTP	Transformer	TTNKARDG TR_GSU
2023	OTP	Transformer	TTNKARDG TR_GSU
2024	OTP	Transformer	TTNKARDG TR_GSU
2024	OTP	Transformer	TTNKARDG TR_GSU
2025	OTP	Transformer	TTNKARDG TR_GSU
2025	OTP	Transformer	TTNKARDG TR_GSU
2025	OTP	Transformer	TTNKARDG TR_GSU
2026	OTP	Transformer	TTNKARDG TR_GSU
2023	NSP	Transformer	UILKNSP TR1
2023	NSP	Transformer	UILKNSP TR1
2023	NSP	Transformer	UILKNSP TR1
2023	NSP	Transformer	UILKNSP TR1
2023	NSP	Transformer	UILKNSP TR1
2024	NSP	Transformer	UILKNSP TR1
2024	NSP	Transformer	UILKNSP TR1
2025	NSP	Transformer	UILKNSP TR1

2025	NSP	Line	VADNAVADNA11_1 1
2025	NSP	Line	VADNAVADNA11_1 1
2025	NSP	Line	VADNAVADNA11_1 1
2025	NSP	Line	VADNAVADNA11_1 1
2023	NSP	Transformer	VELVANSP TR1
2023	NSP	Transformer	VELVANSP TR1
2023	NSP	Transformer	VELVANSP TR1
2023	NSP	Transformer	VELVANSP TR1
2023	NSP	Transformer	VELVANSP TR1
2024	NSP	Transformer	VELVANSP TR1
2024	NSP	Transformer	VELVANSP TR1
2025	MP	Line	VIRGNMINNT11_1 1
2023	ALTW	Line	W_BRCGRAHA69_1 1
2024	ALTW	Line	W_KEOROQUE69_1 1
2024	NSP	Transformer	W_TRIDGE TR1
2025	NSP	Transformer	W_TRIDGE TR1
2023	ALTW/NSP	Line	WABASS11969_1 1
2024	ALTW/NSP	Line	WABASS11969_1 1
2025	ALTW/NSP	Line	WABASS11969_1 1
2025	ALTW	Line	WABASWATRB69_1 1
2025	ALTW	Line	WABASWATRB69_1 1
2023	OTP	Transformer	WAHPETN TR11
2023	OTP	Transformer	WAHPETN TR11
2023	OTP	Transformer	WAHPETN TR11
2023	OTP	Transformer	WAHPETN TR11
2023	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2024	OTP	Transformer	WAHPETN TR11
2025	OTP	Transformer	WAHPETN TR11
2023	OTP	Transformer	WAHPETN TR12
2023	OTP	Transformer	WAHPETN TR12
2023	OTP	Transformer	WAHPETN TR12
2023	OTP	Transformer	WAHPETN TR12
2023	OTP	Transformer	WAHPETN TR13
2025	OTP	Transformer	WAHPETN TR13
2025	NSP	Line	WAKEFS5111_1 1
2023	ALTW	Line	WANDAWATRB69_1 1
2023	ALTW	Line	WANDAWATRB69_1 1
2024	ALTW	Line	WANDAWATRB69_1 1
2024	ALTW	Line	WANDAWATRB69_1 1

2024	ALTW	Line	WANDAWATRB69_1 1
2024	ALTW	Line	WANDAWATRB69_1 1
2024	ALTW	Line	WANDAWATRB69_1 1
2024	ALTW	Line	WANDAWATRB69_1 1
2025	ALTW	Line	WANDAWATRB69_1 1
2025	ALTW	Line	WANDAWATRB69_1 1
2026	ALTW	Line	WANDAWATRB69_1 1
2026	ALTW	Line	WANDAWATRB69_1 1
2025	ALTW	Line	WAPELELDN69_1 1
2025	ALTW	Line	WAPELELDN69_1 1
2024	OTP	Transformer	WARSAW TR11
2024	OTP	Transformer	WARSAW TR11
2025	OTP	Transformer	WARSAW TR11
2025	OTP	Transformer	WARSAW TR11
2025	OTP	Transformer	WARSAW TR11
2025	OTP	Transformer	WARSAW TR11
2026	OTP	Transformer	WARSAW TR11
2023	ALTW	Line	WASECFRLKT69_1 1
2023	ALTW	Line	WASECFRLKT69_1 1
2024	ALTW	Line	WASECFRLKT69_1 1
2024	ALTW	Line	WASECFRLKT69_1 1
2023	ALTW	Line	WASECMERID69_1 1
2024	ALTW	Line	WASECMERID69_1 1
2024	ALTW	Line	WASECMERID69_1 1
2024	ALTW	Line	WASECMERID69_1 1
2025	ALTW	Line	WASECMERID69_1 1
2025	ALTW	Line	WASECMERID69_1 1
2026	ALTW	Line	WASECMERID69_1 1
2023	DPC	Line	WBGOWLINDE69_1 1
2023	DPC	Line	WBGOWLINDE69_1 1
2024	ALTW	Line	WBINGMT_LA69_1 1
2024	ALTW	Line	WBINGMT_LA69_1 1
2024	ALTW	Line	WBINGMT_LA69_1 1
2024	ALTW	Line	WBINGMT_LA69_1 1
2025	ALTW	Transformer	WELSBRG T1
2026	ALTW	Transformer	WELSBRG T1
2026	ALTW	Transformer	WELSBRG T1
2023	SMP	Transformer	WESTSIDE GSU1
2023	SMP	Transformer	WESTSIDE GSU1
2023	SMP	Transformer	WESTSIDE GSU1
2023	SMP	Transformer	WESTSIDE GSU1
2024	SMP	Transformer	WESTSIDE GSU1
2024	SMP	Transformer	WESTSIDE GSU1
2024	SMP	Transformer	WESTSIDE GSU1

2025	SMP	Transformer	WESTSIDE GSU1
2025	SMP	Transformer	WESTSIDE GSU1
2025	NSP	Transformer	WHEATON2 TR11
2023	NSP	Transformer	WHEATON2 TR36
2023	NSP	Transformer	WHEATON2 TR36
2024	NSP	Line	WIL_RKING11_1 1
2024	NSP	Line	WIL_RKING11_1 1
2026	NSP	Line	WIL_RKING11_1 1
2023	ALTW	Line	WILDELAKFL69_1 1
2023	ALTW	Line	WILDELAKFL69_1 1
2024	ALTW	Line	WILDELAKFL69_1 1
2025	ALTW	Line	WILDELAKFL69_1 1
2025	GRE	Line	WILLMGRANI23_1 1
2025	NSP	Line	WILMAEASTW11_1 1
2025	NSP	Line	WILMAEASTW11_1 1
2025	NSP	Line	WILMAEASTW11_1 1
2025	NSP	Line	WILMAEASTW11_1 1
2024	NSP	Line	WILMAMANKA11_1 1
2025	NSP	Line	WILMAMANKA11_1 1
2025	NSP	Line	WILMAMANKA11_1 1
2025	NSP	Line	WILMAMANKA11_1 1
2025	NSP	Line	WILMAMANKA11_1 1
2026	NSP	Line	WILMAMANKA11_1 1
2026	NSP	Line	WILMAMANKA11_1 1
2026	NSP	Line	WILMAMANKA11_1 1
2025	NSP	Line	WILMAMANKA11_2 1
2025	NSP	Line	WILMAMANKA11_2 1
2025	NSP	Line	WILMAMANKA11_2 1
2025	NSP	Line	WILMAMANKA34_1 1
2025	NSP	Line	WILMAMANKA34_1 1
2025	NSP	Line	WILMAMANKA34_1 1
2025	NSP	Line	WILMAMANKA34_1 1
2026	NSP	Line	WILMAMANKA34_1 1
2026	NSP	Line	WILMAMANKA34_1 1
2023	NSP	Transformer	WILMART TR1
2024	NSP	Transformer	WILMART TR10
2024	NSP	Transformer	WILMART TR10
2023	NSP	Transformer	WILMART TR2X
2023	NSP	Transformer	WILMART TR2X
2023	NSP	Transformer	WILMART TR2X
2023	NSP	Transformer	WILMART TR2X
2024	NSP	Transformer	WILMART TR9
2025	NSP	Transformer	WILMART TR9
2025	NSP	Transformer	WILMART TR9

2025	NSP	Transformer	WILMART TR9
2025	NSP	Transformer	WILMART TR9
2026	NSP	Transformer	WILMART TR9
2024	NSP	Transformer	WILMART TR9_2
2024	NSP	Transformer	WILMART TR9_2
2024	NSP	Transformer	WILMART TR9_2
2024	NSP	Transformer	WILMART TR9_2
2024	NSP	Transformer	WILMART TR9_2
2024	NSP	Transformer	WILMART TR9_2
2025	NSP	Transformer	WILMART TR9_2
2025	NSP	Transformer	WILMART TR9_2
2025	NSP	Transformer	WILMART TR9_2
2025	NSP	Transformer	WILMART TR9_2
2026	NSP	Transformer	WILMART TR9_2
2023	NSP	Line	WILMASUMMT11_1 1
2023	NSP	Line	WILMASUMMT11_1 1
2023	NSP	Line	WILMASUMMT11_1 1
2023	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2024	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2025	NSP	Line	WILMASUMMT11_1 1
2026	NSP	Line	WILMASUMMT11_1 1
2026	NSP	Line	WILMASUMMT11_1 1
2026	NSP	Line	WILSONINE_11_1 1
2025	ALTW	Transformer	WINDSOR T-347
2025	ALTW	Line	WINDSWUNIO69_1 1
2023	ALTW	Line	WINDTLAKES69_1 1
2023	ALTW	Line	WINDTLAKES69_1 1
2023	ALTW	Line	WINDTLAKES69_1 1
2024	ALTW	Line	WINDTLAKES69_1 1
2025	ALTW	Line	WINDTLAKES69_1 1
2025	ALTW	Line	WINDTLAKES69_1 1

2025	ALTW	Line	WINDTLAKES69_1 1
2026	ALTW	Line	WINDTLAKES69_1 1
2026	ALTW	Line	WINDTLAKES69_1 1
2023	MP	Line	WINGRVERND11_1 1
2023	MP	Line	WINGRVERND11_1 1
2023	MP	Line	WINGRVERND11_1 1
2023	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2024	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2025	MP	Line	WINGRVERND11_1 1
2026	MP	Line	WINGRVERND11_1 1
2026	MP	Line	WINGRVERND11_1 1
2025	ALTW	Line	WINNBCPLS69_1 1
2025	ALTW	Line	WINNBCPLS69_1 1
2025	ALTW	Line	WINNBCPLS69_1 1
2026	ALTW	Line	WINNBCPLS69_1 1
2026	ALTW	Line	WINNBCPLS69_1 1
2023	NSP	Transformer	WISSOTA TR3
2023	NSP	Transformer	WISSOTA TR3
2023	NSP	Transformer	WISSOTA TR3
2025	NSP	Transformer	WISSOTA TR3
2023	NSP	Transformer	WISSOTA TR4
2023	NSP	Transformer	WISSOTA TR4
2024	NSP	Transformer	WISSOTA TR4
2025	NSP	Transformer	WISSOTA TR4
2024	ALTW	Line	WNSSWINDO69_1 1
2024	ALTW	Line	WNSSWINDO69_1 1
2025	ALTW	Line	WNSSWINDO69_1 1
2025	ALTW	Line	WNSSWINDO69_1 1
2025	ALTW	Line	WNSSWINDO69_1 1
2025	ALTW	Line	WNSSWINDO69_1 1
2025	ALTW	Line	WNSSWINDO69_1 1
2024	MP	Line	WNTR_HIBBA11_1 1
2025	MP	Line	WNTR_HIBBA11_1 1
2023	NSP	Transformer	WOADHILL TR1
2023	NSP	Transformer	WOADHILL TR1

2023	NSP	Transformer	WOADHILL TR1
2023	NSP	Transformer	WOADHILL TR1
2023	NSP	Transformer	WOADHILL TR1
2023	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2024	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2025	NSP	Transformer	WOADHILL TR1
2026	NSP	Transformer	WOADHILL TR1
2026	NSP	Transformer	WOADHILL TR1
2023	ALTW	Line	WOLFVRTSM69_1 1
2023	ALTW	Line	WOLFVRTSM69_1 1
2023	ALTW	Line	WOLFVRTSM69_1 1
2023	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2025	ALTW	Line	WOLFVRTSM69_1 1
2026	ALTW	Line	WOLFVRTSM69_1 1
2026	ALTW	Line	WOLFVRTSM69_1 1
2024	ALTW	Line	WOLFVRUSHM69_1 1
2024	ALTW	Line	WOLFVRUSHM69_1 1
2024	ALTW	Line	WOLFVRUSHM69_1 1
2024	ALTW	Line	WOLFVRUSHM69_1 1
2024	ALTW	Line	WOLFVRUSHM69_1 1

2024	ALTW	Line	WOLFWRUSHM69_1 1
2023	NSP	Line	WOODSS_RID69_1 1
2025	NSP	Line	WOODSS_RID69_1 1
2023	NSP	Transformer	WOODSTK TR1
2023	NSP	Transformer	WOODSTK TR1
2023	NSP	Transformer	WOODSTK TR1
2023	NSP	Transformer	WOODSTK TR1
2023	NSP	Transformer	WOODSTK TR1
2024	NSP	Transformer	WOODSTK TR1
2024	NSP	Transformer	WOODSTK TR1
2023	ALTW	Transformer	WORT TR91
2023	ALTW	Transformer	WORT TR91
2025	ALTW	Transformer	WORT TR91
2023	ALTW	Transformer	WORT TR92
2024	ALTW	Transformer	WORT TR92
2025	ALTW	Transformer	WORT TR92
2025	ALTW	Line	WRTETELK69_1 1
2025	ALTW	Line	WRTETELK69_1 1
2023	ALTW	Line	WHTPELK69_1 1
2023	ALTW	Line	WHTPELK69_1 1
2023	ALTW	Line	WHTPELK69_1 1
2024	ALTW	Line	WHTPELK69_1 1
2024	ALTW	Line	WHTPELK69_1 1
2025	ALTW	Line	WHTPELK69_1 1
2025	ALTW	Line	WHTPELK69_1 1
2025	ALTW	Line	WHTPELK69_1 1
2026	ALTW	Line	WHTPELK69_1 1
2024	DPC	Line	Y-205 1
2024	DPC	Line	Y-205 1
2024	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2025	DPC	Line	Y-205 1
2026	DPC	Line	Y-205 1
2025	ALTW	Line	ZENONNICT69_1 1
2025	ALTW	Line	ZENONNICT69_1 1
2025	ALTW	Line	ZENONNICT69_1 1
2026	ALTW	Line	ZENONNICT69_1 1
2026	ALTW	Line	ZENONNICT69_1 1

Control Area	Direction	Limit	Flow	Contingency	Class
FROM_BUS_CAMP TO_BUS_CAMP	From-To	92.65	76.58	MP2306	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	92.65	79	MP2302G	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	92.65	79.74	MP2302G	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	92.65	78.28	MP2302G	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	107.1	92.83	MP2302G	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	87.2	76.77	MP2306	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	107.1	63.26	NSPCP003	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	107.1	63.82	NSPCP003	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	100.8	83.39	MP2302G	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	107.1	69.29	MP23010	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	107.1	70.7	MP23010	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	76.5	-50.46	MP23102	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	76.5	-52.74	MP23102	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	76.5	-47.52	MP23102	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	96.9	-69.73	MP23010	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	170	169.78	MP2305	Off-peak
FROM_BUS_CAMEC TO_BUS_CALTW	To-From	248.2	-85.84	MEC34111	Peak
FROM_BUS_CAMEC TO_BUS_CALTW	To-From	248.2	-87.56	MEC34112	Off-peak
FROM_BUS_CAMEC TO_BUS_CALTW	To-From	248.2	-74.96	ALW16054	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	85.85	-67.44	MP2302	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	107.1	-64.32	MP2302	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	80.8	-59.22	MP2306	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	60.35	-20.55	NSPGEN07	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	280.5	-196.77	ALW16131	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	280.5	-177.45	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	264	-173.07	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	280.5	-210.47	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	321.3	-271.01	ALW16161	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	264	-171.99	ALW16131	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	264	-168.89	ALW16123	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	264	173.07	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	280.5	201.28	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	280.5	133.56	MEC34050	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	280.5	121.5	MEC34050	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	264	171.78	ALW16131	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	280.5	210.47	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	264	171.99	ALW16131	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	264	178.02	ALW16131	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	321.3	271.01	ALW16161	Peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	280.5	191.88	MEC34050	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	From-To	264	168.89	ALW16123	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	264	218.05	ALW16041	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	48.45	-28.81	ALW16007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	154.7	-83.67	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	168.3	-91.57	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	154.7	-87.16	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	154.7	-91.81	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	154.7	-83.52	DPC16006	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.17	NSP23102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.17	NSP23102	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	40	13.33	NSP23102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	40	13.33	OTP23X22	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.17	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	208.25	-141.96	ALW16025	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	196	-91.47	SMPALW07	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	79.9	45.9	DPC16006	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	From-To	75.2	38.73	ALW16X15	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	79.9	-11.33	ALW16080	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	From-To	75.2	40.9	SMPALW07	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.76	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-19.32	MECALW04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.53	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.6	ALW16X15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.82	ALW16X15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-26.31	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-20.17	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	12.76	ALW16X15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-23.62	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-22.65	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-17.62	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.2	26.66	ALW16X41	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	288.8	78.3	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	306.94	126.58	NSP34055	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	67.54	-67.54	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	66.3	-61.72	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	66.3	-56.98	MP11024	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	62.4	-55.48	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	62.4	-51.24	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	66.3	-51.5	MP11024	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	66.3	-56.41	MP23X04	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	62.4	-33.68	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	62.4	-37.76	MP23007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	226.1	-155.94	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	226.1	-150.26	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	226.1	-173.48	ALW34004	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	226.1	-179.4	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	212.8	-153.55	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	212.8	-145.44	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	25.8	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	25.15	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	23.24	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	33.06	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	25.76	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.8	-43.32	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	43.8	-39.97	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-36.49	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-36.15	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-30.54	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-29.72	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-35.26	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-28.88	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-28.2	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-26.49	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-31.5	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-33.29	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-32.53	ALW16169	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-29.77	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-25.69	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-25.69	ALW16169	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	79.9	-46.37	NSP34026	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	79.9	-46.23	CINSIG03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	79.9	-46.9	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	79.9	12.97	NSP34050	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	79.9	17.17	NSP34050	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	79.9	-46.5	NIP13073	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	75.2	-39.13	NSP34102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	187.85	118.11	GRE34X01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	186.06	142.83	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	186.06	156.52	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	176.8	112.43	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	176.8	125.33	NSP11096	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	187.76	77.03	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	151.28	104.66	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	72.25	-40.32	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	72.25	-38.36	MPGEN03	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	68	-34.69	MP23011	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	68	-34.9	MP23011	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	163.2	61.69	MPOTP13	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-332.95	NSP34102	Peak

FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-319.14	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-262.44	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-254.48	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-225.05	NSP34X36	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.05	-235.27	NSP34X36	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.4	-240.96	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-238.79	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-257.18	NSP34X36	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.4	-231.06	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-266.39	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.4	-224.28	NSP34X36	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-218.38	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-230.8	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	300.31	-214.23	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.64	-255.53	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.64	-255.8	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	282.64	-253.76	ALENSP1	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	282.2	-109.17	ALW16035	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	282.2	-105.44	ALWMEC17	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	265.6	-97.31	ALW16035	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	265.6	-96.69	ALW16035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	95.2	56.88	ALW16007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-19.51	ALW16035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-19.3	ALW16035	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	81.6	39.14	ALW16007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	77.35	33.85	MEC16032	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	81.6	34.9	MEC16032	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	36.92	ALW16007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	35.75	ALW16007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	195.84	120.41	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	173.57	65.61	MDUOTP12	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	114.75	50.85	ALW16057	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	114.75	85.61	MEC16032	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	213.78	-86.39	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	213.78	-77.71	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	201.2	-119.52	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	438.6	154.42	ALW16098	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-50.01	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-26.99	MP23017	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-32.95	MP23017	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	54	-53.94	MP23017	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-39.77	MP23017	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-42.6	MP23017	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	48	-30.43	MP23017	Off-peak

FROM_BUS_CA MP TO_BUS_CA MP	To-From	48	-29.3	MP23017	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	48	-22.67	MP23017	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	332.35	223.61	MP23X03	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	238.96	82.25	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	46.56	OTP34003	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	112	45.58	NSPOTP13	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	112	46.16	NSPOTP13	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-42.84	OTP34003	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-47.9	NSPOTP13	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-111.99	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-112.14	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-112.1	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-112.23	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-113.33	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-113.33	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	340	-113.33	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	320	-106.67	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	320	-106.67	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	95.2	45.93	SMP16011	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	86.7	30.99	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	81.6	28.34	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	81.6	28.5	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	81.36	27.84	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	96.9	-62.78	OTP23X23	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	96.9	-59.23	OTP23X23	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-66.17	OTP23X23	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	96.9	-64.66	OTP23X23	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-65.69	OTP23X23	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	91.2	-58.9	OTP23007	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	96.81	-37.86	OTP23007	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	96.81	-37.04	OTP23007	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	91.2	-58.17	OTP23X23	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	91.12	-52.6	OTP23X23	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	91.12	-54.46	OTP23X23	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	91.12	-52.79	OTP23007	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	50.15	22.21	NSP34001	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	50.15	-14.87	NSPGEN07	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	50.15	-14.78	NSPGEN07	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	50.15	21.65	NSP34001	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	232.9	-121.26	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	173.52	-96.15	NSP34X29	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	222.62	110.53	NSP34X29	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	190.4	63.47	ALW34104	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	190.4	65.27	ALW16033	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	179.2	59.73	ALW34104	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	12.47	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	12.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	35.2	11.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	35.2	-11.73	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	37.4	-12.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	215.05	-211.08	NSP34X23	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	215.05	-200.68	NSP34X23	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-22.9	ALW16X73	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-24.13	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	60.95	20.91	ALWNSP10	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	305.15	193.55	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	287.2	193.16	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-65.56	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-76.47	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-18.66	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.3	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-23.96	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-8.43	MEC34107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	85	28.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	85	28.32	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	85	28.32	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	80	26.66	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	5.1	-1.7	WPS34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	5.1	-1.7	WPS34003	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	5.1	-1.7	WPS34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	4.8	-1.6	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	4.8	1.6	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	5.1	1.7	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	496	-136.98	OTP23104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	496	-132.57	OTP23104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	701.12	-213.99	OTP23104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	69.76	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	69.65	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	71.02	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	71.71	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	70.43	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	70.58	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	186.4	66.12	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	67.63	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	68.11	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	186.4	66.32	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	67.54	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	68.54	BASE CASE	Off-peak

FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	198.05	68.47	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	186.4	64.17	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	186.4	64.52	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-26.55	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-25.93	OTP34X05	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-25.78	OTP23013	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-26.39	OTP34X04	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-26.7	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-26.18	OTP34X04	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	58.96	-25.02	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	58.96	-24.62	OTP1101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	47.6	-18.26	OTP34X04	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	870.4	285.67	MEC34041	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	120	-40.53	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	664.7	221.57	OTP34103	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	664.7	242.9	WAU23010	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	447.1	-385.95	MP2302	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	447.1	-369.89	MP2302	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	447.1	-365.4	MP2302	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	420.8	-322.88	MP2306	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	305.75	-123.53	NSP11027	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	305.75	-109.82	NSP11019	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	113.05	-10.7	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	113.05	-56.16	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	181.6	-291.08	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	NSP34060	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	MPSAEC01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	NSP11005	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	240	80	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	240	80	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	255	85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.04	-139.22	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.04	-121.26	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	69.7	30.65	NSP11002	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	69.7	28.42	ALENSP1	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	69.7	31.5	NSP11002	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	37.4	12.47	MPSAEC01	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	37.4	12.47	OTP23100	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	37.4	12.47	OTP23016	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	37.4	12.47	NSP34X38	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	35.2	4.93	OTP23100	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	35.2	4.33	WAU34033	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	37.4	12.47	NSPCP003	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	52.7	-19.34	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	52.7	-19.4	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	52.7	-19.4	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	49.6	-18.07	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	49.6	-17.9	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	52.7	-18.96	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-19.43	AMI34023	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-19.7	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-18.96	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	117.92	-21.97	NSP23102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	305.15	53.26	NSP11266	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	304.73	133.81	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	181.6	-225.2	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	181.6	-205.67	ALW69127	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	181.6	-225.2	OTP34101	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP_ONT	From-To	130.05	-0.83	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP_ONT	From-To	130.05	0.52	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP_ONT	To-From	130.05	-72.66	MP11065	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	88.4	27.32	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.6	19.04	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-11.9	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-17.9	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-11.9	NSP34102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-17.9	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-18.57	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-17.23	ALW3403	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	11.9	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	356.4	-356.38	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	356	-354.29	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	400	-399.39	NSPOTP13	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	563.45	-563.4	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	576.9	-576.85	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	561.85	-550.91	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	528.8	-542.37	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	573	-573.47	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	195.5	-106.83	MP23014	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	29.01	ALW16X16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	20.4	ALW16X16	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	18.38	ALW16X16	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	22.71	ALW16X16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	18.14	ALW16X16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	20.08	ALW16X16	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	20.91	ALW16X16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	21.66	AMO34035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	19.43	ALW16X16	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	21.21	ALW16X16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	22.39	AMO34035	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	55	-54.74	ALW16X40	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	144.5	-39.83	NSP16030	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-13.68	ALWDPC29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.92	391.77	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.92	408.08	MGENSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.75	338.94	MGENSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.75	330.75	DPC16010	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	412.16	309	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	412	324.7	MGENSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	412.16	312.24	ALENSP1	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	412.16	314.65	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	412.16	-309.23	MGENSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.75	-326.31	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	412	-340.56	ALENSP1	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	412	-313.98	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	152.15	50.72	NSP34107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	152.15	50.72	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	AP50010	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	WAUAEC01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.15	-50.72	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	143.2	-47.73	WAUNSP02	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	143.2	-47.73	MEC16032	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	152.41	50.8	OTP23100	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	152.41	50.8	WAU34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.41	-50.8	NSP34X17	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.41	-50.8	OTP23100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	152.41	-50.8	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	143.44	47.81	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-67.72	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-67.72	BASE CASE	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	232.9	70.85	AMI13068	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	124	-33.99	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	446.93	121.97	OTP34X09	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	447.1	106.77	OTP34X06	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	447.1	-117.15	OTP34X06	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	100	-33.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	106.25	35.42	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	100	33.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	100	33.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	100	33.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-50.53	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-45.07	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-95.93	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-58.93	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-67.87	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	96	-77.73	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	96	-66.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	140	-140.07	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	378.93	273.31	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	195.55	GRENSP01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	206.69	GRENSP01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	186.95	GRENSP01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	170.01	GRENSP01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	164.03	GRENSP01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	249.31	NSP34X21	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	285.6	250.7	NSP34X21	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	268.8	189.65	NSP34X06	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	268.8	163.59	GRENSP01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	268.8	174.47	GRENSP01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-1011.35	NSP34006	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-995.17	NSP34006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	11.86	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	13.38	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	5.17	ALWNSP08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	14.57	ALWNSP08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	5.75	ALWNSP08	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-18.3	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	17.83	ALW16138	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	211.2	-149.96	ALW16X15	Peak

FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.7	-167.71	NSP34X36	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	211.2	-147.28	ALW34104	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-150.9	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	209.6	-167.09	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-146.75	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	209.6	-160.6	NSP34102	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-146.99	ALW16X15	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-139.18	ALW16X15	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-139.64	ALW16X15	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-158.78	NSP34102	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	222.62	-136.31	ALW16X15	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	209.52	-157.6	NSP34X36	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	209.52	-157.73	NSP34102	Off-peak
FROM_BUS_CA NSP TO_BUS_CA SMP	To-From	283.05	-97.3	DPC16010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	395.25	-384.64	MP2305	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	GRE34X01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	GRE23016	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	GRENSP01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	NSP34X21	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	44.8	-14.93	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	44.8	-14.93	ALENSP1	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	MPNSP05	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	OTP34103	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	MPGEN03	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	44.8	-14.93	GREDC3G	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	188	-238.73	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	95	-94.94	NSP11053	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	41.31	-23.36	NSP11053	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	20.4	-3.28	AEPCE01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	20.4	-2.68	CIN34030	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	20.4	-3.58	AMI34035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.77	AMOGRR01	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.7	AMO13007	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.49	AMO13007	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	10.94	AMO13007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.09	AMOGRR01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.27	AMO13007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	19.2	-3.63	AMI34023	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.37	AMOGEN01	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	11.11	AMOGEN01	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	10.79	AMOGEN01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	10.53	AMOGEN01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	19.2	9.97	AMOGEN01	Peak

FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	20.4	12.27	AMOAEC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	19.2	9.81	AMOGEN01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	19.2	-3.38	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	From-To	19.2	9.64	AMOAEC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	77.35	37.32	AMI13214	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	77.35	50.55	AMI13214	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	36.85	AMI13214	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	37.87	AMI13214	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	45.17	AMI13214	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	50.06	AMI34038	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	51.51	AMI34038	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	40.55	MP11024	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	87.36	47.77	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	87.36	43.76	NSP34048	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	142.1	140.27	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	142.1	142.05	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	140.6	139.68	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	143.6	142.59	MPS34002	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	137.8	137.75	EAE010	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	150	141.92	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	ALENSP1	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	MEC34112	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	119	-39.67	NSP34102	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	112	-37.33	ALENSP1	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA WAUE	From-To	198.05	73.53	ALW16139	Peak
FROM_BUS_CA ALTW TO_BUS_CA WAUE	From-To	120.8	39.64	NSP34055	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA WAUE	From-To	120.8	39.96	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	285.6	-122.52	NSP34100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	285.6	-120.35	NSP34100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	382.4	-248.82	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	406.3	-225.5	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	406.3	-258.31	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	406.3	-262.38	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	382.4	-236.07	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	382.4	-244.03	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	382.4	-251.36	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	324.6	-324.6	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	317.1	-317.03	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	328	-328	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	249.05	113.12	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	217.6	110.67	MEC34050	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	217.6	115.77	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	249.05	97.34	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	204.8	87.01	MEC34050	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	204.8	90.65	ALW34112	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-30.67	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	7.67	MECALW08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-17	ALW34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	48	-20.67	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	48	-24	ALW34102	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-20.07	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	507.96	-167.6	NSPALW05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	507.96	-167.86	NSPALW05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-34	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	96	-32	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	96	-32	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	102	34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	96	32	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	102	34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	262.9	88.95	NSPALW05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	205.6	72.62	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-30.15	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-33.31	BASE CASE	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	255.85	-85.28	CE34215	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.15	-44.81	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.15	-44.97	ALW16103	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.15	-44.93	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.15	-44.91	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.15	-44.83	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	127.2	-42.29	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	127.2	-42.3	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	135.15	45.11	NSP11269	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	135.15	45.21	MP2303	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.41	-45.02	ALWNSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	135.41	45.3	ALWNSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	127.2	-42.31	NSP11269	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	135.41	-44.99	NSP69045	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	135.41	45.26	NSP11269	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	135.41	45.21	NSP11269	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	127.44	-42.41	MP11117	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.67	NSP34007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.67	MGENSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	ALENSP1	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.67	AEP76501	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-5.33	BASE CASE	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-5.33	NIP1301G	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.67	OTP23007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.67	CIN34030	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-5.33	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	16	5.33	ALENSP1	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	5.47	DPC16010	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	306.85	106.4	NSP11007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	380.8	179.14	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	380.8	190.65	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	380.8	214.93	NSP34032	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	380.8	131.29	NSP34032	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	358.4	179.71	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-211.7	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-186.92	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-265.82	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	358.4	-144.18	NSP34032	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	358.4	-100.85	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-12.51	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-12.56	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-17.75	ALW16080	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.9	ALW16080	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	10.19	ALW16X56	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.34	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	458.15	-112.85	WAUNSP02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	458.15	-115.05	MEC16016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	52.7	-8.82	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	61.2	36.16	OTP34104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	52.36	-4.62	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	60.95	32.54	OTP3404G	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	60.95	32.9	OTP3404G	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	73.1	-66.36	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	73.1	-54.88	MP23007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-11.9	NSP34107	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	15.44	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	16.96	ALW34004	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	406.3	-278.28	OTP3404G	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	406.3	-328.82	GRE23007	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	406.3	-325.62	GRE23007	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	382.4	-270.96	GRE23007	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	406.3	-250.31	GRE23007	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	406.3	-271.98	OTP34104	Off-peak

FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	382.4	-233.97	GRE23007	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	382.4	-242.13	GRE23007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-25.95	ALW3403	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-25.35	ALW3403	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-21.4	ALW16X84	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-21.8	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-24.33	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-25.02	ALW16X84	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-27.01	ALW16X84	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-25.39	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-27.28	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-27.16	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-26.45	ALW16X84	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	311.1	105.72	ALW34102	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	311.1	125.72	ALW34102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	426.7	-159.76	ALW16027	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	350.4	-130.88	ALW16027	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	350.4	-136.42	ALW16027	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	359.55	-119.85	ALW16080	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	359.55	-119.85	ALW16080	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	88.4	-36.83	ALW16162	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	88.4	-31.48	ALW16162	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	333.2	-285.62	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	333.2	-290.76	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	118.4	-155.16	NSP11053	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	125.8	57.84	NSP11007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.8	-13.78	NSP11053	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	153.4	-153.41	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	14.81	ALW16095	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	14.14	ALWNSP08	Off-peak
FROM_BUS_CA NSP TO_BUS_CA GRE	To-From	908.65	-548.65	NSPGRE03	Peak
FROM_BUS_CA NSP TO_BUS_CA GRE	To-From	908.65	-556.57	NSPGRE03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	855.2	-714.16	NSPGRE01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	855.2	-672.94	NSPGRE01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	908.65	-730.86	NSP34050	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	855.2	-751.28	NSP34050	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	855.2	-734.77	NSP34050	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	1015.8	597.4	NSP34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	1015.8	707.42	NSP34003	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.22	-40.45	OTP23016	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-68.6	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	64	21.33	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	246.5	-82.17	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-39.53	ALW69240	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-53	ALW69240	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	178.5	81.12	GRE23010	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	178.5	76.94	GRE23010	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	142.8	59.61	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	168	82.2	OTP3404G	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	507.11	-169.04	NSP23102	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	507.11	-169.04	OTP34001	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.4	43.37	ALW69154	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.6	42.57	ALW69154	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	35.71	ALW69154	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	83.3	30.92	OTP11002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	83.3	31.77	OTP11002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.22	-53.02	OTP23013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.22	-55.53	OTP23013	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.22	-36.76	OTP23101	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	402.9	-222.44	DPCALW06	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	64.6	-22.69	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	64.6	-24.43	ALW16131	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	64.6	-25.73	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	60.8	-21.82	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	403.75	-144.12	MEC34112	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	403.75	-137.12	WPS34003	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	380	-154.6	MPSNPP01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.17	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	40	13.33	NSPOTP13	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	40	13.33	MDUOTP12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.17	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-152.91	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-150.71	NSP34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-130.45	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-138.8	NSP34003	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-153.56	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-133.13	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-136.94	NSP11170	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	213.78	77.06	ALW16X73	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	213.78	77.35	ALW16X73	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	201.2	72.9	ALW16X73	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	213.78	75.66	ALW16131	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	201.2	71.97	ALW16131	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	201.2	71.74	ALW16131	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	76	75.9	WAUOTP02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	211.65	69.08	AMI13068	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	148.75	-49.58	NSPOTP13	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	148.75	-49.58	OTP34X11	Peak

FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	148.75	-49.58	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	140	-46.67	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	140	-46.67	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	148.75	-49.58	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA WAUE	From-To	111.35	56.24	WAU11114	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	111.35	39.45	GRE23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	111.35	41.28	GRE23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-69.99	WAU11114	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-69.44	WAU11114	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	95.2	-63.74	OTP1101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	120.02	120.02	MHEOTP02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51.2	-25.01	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-3.91	AMI13214	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	2.03	AMI16X03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-1.38	AMI16X03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	148.07	-63.81	GRE34X05	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	380.8	212.65	NSPGRE01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	380.8	212.68	NSPGRE01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	175.2	-68.84	MEC34X15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	258.4	-100.47	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	258.4	-77.58	MEC34041	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	258.4	-74.95	MEC34041	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	86.76	NSP34011	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	425	141.67	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	425	141.67	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	400	133.33	WAU34030	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	400	133.33	MDUOTP2	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	117.92	-39.31	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	117.92	-39.31	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	126.29	-42.1	ALWNSP15	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	117.92	-39.31	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	117.92	-39.31	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	OTP23021	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	125.29	-41.76	WAU34029	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	117.92	-39.31	MDUOTP12	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	104.8	94.22	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	104.8	95.49	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	105.12	74.54	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	105.12	75.02	OTP11109	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.2	-29.04	DPC16006	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.2	-35.19	ALWDPC16	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.2	-26.32	ALWDPC16	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	11.63	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	13.04	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	11.07	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.03	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	12.88	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	12.13	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	18.68	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	13.34	ALW69126	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.33	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	14.81	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	14	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	14.93	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	284.75	92.71	ALW16162	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	284.75	81.21	ALW16057	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	268	96.22	ALW16162	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	284.75	95.52	ALW16054	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	284.75	96.88	ALW16054	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	268	90.94	ALW16054	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	56	-27.66	ALW16098	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.5	-31.74	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.5	-30.05	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	71.4	-35.27	ALW16098	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	277.95	195.51	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	277.95	188.47	ALW34101	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-7.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-5.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-5.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	299.03	184.21	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	299.03	187.49	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	477.8	477.7	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	476	429.12	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	418.88	383.32	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.92	328.89	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.92	-414.82	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-284.8	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	284.41	201.12	NSP34X28	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	284.41	163.57	NSP34X28	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	412.16	235.83	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	284.75	-236.09	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	284.75	-218	NSP34X28	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	268	-228.43	NSP34X28	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	268	-255.34	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	430.1	-261.43	NSP16111	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-20.66	ALW69140	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-20.35	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-22.02	ALW16095	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-21.64	ALW16095	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	102	28.03	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-52.51	OTP23013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-52.34	OTP23013	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-47.28	OTP23013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-54.73	OTP23X34	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-53.17	OTP23X34	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-62.3	OTP23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-59.46	OTP23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-64.01	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.35	-64.75	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	88	-36.7	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	88	-36.86	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	111.69	-77.12	OTP23013	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	73.5	ALWDPC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	57.06	ALWDPC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	55.27	ALWDPC04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	69.64	ALWDPC04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	50.97	ALWDPC30	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	96	38.15	ALWDPC30	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	44.2	ALWDPC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	43.88	ALWDPC04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	47.17	ALWDPC04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	48.48	ALWDPC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	45.16	ALWDPC04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	102	42.8	ALWDPC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	From-To	96	41.48	ALW16011	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	87.55	-51.07	OTP23002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	82.4	-53.85	OTP23002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	44.8	14.93	BASE CASE	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.2	36.6	MEC34050	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-28.47	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-27.2	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	68	-28.13	NSP34055	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	68	-30.6	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	95.2	-31.73	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	95.2	-31.73	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	95.2	-31.73	BASE CASE	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	95.2	-31.73	BASE CASE	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	89.6	-29.87	BASE CASE	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	89.6	-29.87	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	95.2	-31.73	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.05	153.84	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.05	139.61	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	238	197.4	NSP16111	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	238	181.76	NSP16111	Off-peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.05	71.68	NSP23102	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	202.4	67.47	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.22	71.74	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.22	112.23	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	237.75	158.81	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	215.22	64.14	BASE CASE	Off-peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	202.4	67.47	TVA50021	Off-peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	202.56	129.41	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA NSP	From-To	202.56	126.15	ALENSP1	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	206.55	140.5	GRE34X01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	206.55	131.93	GRE34X01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	206.21	154.53	GRE34X01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	194.08	-72.29	GRENSP01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	191.25	63.75	NSPGEN07	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	180	60	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	296.65	-165.61	GRE34X01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	296.23	-165.82	GRE34X01	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	296.23	-220.42	GRE34X01	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	296.23	-182.69	GRE34X01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	130.05	-46.22	NSP16030	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-180.78	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-208.82	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-210.09	NSP11229	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	219.3	-218.13	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	228.65	-211.99	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	228.65	-197.8	NSP11229	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-173.97	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-209.18	NSP11229	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	254.4	-164.86	NSP11229	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	270.3	-151.1	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	219.38	-112.62	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	219.38	-98.91	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	228.56	-146.48	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	219.38	-126.3	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	254.32	-102.24	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-929.74	GRE34X01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-696.32	GRE34X01	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	25.13	NSPMHE02	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	76.5	-18.92	MP1102	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	76.5	-18.86	MP1102	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	72	-20.96	MP1102	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	72	-21.76	MP1102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	355.3	153.91	ALW34102	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	355.3	105.36	ALW34102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	145.6	86.86	NSP34032	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	127.5	52.3	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	127.5	50.03	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	127.5	59.03	NSP34X17	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	189.55	78.18	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	189.55	73.18	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	From-To	120.7	99.24	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	From-To	120.7	109.6	NSP34X17	Off-peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	From-To	113.6	61.26	NSP34X17	Off-peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	From-To	113.6	62.61	NSP34X17	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-33.08	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-11.71	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.58	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-10.2	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-20.77	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-19.22	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-18.42	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-19.69	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-17.68	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	40.8	-19.03	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-17.24	AMI13068	Peak

FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-15.8	AMI13068	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	40.8	-19.78	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	61.2	-20.52	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-15.88	AMI13068	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-12.74	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	61.2	-24.97	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	61.2	-24.19	ALW16X22	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	43.35	13.04	ALW16013	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	40.8	-19.26	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	43.35	-17.63	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	43.35	9.35	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	40.8	13.42	CEGEN19	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-20.19	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-21.81	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-21.89	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-20.65	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-20.37	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	54.4	-19.29	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	54.4	-19.3	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-21.21	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.52	-158.52	MP11104	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	154.7	-86.44	NSP34X29	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	145.6	-97.76	NSP34X29	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	17.9	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	16.48	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	18.9	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	16.13	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	15.03	AMI13068	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	16.06	AMI13068	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	13.97	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	13.07	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	15.22	AMI13068	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	14.28	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	15.03	AMI13360	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	15.67	ALW16X22	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	16.12	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.29	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	43.35	16.31	ALW16X22	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.83	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-14.18	CEGEN19	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	88.4	45.32	OTP23X12	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	88.4	50.82	OTP23X12	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	88.4	44.92	OTP23X12	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	80.41	33.8	BASE CASE	Peak

FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	80.41	32.65	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	80.41	33.25	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	80.41	32.37	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.89	40.13	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	75.68	30.97	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA WAUE	To-From	203.15	-133.39	OTP23107	Off-peak
FROM_BUS_CA OTP TO_BUS_CA WAUE	To-From	203.15	-127.98	OTP23107	Peak
FROM_BUS_CA OTP TO_BUS_CA WAUE	To-From	185.6	-123.17	OTP23107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.5	-26.57	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.5	-29.75	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.5	-29.1	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	44.2	-16.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.5	-29.69	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	72	-26.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	44.2	-18.85	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.67	-30.4	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	44.2	-17.36	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	76.67	-30.12	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	76.67	22.45	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	72.16	-29.53	BASE CASE	Peak
FROM_BUS_CA WAUE TO_BUS_CA OTP	From-To	293	255.06	OTP23001	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	288.8	-75.19	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	165.75	55.25	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	165.75	55.25	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	156	52	AECAMO03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	10.43	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	11.7	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	9.5	MECALW08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	10.3	MECALW08	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	9.37	MECALW08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40	7.47	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40	7.07	WAUNSP02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	42.5	5.97	MECALW08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-17.53	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-13.46	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-15.93	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-21.65	NSP16030	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-22.19	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-23.59	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-20.51	NSP16030	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	58.65	26.58	NSPALW05	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-15.85	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-21.72	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-24.14	ALW16X70	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	102	34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	96	32	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	508.3	-169.43	NSP11279	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	121.55	-81.5	ALW16052	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	121.55	-77.42	ALW16052	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	231.2	-111.08	ALW34104	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	217.6	-134.31	ALW34104	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	231.2	-147.32	ALW34104	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	231.2	-141.82	ALW34104	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	94.35	-56.22	ALW16X41	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	23.8	-7.93	MPWPS01	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	23.8	7.93	WPS34003	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	22.4	0.47	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	22.4	-0.13	NSP34107	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	23.3	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	21.84	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	21.78	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	23.6	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	21.61	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	21.83	ALW69140	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	22.46	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.1	22.47	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.1	21.75	ALW16095	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	52.8	19.44	ALW69140	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	52.8	21.02	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.1	21.22	ALW16095	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	26.18	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	52.8	23.26	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	52.8	22.26	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	196.35	94.8	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	186.15	109.85	ALW34X17	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	186.15	108.42	ALW34X17	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	175.2	104.61	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	175.2	98.37	NSP34007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	175.2	98.57	ALW34112	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	52.7	10.47	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	52.7	-19.02	ALW69193	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	52.7	-24.65	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	52.7	8.95	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	60.35	9.61	ALW69193	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	52.7	-26.16	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	60.35	10.29	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	52.7	15.03	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	49.6	5.98	ALW69193	Off-peak

FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	52.7	-20.16	ALW69193	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	49.6	7.83	ALW69193	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	52.7	8.93	ALW69193	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	60.35	-31.2	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	52.7	-25.56	ALW69193	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	49.6	-0.46	ALW69193	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.3	-28.47	OTP23002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	83.3	-27.41	OTP23002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	83.3	19.43	OTP23X22	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	78.4	29.98	OTP23101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	78.4	30.09	OTP23101	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	17.08	NSP11096	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	17.49	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	18.66	NSP11187	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	15.98	NSP11220	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-41.76	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-41.76	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-41.76	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-41.76	BASE CASE	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	64.6	-21.93	ALW16123	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	64.6	-28.16	ALW16100	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	281.52	-134.59	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	281.52	-137.43	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	40.52	NSP34007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	39.53	ALWNSP1G	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	109.06	47.32	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	109.06	46.66	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	163.88	62.59	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	163.88	64.47	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	109.06	39.57	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102.64	-40.81	NSP34011	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	321.6	-176	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	321.6	-174.49	OTP23100	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-8.83	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-11.34	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	30.6	-11.07	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	28.8	-11.8	ALW69127	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	320	94.72	ALW69070	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	31.45	10.48	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	31.45	7.05	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	31.45	5.68	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	31.45	10.48	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	31.45	-30.92	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	211.2	-112.94	DPC16104	Off-peak

FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	61.2	-31.64	OTP11111	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	61.2	-36.05	OTP11111	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	61.2	-40.64	OTP23107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-46.03	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	101.58	-34.63	NSP34X29	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	212.5	-70.83	WAU23040	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	212.5	-70.83	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	373.15	120.91	ALW16109	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	153	-51.47	ALW16109	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	153	-51	ALW16080	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	153	-53.47	ALW16109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	163.03	69.02	NSP11027	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	59.5	-19.83	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	59.5	-19.83	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	61.03	-20.34	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	206.55	196.68	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	235.58	235.59	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	206.55	203.05	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	243.59	243.6	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	187.27	187.28	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	243.59	173.28	MPNSP03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	206.55	175.53	MPNSP03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	206.55	165.4	MPNSP03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	324.7	105.39	NSP34001	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	172.55	72.36	OTP34001	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	117.3	44.11	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	117.3	43.88	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.25	28.13	ALW16X31	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.25	27.85	ALW16X31	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	23.38	ALW16065	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	25.54	ALW16065	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.2	30.86	ALW16065	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.2	31.45	ALW16065	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	63.49	-31.29	NSP34055	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	18.65	WAUALW01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	8.05	ALWDPC12	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	32	-19.18	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	32	-18.24	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	34	-18.91	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	32	-18.04	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	10.66	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	10.73	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	10.79	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	45.05	16.98	ALW16X17	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	45.05	13.46	ALW16X17	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	226.1	-69.38	MEC34041	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	91.8	25.61	ALW16X73	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	91.8	26.73	ALW16X73	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	91.8	21.88	ALW16X73	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	86.4	24.02	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	86.4	22.61	ALW69070	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	120.36	-39.19	GREWAU01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	9.4	ALW34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	9.68	ALW34007	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	224.4	131.82	ALWDPC12	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	224.4	128.71	ALWDPC12	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	211.2	117.41	ALWDPC12	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	209.52	127.9	ALWDPC12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	79.9	26.19	NSP34015	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	79.9	-26.92	NSP11220	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	NSP34107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	NSP34107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	OTP23016	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	200	-66.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	200	-66.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	MDUOTP2	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	212.5	70.83	NSP23102	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	212.5	-70.83	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	212.5	-70.83	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	200	-66.67	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	200	66.67	NSP34107	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-14.95	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-20.98	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-16.88	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-24.28	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-24.86	ALWDPC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-5.07	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-5	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-8.34	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-8.27	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-11.62	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-11.6	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-9.8	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-9.7	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-9.68	BASE CASE	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-9.71	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-9.08	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	31.45	-9.52	ALW69070	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-13.49	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-13.31	ALWDPC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-8.71	ALW69070	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.92	-232.76	NSP34055	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-12.53	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-12.44	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-14.57	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-8.8	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-14.61	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	277.95	179.26	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	277.95	191.76	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	92.65	-47.37	ALW16X58	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	92.65	-44.64	ALW16X58	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.92	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.96	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	18.49	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.51	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	18.06	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	18.88	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.58	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.27	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	20.29	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	20.22	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.58	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	16.6	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.39	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	16.49	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1169.4	-630.89	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1286.4	-723.97	GREDC3G	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1286.4	-724.25	NSPGEN07	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1286.4	-691.5	NSPWAU10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1286.4	-669.3	ALW34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1210.7	-594.02	GREDC3G	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1100.6	-514.88	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	194.65	-84.83	MEC34050	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	194.65	-96.49	MEC34002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	39.12	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	39.34	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	32.37	OTPWAU10	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	38.24	40.11	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	140.56	140.56	OTP11111	Off-peak

FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	38.24	41.22	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	55.8	54.92	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	50.1	50.05	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	53.8	53.75	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	53.8	53.46	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	43.03	43.02	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	32.85	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	44.04	44.03	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	39.72	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	40.83	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	32.98	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	27.17	OTP1102	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	41	40.85	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	40.63	39.19	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	38.24	35.28	OTP11109	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	38.24	35.95	OTP11109	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-53.19	OTP11109	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-11.97	OTP23100	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-16.54	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36.8	-11.78	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-12.03	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.95	20.4	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.95	20.49	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	53.6	-18.48	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	53.6	-22.93	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-12.56	NSP34107	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-12.44	NSP11137	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-12.19	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-11.95	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36.8	-11.67	OTP23100	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-12.27	MPOTP13	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-11.94	NSP11269	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-19.64	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36.8	-11.84	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36.8	-7.46	ALW16103	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	38.25	-12.75	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	148.75	-84.53	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	148.75	-87.1	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	148.75	-85.87	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	148.75	-77.44	MP11046	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	140	-55.83	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	84.15	-43.84	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	84.15	-44.17	MP23007	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	84.15	-40.06	MP23007	Peak

FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-43.15	MP23007	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-53.48	MP23007	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-45.31	MP23007	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-56.53	MP23007	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	107.1	-48.81	MP11112	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-48.03	MP11107	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-43.74	MP11107	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-51.69	MP23017	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	84.15	-46.53	MP23017	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	79.2	-62.2	MP23007	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	79.2	-65.58	MP23007	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	107.1	-50.32	MP23007	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	107.1	-35.7	MP11046	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	79.2	-55.21	MP23007	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	79.2	-53.8	MP23007	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	64.6	21.53	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	60.8	20.27	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	64.6	21.53	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	85	28.33	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	85	-28.33	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	85	28.33	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	80	16.93	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-170.92	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-174.05	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-170.18	NSP11125	Peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-173.85	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	181.6	-167.53	OTP23100	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-174.05	GRE34X01	Peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	192.95	-64.32	ALENSP1	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	272	-150.6	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	176	NSP11125	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	183.45	NSP11125	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	155.55	NSP34105	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	151.61	NSP34105	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	230.35	137.27	NSP11220	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	230.35	140.91	NSP11220	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	230.35	139.53	NSP11010	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	184	115.95	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	195.59	107.19	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	184	109.98	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	143.38	NSP34105	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	195.59	95.37	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	203.15	101.1	NSP11010	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	230.44	124.34	NSP11010	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	184.08	103.05	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	184.08	103.01	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	221.6	-121.93	MP23X04	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-9.85	ALW69140	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.65	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	124.95	-82.86	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	162.35	-96.86	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	162.35	-102.34	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	124.61	-74.72	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	117.28	-77.22	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	117.28	-77.56	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	128.35	66.87	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	128.35	77.62	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	110.5	68.07	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.13	89.24	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	120.8	71.85	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.13	93.11	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	128.52	63.32	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	120.8	71.94	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	120.96	71.43	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	89.25	27.65	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	89.25	27.59	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	89.25	28.26	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	89.25	28.13	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	89.25	28.77	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.92	-30.19	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	89.25	-28.09	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	89.25	-28.18	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	84	-26.11	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	89.17	-28.92	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	105.6	-60.14	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	22.02	OTP11002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	23.17	OTP11002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	22.07	OTP34X04	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	22.12	OTP11002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	51	-13.33	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	51	-13.32	OTP23101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	51	-13.33	OTP23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	48	21.41	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	48	21.63	OTP11002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	48	-11.11	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	48	20.67	OTP23101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-27.14	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-26.43	BASE CASE	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-26.03	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	79.9	-31.21	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	63.2	-24.19	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	74.8	-34.6	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	74.8	-35.96	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-26	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	63.2	-24.8	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	63.2	17.28	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-23.98	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-24.51	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-23.34	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.6	-22.78	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-24.54	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-22.39	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-29.23	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-23.11	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-28.73	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-26.86	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.6	-20.67	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-27.45	ALW69126	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.6	-23.06	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.6	-22.26	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	474.3	241.18	NSP34011	Off-peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	150.45	-51.92	NSP69045	Off-peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	150.45	47.94	NSP34055	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	150.45	-51.88	GREWAU01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	30.6	19.94	WAUALW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	30.6	17.36	WAUALW01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	30.6	19.13	WAUALW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	17.5	WAUALW01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	18.51	WAUALW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	20.36	WAUALW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	28.8	19.25	WAUALW01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	203.15	96.03	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	172	-141.52	ALENSP2	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	158.95	-116.4	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	172	-139.55	ALENSP2	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	182.75	-121.96	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.63	-164.16	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	182.66	-147.54	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.63	-150.96	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	182.66	-125.53	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	182.66	-97.74	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.92	-123.34	NSP34X29	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.92	-122.46	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	84.05	84.04	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72.25	49.36	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	68	48.58	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	149.6	-108.31	MP11065	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	149.6	-85.83	MP11065	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-134.61	ALW34008	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	149.6	-114.14	OTP23X08	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-123.08	OTP23X08	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-134.85	OTP23X08	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-123.23	ALW34008	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-122.51	AMO34X12	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	149.6	-126.16	AMI34009	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	43.35	-37.13	ALW69240	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	43.35	-35.16	ALW69240	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	43.35	-34.58	ALW69240	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-32.96	MEC69113	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-31.28	MEC69113	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-35.7	ALW69240	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-34.55	ALW69240	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	176.8	61.1	DPCALW06	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	290.7	81.93	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	319.6	112.84	DPC16010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	107.1	-81.57	MP23010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	107.1	-89.97	MP23010	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	21	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	19.67	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	25	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	20.33	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	33.93	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	26	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-17	MPSNPP01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	17	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	16	MP23007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	16	CEALW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51	-17	ALWMEC15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	16	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	48	16	BASE CASE	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-4.76	NSP11002	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	119	-38.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	119	-38.4	OTP23013	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	119	-38.4	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	280.45	NSP11007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	257.72	NSP11175	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	258.32	NSP11007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	275.56	NSP34060	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	34	-17.79	ALW3403	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	34	-19.38	ALW3403	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	14.35	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	13.25	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	32	12.69	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	32	12.01	MECMPW02	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	414.4	-408.93	MP23009	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	509.19	-509.2	MP23008	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	80	-63.03	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	80	-59.28	MPWPS01	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	85	-60.35	NSP34X29	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	80	-47.34	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	80	-48.97	NSP34X29	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	263.5	99.94	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	263.5	115.72	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	248	71.79	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	248	69.62	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	263.5	135.44	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	306.85	131.3	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	263.5	147.98	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	263.5	148.45	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	248	139.65	ALW34X02	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	255	85.11	ALW16X73	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	255	85	MEC34112	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	255	85	MEC34041	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	255	85.47	ALW16X73	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	From-To	240	80	OTP23100	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	255	-84.97	OTP34002	Off-peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	255	-84.96	NSP34011	Peak
FROM_BUS_CA MEC TO_BUS_CA ALTW	To-From	255	-84.94	MECOPP1	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	237	-198.33	NSP34X26	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	32.3	-13.45	OTP34101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	32.3	-16.85	OTP34101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	30.6	-28.15	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	34.16	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	33.61	BASE CASE	Peak

FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	49.3	17.36	OTP23013	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	49.3	17.42	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	49.3	17.64	OTP34X04	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	49.3	17.67	OTP34X04	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	49.3	17.64	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	46.4	16.43	OTP34X04	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	46.4	16.49	OTP1101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	49.3	-15.22	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	NSP34X17	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	47.6	15.87	MDUOTP10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	44.8	14.93	OTP34103	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	44.8	14.93	OTP34103	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	47.6	-15.87	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	58.65	19.55	WAU34X06	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	213.35	-121.58	MEC34002	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	213.35	-107.59	MEC34002	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AECI	From-To	34.85	26.7	ALW16072	Peak
FROM_BUS_CA ALTW TO_BUS_CA AECI	From-To	34.85	19.1	ALW16072	Peak
FROM_BUS_CA ALTW TO_BUS_CA AECI	From-To	32.8	15.98	ALW16072	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AECI	From-To	32.8	19.29	ALW16072	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	56.1	21.15	ALW16X11	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	56.1	20.46	ALW16X11	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	124.95	74.92	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	124.95	74.39	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	162.52	98.77	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	117.6	81.45	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	124.61	68.82	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	28.9	-9.63	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	28.9	-9.63	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	28.56	-9.52	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	30.8	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	35.65	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	33.34	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	110.5	22.83	OTP34101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	110.5	25.09	OTP34101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	100.3	34.46	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	94.4	34.06	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	94.4	33.02	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	100.56	-39.38	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	77.35	41.66	MEC34X01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA AMMO	To-From	92.65	-71.23	AMI13214	Peak

FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	34	16.49	BASE CASE	Peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	34	15.84	BASE CASE	Off-peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	34	17.13	BASE CASE	Off-peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	34	17.13	BASE CASE	Peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	32	16.09	BASE CASE	Off-peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	To-From	34	-5.36	BASE CASE	Peak
FROM_BUS_CA_OTP TO_BUS_CA_OTP	From-To	32	16.17	BASE CASE	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	To-From	148	-32.33	BASE CASE	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	To-From	169.6	-50.13	ALW16128	Off-peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	From-To	180.2	67	WAUALW01	Off-peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	From-To	169.6	66.67	ALW16128	Off-peak
FROM_BUS_CA_MP TO_BUS_CA_MP	To-From	51	-41.71	MP23010	Peak
FROM_BUS_CA_MP TO_BUS_CA_MP	To-From	48	-40.89	MP23010	Peak
FROM_BUS_CA_MP TO_BUS_CA_MP	To-From	51	-36.62	MP23010	Peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	To-From	62.9	-20.95	NSP34011	Peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	To-From	62.9	-16.54	NSP34011	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_AMMO	From-To	81.6	21.63	AMI16X03	Off-peak
FROM_BUS_CA_ALTW TO_BUS_CA_AMMO	From-To	81.6	20.54	AMI16X03	Peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	To-From	76.5	-22.94	OTP11002	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	From-To	76.5	36.39	OTP11002	Peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	From-To	76.16	47.14	WAU23023	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	From-To	76.16	36.7	WAU23023	Peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	To-From	72	-12.21	OTP11002	Peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	From-To	71.68	47.9	WAU23023	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_OTP	From-To	71.68	50.13	WAU23023	Peak
FROM_BUS_CA_NSP TO_BUS_CA_GRE	From-To	166.6	73.73	GREWAU01	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_GRE	From-To	166.6	69.34	GREWAU01	Peak
FROM_BUS_CA_NSP TO_BUS_CA_GRE	From-To	156.8	60.32	GREWAU01	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	From-To	396.1	190.93	NSP34026	Peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	To-From	215.22	-167.9	NSP34X23	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	To-From	50.15	-31.38	ALW69252	Off-peak
FROM_BUS_CA_MEC TO_BUS_CA_ALTW	From-To	40.8	18.41	ALWMEC29	Off-peak
FROM_BUS_CA_MEC TO_BUS_CA_ALTW	From-To	34	16.72	ALW16143	Peak
FROM_BUS_CA_MEC TO_BUS_CA_ALTW	To-From	32	-6.94	MEC69110	Peak
FROM_BUS_CA_MEC TO_BUS_CA_ALTW	To-From	32	-7.43	MEC69110	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	From-To	195.5	62.12	BASE CASE	Peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	From-To	195.5	49.1	BASE CASE	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	To-From	215.22	-62.07	NSP34055	Off-peak
FROM_BUS_CA_NSP TO_BUS_CA_NSP	From-To	202.4	107.31	NSP34061	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_ALTW	To-From	278.8	-88.91	ALWNSP10	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_MEC	To-From	792.2	-451.27	MEC34012	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_MEC	To-From	792.2	-440.73	MEC34012	Off-peak
FROM_BUS_CA_ALTW TO_BUS_CA_MEC	To-From	792.2	-471.23	MEC34012	Peak
FROM_BUS_CA_ALTW TO_BUS_CA_MEC	To-From	792.2	-456	MEC34012	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	1254.6	-470.6	MEC34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	1254.6	-470.6	MEC34012	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	1254.6	-466.67	MEC34012	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	1254.6	-466.67	MEC34011	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	147.05	-66.36	OTP34001	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	147.05	-65.41	OTP34001	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-23.44	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-28.45	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-32.3	ALW16106	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-31.81	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-27.91	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-31.74	ALW16059	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	88.4	-23.04	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-28.87	ALW16059	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-34	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-31.52	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-28.53	ALW16041	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-28.48	ALW16041	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	88.4	-55.1	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-32.41	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-35.63	ALW16161	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	181.11	181.11	MHEOTP02	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	68.85	68.83	OTP1101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	68.85	68.68	OTP1101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	64.8	50.85	OTP1101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	68.85	46.17	OTP1101G	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	68.85	59.25	OTP1101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	74	36.4	OTP1101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	69.19	34.86	OTP1101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	69.19	-27.75	OTP1102	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	65.12	30.48	OTP1101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	65.12	29.11	OTP1101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	338.3	112.77	ALW16119	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	318.4	106.13	ALW16119	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	318.4	106.13	ALW16119	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.04	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	12.6	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.66	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.2	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.08	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	13.44	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	13.07	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	14.59	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.5	ALWNSP10	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	14.05	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	59.5	-16.78	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.5	26.57	ALW3403	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56	19.73	ALWDPC30	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56	20.42	ALWDPC30	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	170.98	NSP34106	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	155.8	NSP34106	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	146.22	ALWMEC37	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	161.08	ALW34104	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	115.05	ALW16080	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	258.4	130.49	ALW34104	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	161.08	ALWMEC37	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	258.4	115.72	ALW34104	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	129.61	ALW16080	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	127.49	NSPALW03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	226.1	142.11	ALW34104	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	212.8	123.85	NSP34055	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	212.8	135.36	NSP34055	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	212.8	123.93	ALW16111	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	212.8	134.17	ALWMEC37	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	212.8	122.76	ALW34104	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	67.15	-10.11	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	67.15	30.03	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	80.75	25.39	ALW16111	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	90.1	39.09	ALW16111	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	67.15	30.22	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	76	31.33	ALW16111	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	76	31.7	ALW16111	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	355.3	-156.05	ALW34102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	355.3	-89.79	ALW34102	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	355.3	-121.56	ALW34102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	355.3	-84.6	ALW34102	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	334.4	-78.86	ALW34102	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	334.4	-95.72	ALW34102	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	133	-132.91	MP2305	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	121.05	121.66	MP2305	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.3	58.45	NSP11175	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.3	56.75	NSP11175	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.4	19.55	NSP11258	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	78.2	36.41	MP23007	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	61.03	-21.13	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	61.03	-20.03	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	61.2	19.3	NSP34011	Off-peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	61.2	17.85	NSP34011	Peak

FROM_BUS_CA GRE TO_BUS_CA NSP	To-From	61.54	-27.3	NSP34055	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-123.41	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-132.13	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	32.7	OTP34001	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	44.58	OTP34001	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	36.55	OTP34001	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	34.05	OTP34001	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	30.16	OTP23X22	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	31.03	OTP34001	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	26.69	MP23X26	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	66.3	43.57	MPNSP05	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	66.3	48.39	MPNSP05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-22.8	ALWNSP1G	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-22.97	ALWNSP1G	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-100.57	MPSAEC01	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-91.9	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-94.37	ALW34101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-77.63	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	200	-99.73	OTP23100	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-97.63	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-103.43	OTP23100	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-95.63	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	212.5	77.63	NSP11246	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	89.25	58.02	NSP34008	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-85.43	WAU34029	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-70.83	MEC34012	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	212.5	-70.83	MEC34009	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	89.25	30.42	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	334.93	NSP34007	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	332.67	ALWNSP1G	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	337.33	ALWNSP1G	Off-peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	317.33	ALWNSP1G	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	335.27	ALWNSP1G	Off-peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	825.6	318.33	ALWNSP1G	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	877.2	274.9	NSPALW02	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	338.64	-211.48	NSP11208	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	304.56	-226.58	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	304.56	-210.52	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	338.64	-190.95	NSP11208	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	367.54	-183.43	NSP11208	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	318.72	-175.1	NSP11208	Peak
FROM_BUS_CA MP TO_BUS_CA NSP	To-From	107.1	-72.65	MPNSP05	Off-peak
FROM_BUS_CA MP TO_BUS_CA NSP	To-From	107.1	-78.43	MPNSP05	Peak
FROM_BUS_CA MP TO_BUS_CA NSP	To-From	90.95	-50.56	OTP23016	Off-peak

FROM_BUS_CA MP TO_BUS_CA NSP	To-From	85.6	-52.85	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA NSP	To-From	85.6	-44.41	NSP34101	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	121.04	-60.06	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	56.1	37.61	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	56.19	26.68	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.38	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.46	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.63	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	20.68	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	23.53	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	21.16	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	21.37	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	24.03	SMPALW07	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	17.36	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	22.33	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	27.95	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	24.43	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	19.09	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	18.93	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	23.16	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	31.03	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	18.2	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-18.53	NSP34008	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-13.99	ALW16109	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.42	NSP16015	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.59	NSP16015	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-18.68	SMPALW07	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-12.11	ALW16109	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-23.61	NSP11005	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-35.29	NSP11005	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-20.52	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-21.57	NSP11005	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	170	-83.82	MP11111	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	160	-75.81	MP11142	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	160	-70.41	MP11142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	To-From	40.8	-24	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	To-From	38.4	-20.99	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA DPC	To-From	38.4	-26.03	ALWDPC03	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-38.71	ALW34X02	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	187.85	-153.48	WECWPS18	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	187.85	-145.6	WECWPS18	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	239.7	-195.17	NSP16111	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	239.7	-180.66	NSP16111	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	176.8	-148.06	ALENSP1	Off-peak

FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	176.8	-148.37	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	184.45	-116.12	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	184.37	-144.23	NSP34X28	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	184.37	-124.33	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	240.04	-178.36	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	184.37	-108.88	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	240.04	-161.32	NSP34X28	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	173.6	-116.07	NSP34X29	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	173.52	-140.98	ALENSP1	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	173.52	-135.68	ALENSP1	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	173.6	109.41	NSP34X29	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	184.37	79.83	NSP34X29	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	184.37	81.91	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	77.35	14.17	NSPALW05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	56	-24.6	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	83.3	34.66	NSPALW05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	78.4	33.28	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	82.45	37.66	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-52.36	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-51.9	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-53.06	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-51.65	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-50.73	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-49.73	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	123.2	-46.1	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	168.3	-64.37	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	123.2	-45.79	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-44.71	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	168.3	-60.75	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-62.54	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-65.53	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-50.68	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-58.79	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	168.3	-66.92	NSPWAU12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	168.3	-67.59	NSPWAU12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	123.2	-40.52	NSP34X17	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	70.55	-28.88	ALW16035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	66.4	-25.17	ALW16035	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	66.4	-24.37	ALW16035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	201.2	-168.29	GLHTVA04	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	111.35	-0.45	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	104.8	2.53	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	111.35	-0.92	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	111.35	1.42	BASE CASE	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	111.35	1.42	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	111.35	-1.72	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	130.9	-8.7	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	104.8	2.47	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	104.8	1.8	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-17.08	ALW16095	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	12.01	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	12.24	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	12.65	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	10.48	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	11.99	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	11.99	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	11.94	NSPALW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	13.12	NSP34X12	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	14.51	NSPALW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	13.57	NSP34X12	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	34.85	13.33	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	10.23	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	34.85	16.64	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	11.85	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	34.85	17.18	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	10.1	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	12.25	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	13.3	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	14.6	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	34.85	-10.86	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	26.35	13.63	NSP34007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	34.85	-9.85	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	9.73	NSP34007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	15.5	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	24.8	13.77	NSP34007	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	123.93	86.54	WAU3401G	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	123.93	91.03	WAU34033	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	116.64	68.99	WAU23044	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.85	-75.35	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	268.9	-267.09	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.85	-75.89	NSP11228	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	259.9	-258.72	NSP11228	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.85	-130.69	NSP11228	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.85	-141.59	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.85	-187.52	NSP11229	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	176.8	-75.76	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	197.9	-197.9	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	176.8	-71.88	NSP11228	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.76	-127.25	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.76	-134.01	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.76	-94.17	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	187.76	-83.41	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	176.72	-95.85	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	176.72	-98.26	NSP11064	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	4.2	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	4.2	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	6.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	4	OTP23100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	32	4.47	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	32	5.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	34	-13.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	6	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	5.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	9	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	7.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	6.07	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	34	6	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	32	6.07	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	32	8.8	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	34	-13.2	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.55	-118.78	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.55	-63.12	NSP34X38	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.55	-63.11	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.55	-117.28	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	178.4	-59.41	AEC34014	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	189.55	-63.1	NSP34115	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	335.75	-177.65	NSPGEN15	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	335.75	-181.18	NSPGEN15	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	335.75	-111.92	NSPGEN15	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	316	-221.73	NSPGEN15	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	316	-105.33	NSPGEN15	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	335.75	-111.92	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.93	ALW16080	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.68	ALWDPC29	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	109.65	71.53	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	109.65	73.62	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	89.6	50.43	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	89.6	48.87	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	57.14	OTP23004	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	109.65	53.6	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	109.65	-47.33	WAUOTP02	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	89.6	45.33	BASE CASE	Off-peak

FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-40.61	OTP34104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-36.63	OTP34104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-41.38	OTP34104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-41	OTP34104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-32.17	OTPGEN10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	58.96	-32.51	OTP34104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	58.96	-34.67	OTP34104	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	NSP34101	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	NSP34X17	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	NSP34001	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	OTP34002	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	OTP23100	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	NSP34011	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	NSP34060	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	OTP23100	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	OTP23100	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	47.6	-15.87	OTP23100	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	NSP34048	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	44.8	-14.93	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	166.6	-104.63	ALW11024	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	166.6	-95.68	ALW11024	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	156.8	-90.08	ALW11024	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	166.6	-100.82	ALW11024	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	166.6	-95.05	ALW11024	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	166.6	-91.62	ALW11024	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	130.9	-57.82	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	12.47	EA50024	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	12.47	OTP23013	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	38.08	12.69	OTP34001	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-41.14	MP23010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-49.22	MP23010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51	-35.29	MP23010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	52	-51.38	MP23010	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	48	34.26	MP23010	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	48	30.72	MP23010	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	179.2	54.2	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	179.2	52.39	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	190.66	57.94	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	142.8	-41.34	NSP11109	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	70.55	35.3	ALW16X64	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	399	398.93	MP2305	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	71.4	7.88	GRE23101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	71.4	-9.33	GRE23101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	71.4	-11.07	GRE23101	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	71.4	-5.68	GRE23101	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	71.4	-35.04	GRE23101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	71.4	-50.98	GRE23101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	71.4	-25.17	GREWAU02	Peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	To-From	102	-52.45	GRE23010	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	88.69	NSPGEN07	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	80.9	NSPGEN07	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	149.6	83.81	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	65.67	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	84.24	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	149.6	109.43	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	149.6	113.07	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	266.9	95.57	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	266.9	101.94	NSP34055	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	73.1	72.03	MP23007	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	77.5	70.35	MP23017	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	77.5	79.45	MP23X04	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	73.1	70.41	MP23X04	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	73.1	61.71	MP23017	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	16.54	NSP16015	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	16.11	NSP16015	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	16.57	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	16.26	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	18.73	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	40.8	17.92	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-10.83	NSPGEN07	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-11.4	NSPGEN07	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-12.72	NSPGEN07	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-6.21	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	38.4	8.92	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-9.36	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	46.75	-12.59	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	46.75	-14.18	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	46.75	14.08	ALW69203	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	38.4	-8	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	40.8	-13.78	GREDC3G	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	38.4	12.3	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	25.6	7	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	27.2	3.39	ALWNSP15	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	8.41	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	5.66	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	27.2	8.28	GREDC3G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	27.2	11.1	GREDC3G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	25.6	4.85	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	25.6	2.84	ALWNSP15	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	25.6	8.41	NSP34055	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-24.51	ALW16013	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-25.11	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	15.53	ALW16X41	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	15.77	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	48.45	-16.97	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	48.45	-17.06	ALW16013	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	10.2	-3.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	10.2	-3.4	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	10.2	3.4	ALENSP6G	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	10.2	3.4	DPCNSP13	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	10.2	3.4	WPS34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	9.6	3.2	NSP34102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	9.6	3.2	WPS34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	10.2	-3.53	NSP34115	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-120.09	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	203.15	-120.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-125.95	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	20.06	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	19.16	NSP11005	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-20.85	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	15.58	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	20.11	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	33.6	16.41	NSP11005	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	54.4	-32.02	MP23X20	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	54.4	-30.41	MP23X20	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	54.4	-25.58	MP23X20	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	54.4	-24.86	MP23X20	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	51.2	-22.67	MPOTP13	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	114.75	62.04	MP11111	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	114.75	61.22	MP11111	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	42.5	14.17	CIN13138	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	42.5	14.17	WAU34033	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	42.5	14.17	MPSAEC01	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	42.5	14.17	OTP34101	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	42.5	-14.43	WAU34033	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	42.5	14.17	MP23017	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	40	13.07	ALENSP1	Peak

FROM_BUS_CA MP TO_BUS_CA NSP	From-To	170.85	85.58	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.9	20.97	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	59.2	19.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	59.2	19.73	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	From-To	153.85	28.71	NSPWAU07	Off-peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	To-From	153.76	-73.19	GREWAU01	Peak
FROM_BUS_CA NSP TO_BUS_CA WAUE	To-From	153.76	-66.61	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	181.9	74.37	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	181.9	72.5	NSP34055	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	195.5	65.17	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	184	61.33	NSPALW03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	184	61.33	MECOPP1	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-42.08	ALW69052	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-46.09	ALW69052	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-48.9	ALW69154	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.65	-52.9	ALW69154	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	1117.8	1117.4	GRE34X01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-525.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-530.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-555.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-551.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-526	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-484.27	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	582.4	-498.07	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	582.4	-507.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	618.8	-397	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	254.87	NSP34001	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	243.63	GRE34X01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	275.02	GRE34X01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	238.49	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	169.67	NSP34006	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	218.05	NSP34006	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	328.1	234.77	NSP34X06	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	308.8	256.48	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	308.8	214.83	GRE34X01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	308.8	222.53	MPGEN03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	23.8	10.09	ALW16X73	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	23.8	10.34	ALW16X73	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	23.8	9.61	ALW16131	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	4.71	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	0.21	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	0.21	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	29.6	3.64	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	-1.84	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	29.6	4.41	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	2.62	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	6.64	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	11	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	31.45	14.72	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	10.19	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-17.83	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-18.2	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-19.33	NSP11005	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.6	-12.85	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	29.6	9.46	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-36.59	NSP11246	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-32.56	NSP11246	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-32.99	NSP11246	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-27.66	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-30.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-28.19	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	70.4	-27.02	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-29.8	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	50.15	14.28	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	50.15	10.09	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.97	-27.95	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	54.83	-24.9	NSP11208	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.97	-27.9	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	54.83	-27.77	NSP11208	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	70.4	-26.13	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	77.6	-31.51	NSP11208	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	61.2	26.83	NSP34049	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	57.6	25.97	NSP34049	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	87.55	45.45	OTP34001	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	39.11	OTP23X22	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	38.47	OTP23X22	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	87.55	49.75	OTP23002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	40.11	OTP23002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	43.16	OTP34001	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	41.46	OTP23002	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	82.4	55.06	OTP23002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	106.16	77.63	OTP23002	Peak
FROM_BUS_CA WAUE TO_BUS_CA OTP	From-To	91.8	33.69	GREWAU01	Peak

FROM_BUS_CA WAUE TO_BUS_CA OTP	From-To	86.4	48.8	OTP23X09	Peak
FROM_BUS_CA WAUE TO_BUS_CA OTP	From-To	86.4	53.66	WAU23008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	189.55	65.18	ALW34104	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	189.55	63.85	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	102	34	NSP34X12	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	102	34	OTP23017	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	66.05	-66.05	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	64	-57.46	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	71	-70.53	ALW16X40	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-18.14	NSP34007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.97	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-20.54	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	16.47	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.28	NSPALW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	15.52	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	18.53	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.92	ALWNSP08	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.04	ALW69126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-15.35	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-14.13	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-15.84	ALW69126	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-16.05	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-17.03	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-15.63	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-15.06	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-17.02	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-15.38	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-15.17	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-15.92	ALWNSP08	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-17.21	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-17.01	ALWNSP08	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-15.35	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-15.56	NSP34008	Off-peak
FROM_BUS_CA MP TO_BUS_CA NSP	To-From	327.08	-198	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	95.2	41.35	OTP34001	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	198.9	141.14	MP23014	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	198.9	133.78	MP23014	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	198.9	100.33	MP23014	Off-peak
FROM_BUS_CA SMP TO_BUS_CA ALTW	To-From	281.61	-179.17	ALW16027	Peak
FROM_BUS_CA SMP TO_BUS_CA ALTW	To-From	281.61	-159.35	ALW16027	Off-peak
FROM_BUS_CA SMP TO_BUS_CA ALTW	To-From	262.4	-122.62	NSP34055	Off-peak
FROM_BUS_CA SMP TO_BUS_CA ALTW	To-From	281.61	-138.47	ALW16109	Peak
FROM_BUS_CA SMP TO_BUS_CA ALTW	To-From	265.04	-128.03	NSP34011	Peak
FROM_BUS_CA MPW TO_BUS_CA ALTW	To-From	75.65	-24.15	MECMPW02	Off-peak

FROM_BUS_CA MPW TO_BUS_CA ALTW	To-From	75.65	-22.47	MECMPW02	Peak
FROM_BUS_CA MPW TO_BUS_CA ALTW	To-From	75.65	-23.35	MECMPW02	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	168.3	-23.66	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	168.3	-25.57	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	187.85	-47.66	DPC16010	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	187.85	-44.7	DPC16010	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	187.85	-45.25	DPC16010	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	187.85	-55.77	DPC16010	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	176.8	-46.01	DPC16010	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	170	130.51	MP11115	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	199.75	151.9	MP11115	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	160	118.11	MP11115	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	130.05	119.79	MP11126	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-30.43	ALW16052	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-26.92	ALW16052	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-26.54	ALW16054	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-33.42	ALW16162	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-21.38	ALW16162	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-20.82	ALW16162	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-23.48	ALW16162	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-23.17	ALW16162	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	77.35	30.74	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-26.12	ALW16162	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40.8	-24.66	NSP11005	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40.8	-28.18	NSP11005	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40.8	-21.51	NSP34060	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	85	14.33	ALWMPW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	85	17	ALWMPW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	85	-34.18	ALW16013	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	85	-36.75	ALW16013	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	85	-35.32	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	85	-37.54	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	14.56	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	14.1	ALW16013	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	11.47	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	33.6	20.01	ALW69184	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	33.6	20.53	ALW69184	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	49.3	16.49	ALW16087	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	41.6	15.05	ALW16119	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	41.6	14.99	ALW16119	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	32	15.51	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	90.1	30.03	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	90.1	30.03	OTP23100	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	90.1	30.03	BASE CASE	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	294.1	-115.67	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	294.1	102.38	NSP11109	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	173.52	94.23	NSP34X36	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	77.35	23.85	ALW69184	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	19.57	ALW69184	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	19.88	ALW69184	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	102	34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	102	-34	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	508.3	195.6	NSP34X15	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	154.7	-66.9	NSP11250	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	154.7	-63.07	NSP11250	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	201.53	56.24	NSP11250	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	58.54	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	54.18	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	53.42	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	51.51	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	53.28	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	45.25	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	47.78	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.3	61.76	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	47.9	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.3	66.64	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	66.76	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	70.48	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	59.89	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	130.9	62	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.3	68.98	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	49.25	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	168.3	70.3	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	44.82	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	54.99	NSP11177	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	54.08	NSP11177	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	54.95	NSP34X17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	123.2	54.23	NSP34X17	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	70.55	-12.47	SMP16011	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	30.77	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	29.94	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	31.51	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	33.63	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	70.55	42	SMP16011	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	70.55	41.66	SMP16011	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	31.16	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	60	29.75	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	60	30.8	BASE CASE	Peak

FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	70.13	-15.69	SMP16011	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	30.54	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	63.75	26.74	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	28.7	ALW16013	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	33.21	MEC34002	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	59.2	35.83	MEC34050	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	34	-20.8	ALW34004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	34	19.53	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40	-13.33	NSPALW03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	80	-26.67	WAU34X06	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.57	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.62	NSP11137	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.51	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.64	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.57	OTP23100	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.52	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	11.89	ALW69070	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	11.87	MPSAEC01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	12.44	NSP16030	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51.17	16.85	NSP69045	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36.32	11.92	NSP11269	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36.32	11.97	MP2303	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	51	-12.7	NSP34001	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	51	-13.25	NSP34001	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	51	28.36	GRE34X01	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	102	33.73	AMO13050	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	102	34	OTP23016	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	102	33.33	OTP34104	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	102	32.27	OTP23102	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	96	32	MECOPP1	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	96	31.4	OTP34101	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	102	28.2	MEC34002	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	97.75	3.32	OTP34101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	97.75	8.18	OTP23102	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	97.75	-47.85	WAU34029	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	21.8	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	23.99	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	23.32	ALW16095	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	22.86	ALW16095	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	14.8	WAU34029	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	14.48	NSP69045	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-23.47	NSP16030	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-24.68	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-23.01	ALW16103	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-22.66	NSP16030	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	60.35	-27.44	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	60.35	-27.7	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-21.7	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	52.7	19.49	NSP16030	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	49.6	13.86	ALW16X81	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	49.6	13.11	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	52.7	-22.57	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	49.6	-22.54	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	49.6	-22.02	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	22.46	ALW69240	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	18.81	ALW69240	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	23.47	ALW69240	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	134.3	-126.9	OTP11111	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	134.3	-116.31	OTP11111	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	126.4	-116.57	OTP23009	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-21.55	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-20.79	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-20.99	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-18.93	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-20.4	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	45.9	-21.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-24.8	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-20.6	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	50.15	-21.19	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	65.45	-25.58	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	65.19	-29.19	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	From-To	45.48	11.55	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	47.2	-22.16	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	49.98	-20.2	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	47.2	-21.94	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	65.19	-28.55	NSP34X29	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	From-To	45.48	12.27	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA DPC	From-To	42.8	10.99	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	509.6	-254.11	MEC34002	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	509.6	-262.85	MEC34002	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	541.45	-242.34	MEC34002	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	541.45	-256.39	MEC34002	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	541.45	-222.79	AMO34035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	509.6	-192.96	AMO34035	Off-peak
FROM_BUS_CA AECI TO_BUS_CA ALTW	To-From	38.25	-27.1	ALW69252	Peak
FROM_BUS_CA AECI TO_BUS_CA ALTW	To-From	38.25	-25.39	ALW69252	Peak
FROM_BUS_CA AECI TO_BUS_CA ALTW	To-From	38.25	-22.05	ALW69252	Off-peak
FROM_BUS_CA AECI TO_BUS_CA ALTW	To-From	40.8	-29.95	ALW69252	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	85	28.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	85	-28.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	80	26.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	80	26.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	85	28.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	85	-28.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	85	-28.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	85	-28.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	84	15.96	NSP16X34	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	21.18	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	22.1	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	20.32	ALW16098	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	20.88	ALW16098	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	22.05	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	25.18	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	23.66	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	23.7	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	23.05	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	23.82	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	68	31.65	ALW16088	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	68	31.9	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	23.09	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	26.42	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.15	27	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	47.2	24.35	ALWMEC38	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	240.15	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	244.1	NSP11019	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	258.4	-122.37	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	258.4	-198.8	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	284.75	-159.23	ALW16098	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	284.75	-156.52	ALW16098	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-42.3	ALW3403	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-42.5	ALW3403	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	131.2	-43.73	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	139.4	-46.87	GRE23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	139.4	-46.47	MPSNPP01	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	139.49	-56.76	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	139.49	-46.49	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	139.49	-46.49	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	131.2	-43.73	NSP34102	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	131.28	-43.76	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	131.28	-43.76	MP23011	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	107.1	-69.02	MP23010	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	74.8	-40.6	OTP23013	Peak

FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	74.8	-44.83	OTP23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	74.8	-46.42	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	70.4	-43.52	OTP23016	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	70.4	-44.55	OTP23016	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	84.15	45.66	OTP23013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	84.15	48.98	OTP23013	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	48.55	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	45.92	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	51	44.38	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	163.03	85.91	NSP11027	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	153.6	83.41	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	203.15	69.3	NSP11027	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	203.15	34.57	NSP11027	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	326.4	-132.4	MEC16066	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	307.2	-132.87	ALW16139	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	326.06	-119.29	OTP23013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	159.83	OTP34103	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	160.17	OTP34103	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	162.03	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	163.63	OTP34001	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	382.4	159.8	WAU34033	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	382.4	150.33	WAU34033	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	149.97	OTP34101	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	406.3	149.3	OTP34101	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	382.4	146.6	OTP23016	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	95.2	76.12	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	103.2	68.36	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	103.2	69.91	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	119	91.48	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	103.2	83.51	NSP11109	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	103.2	84.34	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	213.86	92.7	NSPALW05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	39.95	16.19	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	39.7	14.11	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	39.95	15.61	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	39.95	16.22	BASE CASE	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	61.2	-30.77	MECALW08	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	57.6	-21.05	ALW16034	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-30.45	MEC34050	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	156.4	-63.32	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	14.23	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	17.35	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	13.19	ALW16X31	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	12.95	ALW16X31	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	17.58	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	17.69	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	19.74	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	19.11	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	47.2	14.52	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	64.6	23.35	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	50.15	17.49	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	47.2	18.62	ALW16150	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	62.05	-18.67	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	62.05	-18.67	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	62.05	-18.67	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	70.55	25.28	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	62.05	22.62	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	From-To	70.55	25.32	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	70.55	-21.43	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	62.05	-18.62	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	70.55	-21.46	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	62.05	-18.94	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-916.63	NSP34012	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-895.71	NSP34012	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-457.87	GRE34X01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-494.96	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-461.78	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-500.35	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-474.77	GRE34X01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	209.1	144.16	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-495.27	WPS34003	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-495.75	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-499.05	NSP11007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-500.86	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	620.5	-588.13	WR23002	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	584	-478.36	NSP34015	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	1015.8	526.79	NSP34031	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	1015.8	505.93	NSP34031	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-663.82	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	1015.8	-726.84	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	956.08	-707.02	NSP34055	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	43.89	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	43.76	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	40.03	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	41.01	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	46.42	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	56	41.16	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	56	41.65	BASE CASE	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	85.42	ALW11006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	90.35	ALW11006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	114.46	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	99.67	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	93.72	ALW11024	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	166.6	96.08	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	156.8	73.1	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	17.55	ALW16171	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-64.82	ALW16131	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-66.43	ALW16131	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-84.35	ALW16058	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-84.61	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	167.45	-128.47	ALW16058	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	22.95	16.61	OTP34103	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	22.95	16.23	OTP3401G	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	22.95	15.88	OTP34103	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	22.95	17.54	OTP34103	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	23.41	23.41	OTP23024	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	21.6	14.27	OTP3401G	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	22.95	20.61	OTP23024	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	21.6	14.99	OTP3401G	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	22.95	-2.55	OTP34104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	38.25	-1.86	OTP23024	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	21.6	10.48	OTP23024	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	21.6	-14.02	OTP34104	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	38.25	-19.6	OTP3404G	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	48.62	19.86	OTP23024	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	38.25	-13.79	OTP23024	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	67.15	26.29	NSP34008	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	67.15	29.01	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	67.15	28.1	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	67.15	25.2	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	63.2	27.98	NSP34011	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	50.15	-21.71	NSP34001	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	50.15	14.34	NSP34049	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	50.15	14.87	NSPGEN07	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	50.15	14.82	NSP34049	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.2	15.09	MPWPS01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	49.98	10.48	GRENSP01	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	446.4	142.69	NSP34015	Off-peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	446.4	152.5	NSP34015	Peak
FROM_BUS_CA GRE TO_BUS_CA NSP	From-To	446.16	140.21	NSP34015	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	167.45	-55.82	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	167.45	-55.82	ALWMEC37	Peak

FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	157.6	-52.53	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	157.6	-52.53	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	167.45	-55.82	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	167.45	-55.82	NSP34015	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	157.6	-52.53	NSP34015	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	167.45	-55.82	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	125.8	-41.93	WAU34029	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	118.4	-39.47	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	118.4	-39.47	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	204	43.8	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	204	68	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	204	-110.07	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	204	-68	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	204	-71	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	204	-68	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	192	-7.2	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	192	-141.27	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	22.1	7.37	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	22.1	7.57	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	22.1	7.57	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	22.1	7.37	ALENSP1	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	22.1	8.3	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	20.8	6.93	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	21.25	7.08	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	119	-105.63	MHEOTP02	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	119	-78.15	WAU11114	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-19.96	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-20.89	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-21.15	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-18.97	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	61.2	-19.88	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	56.95	-17.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	57.6	-20.06	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	57.6	-18.08	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	60.95	-21.28	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	181.9	-194.04	NSP34102	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.2	-144.46	NSP11109	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	188.8	-110.24	NSP34032	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	145.35	93.52	NSP16030	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	437.92	250.38	NSP34X13	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.92	-280.76	NSP34032	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.75	-329.08	NSP34X13	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	437.75	-319.28	NSP34X13	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	59.5	19.83	NSP11053	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	59.5	19.83	OTPGRE04	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	59.5	-19.84	NSP11053	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	59.5	-19.84	NSP11137	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	59.5	-19.84	NSP11137	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	59.5	-19.84	NSP11137	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	56	18.66	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	8.68	NSP11096	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-5.08	BASE CASE	Peak
FROM_BUS_CA WAUE TO_BUS_CA OTP	To-From	184.8	-61.52	OTPGRE4G	Peak
FROM_BUS_CA WAUE TO_BUS_CA OTP	To-From	184.8	-61.53	OTPGRE4G	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	526	-525.97	OTP34104	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	536.9	-536.84	OTP23102	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	310.25	92.75	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	62.4	18.77	NSPGEN07	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	62.4	14.45	NSPGEN07	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	95.2	-44.38	MP23014	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	62.4	-30.54	MP23014	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	9.32	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	8.87	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	9.73	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	7.59	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	7.86	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12.75	8.66	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	12	9.01	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	187.85	219.74	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	232.9	242.3	NSP11228	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	187.85	138.65	NSP11229	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	157.25	-146.82	NSP34102	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	222.65	-222.62	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	199.75	-210.52	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	188	-205.87	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	188	-209.6	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	199.07	-78.32	NSP34105	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	199.07	-94.72	NSP34105	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	285.6	113.56	OTP34001	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	43.35	-21.84	ALW16052	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	To-From	43.35	-17.02	ALW16162	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	43.35	11.5	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	47.2	-31.51	CEALW01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	95.2	31.73	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	95.2	-31.73	MECALW08	Off-peak
FROM_BUS_CA NSP TO_BUS_CA MP	From-To	238	78.99	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA MP	From-To	238	79.05	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA MP	From-To	228.25	228.25	MPGEN03	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.47	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.48	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.49	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40	-13.68	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40	-13.66	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	AMI34035	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	47.6	15.87	MP23X04	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	44.8	14.93	NSP34107	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	247.35	102.15	NSP11220	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	311.95	-117.05	NSP11125	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	311.95	-161.72	NSP11125	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	232.56	149.9	NSP34X13	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-27.7	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-10.14	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	86.4	-9.34	AMI34035	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-29.22	CEMEC04	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-29.86	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-16.46	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-29.66	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-29.88	SPACSW12	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-29.7	MEC34112	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	91.8	-18.74	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	86.4	-17.06	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MHEB	To-From	212.5	-161.07	OTP11083	Off-peak
FROM_BUS_CA MP TO_BUS_CA MHEB	To-From	212.5	-171.01	OTP11083	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-24.4	MEC34034	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-22.37	MEC34034	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	112.2	-53.89	OTP23X27	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	112.2	-84.91	OTP23X27	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	112.2	-52.83	OTP23X27	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	105.6	-54.08	OTP23X27	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	112.2	-49.68	OTP23X27	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	105.6	-48.36	OTP23X27	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	251.54	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	327.25	212.92	MPNSP03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	261.29	MPGEN03	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	406.3	301.52	MPGEN03	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	406.3	304.82	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	327.08	214.15	MP23017	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.84	230.43	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.84	203.94	MPGEN03	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	63.75	-23.33	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	89.25	-36.78	ALW16X77	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	89.25	-33.03	ALW16X77	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	89.25	-37.46	ALW16X77	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	89.25	-35.06	ALW16X77	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	84	-33.58	ALW16X77	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.67	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.65	ALW16X56	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.49	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.1	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.11	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	14.18	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	16.19	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.8	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.63	NSPALW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	14.6	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.34	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.39	NSPALW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.47	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.55	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	14.18	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	15.13	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	14.5	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	21.57	ALW16095	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.8	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	11.96	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	11.26	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	16	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	15.16	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	22.22	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	51	7.62	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	44.95	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	49.42	ALENSP2	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	43.61	MP23007	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	47.53	ALENSP2	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	102.4	45.09	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	57.91	OTP34001	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	92.49	MPGEN03	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	108.8	71.07	MPNSP05	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	62.4	21.14	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	73.27	-26.94	NSP34007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	274.55	118.33	NSP34001	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	209.95	75.54	NSP34001	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	57.8	17.96	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	57.8	20.66	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	54.4	18.1	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.25	37.45	NSP34032	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.25	27.79	NSP34032	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	189.6	-91.46	ALW34004	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	223.55	180.11	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	223.55	169.06	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-23.02	MEC34050	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	20.14	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	17.7	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	19.36	ALW16088	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	18.19	ALW16088	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	18.06	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	18.83	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	18.13	ALW16088	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	18.6	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.6	-23.75	ALWMEC39	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	17.08	AMO34035	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	16.67	MEC34034	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	63.75	-21.25	GREOTP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	60	40	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	8.04	NSP11096	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	3.93	NSP11187	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	3.74	NSP11187	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	35.2	-3.69	NSP34X21	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	37.4	9.79	NSP11220	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	254.1	NSP34X35	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	254.56	NSP34X35	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	478.4	198.08	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	478.4	182.66	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	186.15	84.76	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.72	103.97	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.72	104.93	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	175.2	84.96	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	175.2	101.36	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.72	99.13	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	185.72	103.15	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.8	101.81	NSP34048	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	87.55	-47.81	OTP23X12	Peak

FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	87.55	-49.18	OTP23X12	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	82.4	-45.01	OTP23X12	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	87.47	42.81	MP2305	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	87.47	34.66	MP23004	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	121.89	-40.01	WAU23023	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	121.89	40.1	NSP69045	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	121.89	40.01	OTP34002	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	78.2	-20.54	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	78.2	-27.95	ALW16X31	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	78.2	-26.52	ALW16065	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	67.15	14.71	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	67.15	13.29	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	29.02	ALW16065	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	29.28	ALW16065	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	72.8	31.54	ALW16065	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-546.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-550.73	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-426	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	640	-437.47	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	640	-442.73	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-401.87	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-670.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-670	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	680	-657.93	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	640	-634.93	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	847.1	-847.1	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	844.5	-844.43	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	816	-777.47	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	816	-766.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	768	-733.27	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	768	-758.2	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	257.38	135.02	NSP34001	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	312.04	221.59	OTP34100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	240.8	154.79	OTP23002	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-31.66	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-36.16	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-29.49	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-34.94	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-26	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-32.76	MECMPW02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-32.61	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	66.3	-26.27	MECMPW02	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-30.14	AMI13068	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-32.88	ALW16X22	Peak

FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-33.96	ALW16X22	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	66.3	-35.48	MEC34034	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-32.39	ALWAMO01	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-31.47	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-30.35	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	66.3	-36.15	ALW16X22	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-29.72	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	63.75	-31.04	ALWAMO01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-30.17	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA MEC	To-From	60	-30.15	ALWMEC38	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	27.09	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	26.96	MEC34112	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	112	-48.44	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	To-From	119	-46.92	ALW69203	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	55.2	44.81	MEC16032	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	55.2	42.59	MEC16032	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	87.6	-87.6	ALW16150	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	90.61	-90.6	WAUAEC01	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	64	-64.27	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	64	-64.27	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.6	-62.6	MEC34009	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.2	-60.4	MEC34112	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	98.4	-98.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-23.02	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-23.38	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	74.8	-23.97	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	108.8	36.27	OTP23016	Peak
FROM_BUS_CA ALTW TO_BUS_CA MPW	To-From	53.55	-17.16	ALWMPW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA MPW	To-From	53.55	-19.97	AMI13068	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA MPW	To-From	53.55	-20.03	AMI13068	Peak
FROM_BUS_CA ALTW TO_BUS_CA MPW	To-From	53.55	-25.42	ALWMPW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA MPW	To-From	53.55	-15.87	ALWMPW01	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-24.67	ALW16157	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	79.9	-36.18	ALW69017	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-67.2	ALW16X40	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.8	-62.62	ALW16X40	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	20.28	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	21.55	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	20.65	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	20.38	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	21.81	ALW16X40	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	58.4	19.44	ALW34X02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	58.4	20.19	ALW34X02	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	23.79	ALW69017	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.05	24.08	ALW69017	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	70.55	28.6	ALW69017	Off-peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	From-To	96.05	21.44	MHEOTP01	Peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	To-From	82.45	-27.81	BASE CASE	Peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	To-From	82.45	-27.72	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	To-From	90.08	-30.29	GRE11101	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	182.75	70.31	NSPALW02	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	182.75	79.32	NSPALW02	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	182.75	60.92	ALWNSP1G	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	100.56	-38.64	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-33.03	MDUOTP12	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	102.85	-36.67	MDUOTP12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	181.38	WAUNSP02	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	338.3	-212.1	WAUNSP02	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	49.2	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	64.53	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	158.95	57.78	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	175.1	59.2	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.84	59.15	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	174.84	90.55	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	149.6	106.2	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	149.6	101.13	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	225.43	WAUNSP02	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	239.88	WAUNSP02	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.72	172.95	NSP11170	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	79.05	-31.15	DPC16006	Peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	From-To	95.2	31.14	BASE CASE	Off-peak
FROM_BUS_CA DPC TO_BUS_CA ALTW	To-From	79.05	-30.66	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-22.17	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-20	DPC16006	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-20.46	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	11.09	ALW16X15	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	410.55	-364.03	MDUOTP10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	386.4	-402.67	MDUOTP10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	461	-460.8	MDUOTP10	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	461	-441.34	OTP23103	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	386.4	-435.25	MDUOTP10	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	529.82	-529.82	MDUOTP10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	410.38	-95.15	OTP34X3G	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	447.01	-208.14	OTPGEN10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	410.38	-106.46	OTPGEN01	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	386.24	-202.43	MDUOTP10	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	386.24	-203.69	OTPGEN10	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	507.11	-169.04	OTP34103	Peak

FROM_BUS_CA MP TO_BUS_CA MP	To-From	507.11	-169.04	OTP23100	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	507.11	-169.04	GREOTP10	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	477.28	-159.09	ALW16119	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	477.28	-159.09	WAUGRE02	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	422.45	-390.15	ALW69127	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	498.95	-496.38	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	397.6	-302.4	WAU34033	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	397.6	-304	MP23004	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	541.45	-381.95	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	519.65	-519.62	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	541.45	-393.02	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	498.95	-337.32	WAU34033	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	498.95	-352.78	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	469.6	-362.13	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	469.6	-350.8	BASE CASE	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	498.69	-288.9	MP23004	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	469.36	-280.99	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	147.9	-76.18	NSPGRE01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	148.07	-59.46	NSPGRE01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	148.07	-63.67	NSPGRE01	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	115.6	-38.41	OTP34101	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	115.6	-38.23	ALW16139	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	108.8	-36.09	BASE CASE	Off-peak
FROM_BUS_CA GRE TO_BUS_CA GRE	To-From	108.8	-36.07	NSP23102	Peak
FROM_BUS_CA GRE TO_BUS_CA GRE	From-To	115.6	38.7	OTP34001	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	163.54	-67.6	GRE34X05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	163.54	-66.33	GRE34X05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	153.6	-64.3	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	153.6	-62.74	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	163.54	-75.4	GRE34X05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	153.92	-84.67	NSP34048	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	153.92	-79.29	NSP34048	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	13.6	4.53	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	13.6	-4.53	SPCWAU01	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	13.6	-4.53	OTP34X09	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	12.8	4.27	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	13.6	-4.74	MPNSP05	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	313.65	170.98	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	285.6	162.04	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	356.57	205.78	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	268.8	152.57	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	285.35	133.41	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	268.56	148.45	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	268.56	141.72	BASE CASE	Peak

FROM_BUS_CA NSP TO_BUS_CA DPC	To-From	284.41	-155.08	NSP34X29	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	88.4	29.48	ALW16131	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	71.4	-31.21	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	71.4	-28.68	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	67.2	-25.66	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	67.2	-24.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	71.4	-28.23	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-24.52	DPC16006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-24.39	DPC16006	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	57.9	NSP34X29	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	57.04	NSP34X29	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	58.42	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	57	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	79.04	MPWPS01	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	40.44	NSP34X29	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	37.24	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	32.71	ALWDPC36	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	85	40.18	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	184	108.92	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	195.5	90.84	NSP34X29	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	142.8	-93.56	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	23.8	11.07	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	To-From	26.35	-6.78	ALWNSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	To-From	24.8	-7.32	ALWNSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	26.35	13.5	ALW16095	Off-peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	To-From	26.35	-4.66	ALWNSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	26.35	13.21	ALW16095	Peak
FROM_BUS_CA NSP TO_BUS_CA ALTW	From-To	26.35	10.21	NSP34007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	351.9	-233.08	NSP34X25	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	191.2	-181.24	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	196.09	-196.08	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	285.94	-201.18	NSP34105	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	187	119.65	ALW11006	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	176	113.1	ALW11006	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	45.9	14.26	DPC16100	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	45.9	14.14	DPC16100	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	45.9	14.18	DPC16100	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	45.9	14.15	DPC16X12	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	68.85	35.65	DPC16105	Off-peak
FROM_BUS_CA DPC TO_BUS_CA DPC	To-From	45.3	-16.37	DPC16X12	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	176.8	97.07	DPC16105	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	176.8	90.53	ALW34100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	107.95	-91.94	MPNSP05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	101.6	-67.74	MPGEN03	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	101.6	-73.86	MPGEN03	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	10.27	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.33	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-14.05	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-18	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.4	-14.87	ALWNSP10	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	103.2	-48.85	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	103.2	-38.72	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	147.65	-87.42	NSP11005	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	147.65	-85.21	GREDC3G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	88	56.42	ALWMEC38	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	88	56.62	ALWMEC38	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	74.8	24.67	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	74.8	24.67	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	74.8	24.67	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	70.4	23.2	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	74.8	24.93	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	74.8	24.07	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-51.85	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	158.95	-51.98	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	147.9	-49.3	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	147.9	-49.3	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	139.2	-45.27	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	139.2	-45.27	BASE CASE	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	101.15	33.72	OTP23016	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	508.3	450.43	NSP34104	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	508.3	373.27	NSP34104	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	433.32	NSP34104	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	507.96	431.06	NSP34104	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.96	-48.87	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	58.96	-49.28	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.1	46.52	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	25.75	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	31.49	ALW16033	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	29.9	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	44	42.31	ALW16033	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	31.62	ALW16X56	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	32.58	ALW16169	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	72.69	MP11074	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	74.48	MP11074	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	66.57	MP11074	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	69.96	MP11074	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	77.25	MP11074	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	57.32	MP11074	Off-peak

FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	47.59	MP11046	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	41.4	MP11046	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	40.86	MP23X04	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	41.38	MP11046	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	43.2	MP11046	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.48	76.48	MP11046	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	76.5	46.67	MP11046	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	80.82	80.81	MP11046	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	67.26	MP11046	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	72	68.58	MP11046	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	276.25	-89.18	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	316.2	-101.65	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	260	-83.75	ALW16161	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	260	-83.62	ALW16161	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	260	-15.5	ALW16119	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	53.55	-21.73	ALW3403	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	53.55	14.43	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	53.55	19.63	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	53.55	20.67	ALW16088	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	53.55	20.22	ALW16088	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	50.4	21.06	ALWMEC38	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-41.05	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-36.72	ALW16058	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-32.38	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-35.28	ALW16058	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-33.75	ALW16058	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	76.8	-36.34	ALW16058	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	81.6	-32.99	ALW16058	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	100.3	50.52	ALW16059	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	76.8	36.37	ALW16120	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	74.8	25.43	ALW16X12	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	74.8	26.32	ALW16X12	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	85	54.68	ALW16120	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	74.8	41.79	ALW16059	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	74.8	41.79	ALW16120	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	85	54.68	ALW16059	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	70.4	46.75	ALW16059	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	70.4	46.96	ALW16120	Peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	70.4	46.75	ALW16120	Off-peak
FROM_BUS_CA WAUE TO_BUS_CA ALTW	From-To	70.4	46.96	ALW16059	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	120	-40	BASE CASE	Peak

FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	120	-40	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	120	-40	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	120	-40	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Off-peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	127.5	-42.5	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	To-From	120	-40	BASE CASE	Peak
FROM_BUS_CAMP TO_BUS_CAMP	From-To	120	40	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	172.55	164.33	ALENSP2	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	172.55	158.15	ALENSP2	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	162.4	142.21	ALENSP1	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	100.3	-52.11	ALW16X81	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	94.4	-46.49	ALW16X81	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	100.3	-51.91	ALW16X81	Peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	50.15	-29.7	ALW34X02	Off-peak
FROM_BUS_CALTW TO_BUS_CALTW	To-From	50.15	-27.75	MEC34020	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	MPSAEC01	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	BASE CASE	Peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	OTP34002	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	OTP34002	Peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	BASE CASE	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	OTP34X06	Peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	WAU23010	Peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	132	-44	BASE CASE	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	140.25	-46.75	BASE CASE	Off-peak
FROM_BUS_CAOPT TO_BUS_CAOPT	To-From	132	-44	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	8.5	-2.83	BASE CASE	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	8.5	2.83	OTP23100	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	8.5	2.1	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	8.5	2.03	CIN34X49	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	8.5	-2.83	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	From-To	8	2.67	WAUNSP03	Off-peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	8	-2.67	BASE CASE	Peak
FROM_BUS_CANSP TO_BUS_CANSP	To-From	8.5	-2.83	BASE CASE	Peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	110.75	-38.68	NSP69045	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	110.75	-38.36	NSP34104	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-29.93	ALWNSP10	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-29.04	NSP34X35	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	23.8	7.93	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	23.8	7.4	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	23.8	7.93	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	23.8	-15.2	GRE23016	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	23.8	-7.93	WAUAEC01	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	22.4	-7.47	WAU34033	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	22.4	-7.47	WAU34033	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	135.15	57.76	MP23010	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	77.35	-33.44	ALW3403	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	80	-54.4	ALW69227	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	117.92	39.31	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	125.29	-41.76	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	38.25	-14.26	ALW69127	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	To-From	38.25	-13.24	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA NSP	From-To	38.25	16.33	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-18.09	NSP34008	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	46.75	-22.98	NSP34011	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	51.4	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	51.43	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	47.66	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	47.33	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	119	47.06	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-29.77	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-28.77	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	112	47.53	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	112	47.93	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-30.5	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-27.1	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	112	-28.6	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-41.69	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-41.87	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-41.82	OTP23100	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	119	-42.26	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	62.65	-26.22	OTP23100	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	59.5	11.7	OTP23100	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	116.8	45.26	NSP34055	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-12.78	ALW69140	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-13.56	ALW69140	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-10.61	ALW69140	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-8.29	ALW69140	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-12.03	ALWNSP10	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-9.13	ALW69140	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	29.75	-10.02	ALW69127	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	39.1	-16.55	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	28	-10.18	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	28	-8.92	ALW69140	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	28	-9.24	ALW69140	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	28	-9.54	NSP34X17	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	32.61	MEC34050	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	28.27	ALW16013	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	93.61	-93.61	OTP11111	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	To-From	85.81	-85.81	OTP11111	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	67.06	47.12	OTP11X1	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	67.06	46.64	OTP11X1	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	67.06	39.54	OTP11X1	Peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	67.06	39.82	OTP11X1	Off-peak
FROM_BUS_CA OTP TO_BUS_CA OTP	From-To	63.12	41.31	OTP11X1	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	8.64	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	7.71	NSP34011	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	33.6	6.56	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	33.6	7.48	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-10.6	NSP11007	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	19.87	NSP11005	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.94	ALWNSP15	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	35.7	22.77	NSP11005	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	40.8	-14.8	NSP34011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	35.7	-20.23	NSP11007	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	33.6	-12.61	NSP34011	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	79.9	26.63	BASE CASE	Peak
FROM_BUS_CA DPC TO_BUS_CA DPC	From-To	79.9	26.63	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	25.92	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	23.36	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	28.53	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	62.9	30.26	NSPALW17	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	154.7	-52.74	ALW16123	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	145.6	-39.54	ALW16123	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	145.6	-40.63	ALW16123	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	112	37.33	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	112	37.33	BASE CASE	Off-peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Peak

FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	119	39.67	BASE CASE	Peak
FROM_BUS_CA SMP TO_BUS_CA SMP	From-To	112	37.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	119	-38.47	OTP23007	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	132.6	-44.2	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	132.6	-44.2	NSP34X28	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	263.5	-239.64	NSP11002	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	263.5	-225.43	NSP11002	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	254.96	-201.45	ALENSP1	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-23.93	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-26.26	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	62.9	-27.11	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	72.25	-33.35	ALW16138	Off-peak
FROM_BUS_CA GRE TO_BUS_CA WAUE	To-From	327.08	-161.02	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	197.6	102.05	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	210.03	141.25	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	210.03	133.77	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	197.6	111.88	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	195.5	-65.17	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	239.44	79.81	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	239.44	79.81	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	195.5	65.17	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	195.5	65.17	NSP34115	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	184	61.33	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	184	61.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	184	61.33	NSP34115	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	245.5	-246.59	NSP34115	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	221.2	-222.02	NSP34115	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	239.44	-209.31	NSP34115	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	609.53	-213.43	OTP23100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	609.53	-267.09	MEC34112	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	609.53	-274.19	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	609.53	-262.67	ECSW17	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	573.68	-248.53	WAU34029	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	573.68	-191.23	ALW16033	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	23.8	-21.86	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	200.39	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	196.17	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	6.8	-3.22	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	10.3	-10.27	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	9.5	-9.25	ALWMEC37	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	6.8	-4.67	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	195.26	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	398.4	168.73	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	201.73	NSP34X12	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	213.39	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	423.3	183.16	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	398.4	149.72	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-180.12	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-176.44	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	423.3	-186.09	NSP34X12	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-176.89	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	380.8	-178.98	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	423.3	-179.24	NSP34008	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	423.3	-181.59	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	398.4	-214.93	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	423.3	-193.9	NSP34X12	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	398.4	-194.74	NSP34008	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	191.85	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	195.43	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.7	156.24	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	162.1	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.7	143.26	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.7	138.55	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.7	149.67	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	169.78	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.3	157.78	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.7	147.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	289.6	148.55	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.4	157.28	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.4	148.09	NSP34055	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.4	156.9	NSP34055	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	150.04	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.27	155.87	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	158.21	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	307.27	145.58	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	171.72	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	338.64	158.04	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.72	153.12	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	318.72	146.94	NSP34011	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	294	293.64	NSP34048	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	63.75	-46.21	ALW34101	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	56.1	35.21	ALW34101	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	23.55	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	23.87	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	22.9	ALWNSP1G	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	22.72	ALWNSP1G	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	27.06	ALW69126	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	20.96	ALWNSP10	Off-peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	20.36	ALW69126	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	23.21	ALWNSP10	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	57.6	21.71	ALWNSP10	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.8	58.88	MP11039	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	83.3	55.11	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	83.3	47.14	BASE CASE	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.8	52.61	MP11039	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	78.4	50.41	BASE CASE	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	86.4	54.38	OTP23013	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	107.1	67.36	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.8	64.97	MPGEN03	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.8	64.94	MPGEN03	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	107.1	69.65	MPOTP13	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.63	55.31	MP23011	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	107.1	75.82	MPGEN03	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.63	55.14	MP23011	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	91.63	55.51	MPGEN03	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	107.1	73.25	MPOTP13	Peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	86.24	58.43	MP23011	Off-peak
FROM_BUS_CA MP TO_BUS_CA MP	From-To	86.24	60.73	MP23011	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	28.25	ALW16168	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	29.93	ALW16168	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	25.55	ALW16168	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	22.21	ALW16168	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	22.08	ALW16168	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.09	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.11	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	14.28	NSP11187	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	13.2	NSP11220	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.12	NSP34X28	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	42.5	-14.12	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	40	-13.24	ALENSP1	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	42.5	13.22	NSP11220	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.6	AECSPA17	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.58	OTP23016	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	12.8	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.4	12.8	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.58	ALW34008	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.6	ALW16138	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	13.6	MP11111	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	171.6	-171.59	MP11104	Peak
FROM_BUS_CA MP TO_BUS_CA MP	To-From	160	-117.88	NSP34X29	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	MEC34012	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.37	BASE CASE	Off-peak

FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.83	MEC34112	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	WAU34033	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.83	ALW16X56	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-53.87	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-73.5	NSP34107	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-53.87	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-65.9	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-74.57	NSP34011	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-72.97	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-73.17	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-61.2	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-64.87	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-68.23	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	171.7	-57.23	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-67.33	BASE CASE	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	161.6	-65.6	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	15.85	ALW16X81	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	17.25	ALW16139	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	19.98	ALW16139	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	16.45	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.25	-15.25	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.25	-14.86	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	14.37	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	15.53	NSPALW05	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	38.25	14.56	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	36	15.43	ALW16139	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.25	-9.6	NSPWAU09	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.25	-13.09	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	51.85	-19.34	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	38.25	-14.55	ALW16X70	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36	-10.85	ALW16034	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36	-10.83	ALW16138	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36	-13.54	ALW16103	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	36	-13.66	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.01	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	18.72	NSP16030	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	16.94	NSP16030	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	46.75	15.42	ALW16139	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	17.5	NSP16030	Peak

FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	40.8	15.54	ALW16103	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	83.3	-22.69	NSPALW05	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	74.97	28.6	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-7.53	BASE CASE	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-7.6	WAU34025	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-10	OTP34002	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	17	4.67	OTP23100	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	17	-7.13	OTP23100	Peak
FROM_BUS_CA NSP TO_BUS_CA NSP	From-To	16	2.87	NSP34X17	Off-peak
FROM_BUS_CA NSP TO_BUS_CA NSP	To-From	16	-8.53	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	68	19.2	AMO34018	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	68	-22.67	AMO34019	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	68	-27.47	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-38.4	OTP23016	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	89.6	-29.87	OTP23100	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	95.2	-31.73	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	61.2	21.31	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	53.55	-21.65	ALW16103	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-19.27	ALW69142	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-19.27	MEC34041	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-19.27	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	54.4	-18.13	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	54.4	-18.13	WAUNSP02	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	54.4	-18.13	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	57.8	-19.27	BASE CASE	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	54.4	18.13	ALW69142	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	From-To	54.4	18.13	ALW69142	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	49.3	23.82	NSP34X36	Peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	49.3	22.94	NSP34X36	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	43.35	24.63	NSP34X36	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	39.1	15.62	BASE CASE	Peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	46.75	19	BASE CASE	Peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	39.1	15.52	BASE CASE	Peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	46.75	18.61	BASE CASE	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	39.1	15.92	BASE CASE	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	39.1	15.8	BASE CASE	Off-peak
FROM_BUS_CA ALTE TO_BUS_CA DPC	From-To	36.8	15.72	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-20.91	ALW16054	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-20.67	ALW16052	Off-peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	65.45	-20.3	ALW16052	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-19.36	BASE CASE	Peak
FROM_BUS_CA ALTW TO_BUS_CA ALTW	To-From	61.6	-19.7	BASE CASE	Off-peak

Marginal Cost	Location (State)	[TRADE SECRET HAS BEEN EXCISED]	[TRADE SECRET HAS BEEN EXCISED]
3455.38	MN		
2425.46	MN		
1089.05	MN		
847.66	MN		
449.87	MN		
417.14	MN		
2738.24	MN		
409.27	MN		
322.85	MN		
240.05	MN		
201.18	MN		
4670.79	MN		
99.54	MN		
1474.69	MN		
200.15	MN		
4873.28	MN		
549.7	IA		
519.71	IA		
422.37	IA		
1102.27	MN		
8.55	MN		
91.57	MN		
468.19	MN		
366.98	IA		
31.68	IA		
202.55	IA		
538.06	IA		
380.73	IA		
151.13	IA		
3.95	IA		
1870.86	IA		
1497.01	IA		
1411.25	IA		
720.26	IA		
424.71	IA		
1748.86	IA		
1585.56	IA		
1472.1	IA		
872.23	IA		
324.77	IA		
322.93	IA		

974.61	IA		
649.44	IA		
691.3	MN		
529.07	MN		
172.83	MN		
64.64	MN		
406.57	MN		
61.72	MN		
39.54	MN		
37.21	MN		
33.73	MN		
965.54	MN		
1794.67	MN		
2330.71	MN		
239.26	MN		
71.02	MN		
23.91	MN		
254.19	MN		
59.42	MN		
50.11	MN		
18.33	MN		
293.08	MN		
170.1	MN		
213.32	MN		
109.8	MN		
99.1	MN		
70	MN		
5.09	MN		
225.22	MN		
24.3	IA		
1249.16	MN		
244.32	MN		
4106.76	MN		
3826.72	MN		
5084.18	MN		
2876.55	MN		
2870.85	MN		
2509.04	MN		
661.82	MN		
2593.71	MN		
1032.76	MN		
16855.39	IA		
7088.52	IA		
5383.59	IA		

4619.46	IA		
4172.85	IA		
1441.94	IA		
601.43	MN		
9016.39	MN		
5280.54	MN		
3520.49	MN		
7654.28	MN		
6912.61	MN		
3846.8	MN		
8861.22	MN		
2364.88	MN		
1980.3	MN		
1104.02	MN		
5351.35	MN		
4769.21	MN		
3303.04	MN		
2091.96	MN		
1763.35	MN		
1065.84	MN		
865.72	MN		
357.35	MN		
8326.32	MN		
4220.43	MN		
448.23	MN		
373.39	MN		
126.48	MN		
75.55	MN		
64.33	MN		
18.82	MN		
93.49	MN		
491.87	MN		
727.08	MN		
461.26	MN		
267.38	MN		
251.97	MN		
245.92	MN		
684.86	MN		
1086.98	MN		
1006.92	MN		
5742.47	MN		
2634.87	MN		
2821.11	MN		
21081.76	MN/WI		

14603.25	MN/WI		
14796.69	MN/WI		
14372.08	MN/WI		
1403.42	MN/WI		
1174.5	MN/WI		
8404.92	MN/WI		
7821.53	MN/WI		
7366	MN/WI		
6488.41	MN/WI		
3863.35	MN/WI		
3083.09	MN/WI		
2155.53	MN/WI		
2079.37	MN/WI		
880.5	MN/WI		
7154.33	MN/WI		
5159.22	MN/WI		
2253.8	MN/WI		
1481.71	IA		
682.68	IA		
2226.31	IA		
1108.1	IA		
503.72	IA		
233.69	IA		
138.17	IA		
270.08	IA		
262.1	IA		
217.12	IA		
365.91	IA		
216.84	IA		
9.79	SD		
30	SD		
588.77	IA		
9.29	IA		
1601.82	IA		
565.61	IA		
1325.78	IA		
18.17	IA		
3355.75	MP		
2572.29	MP		
2083.83	MP		
367	MP		
10093.48	MP		
9404.15	MP		
747.13	MP		

410.05	MP		
146.88	MP		
325.89	MN		
8.22	ND		
1286.31	SD		
883.66	SD		
324.06	SD		
1413.5	SD		
1150.72	SD		
1725.04	SD		
1151.81	SD		
1003.72	SD		
996.02	SD		
138.68	SD		
480.91	SD		
34.68	SD		
506.69	SD		
45.03	SD		
16.42	MN		
12.57	MN		
86.33	MN		
36.27	MN		
8.28	MN		
3249.8	MN		
2979.45	MN		
2897.12	MN		
2455.87	MN		
1339.87	MN		
4283.62	MN		
2284.6	MN		
1061.38	MN		
384.6	MN		
2174.88	MN		
2173.18	MN		
1211.88	MN		
248.47	MN		
184.65	MN		
124.85	MN		
116.5	MN		
814.98	WI		
164.19	WI		
296.37	WI		
1683.9	IA		
205.01	IA		

1209.5	IA		
33.05	WI		
8.42	WI		
27	WI		
23.81	WI		
5.65	WI		
10990.59	MN		
7474.3	MN		
40.3	IA		
30.47	IA		
0.01	IA		
474.04	MN		
319.97	MN		
1754.97	MN		
1026.11	MN		
1467.66	IA		
1435.07	IA		
1012.47	IA		
348.63	IA		
297.54	MN		
142.5	MN		
66.59	MN		
607.19	MN		
911	WI		
546.54	WI		
504.84	WI		
152.51	WI		
16.48	WI		
408.12	WI		
222.13	SD		
151.31	SD		
69.43	SD		
224.07	SD		
183.88	SD		
42.07	SD		
34.87	SD		
31.82	SD		
11.49	SD		
161.54	SD		
137.44	SD		
134.26	SD		
52.66	SD		
42.68	SD		
32.46	SD		

31.74	SD		
38.15	SD		
34.37	SD		
330.97	SD		
171.76	SD		
74.4	SD		
40.47	SD		
27.86	SD		
25.28	SD		
22.89	SD		
13.8	SD		
47.6	SD		
5.56	IA		
62.23	ND		
41.64	ND		
30.77	ND		
439.8	MN		
1280.44	MN		
146.31	MN		
166.89	MN		
389.39	MN		
105.79	MN		
100.56	MN		
27	MN		
57.54	MN		
777.75	MN		
544.8	MN		
250.77	MN		
182.99	MN		
474.3	MN		
307.56	MN		
204.74	MN		
78.25	MN		
3176.38	MN		
1385.62	MN		
1270.21	MN		
1062.47	MN		
808.48	MN		
763.03	MN		
621.84	MN		
2326.37	MN		
2268.02	MN		
535.43	?		
171.35	?		

79.99	?		
908.8	MN		
889.65	MN		
26.3	MN		
19.94	MN		
704.98	MN		
264.03	MN		
1188.25	MN		
238.03	MN		
196.11	MN		
56.35	MN		
165.63	MN		
74.98	MN		
2.5	MN		
41.95	MN		
30	MN		
30	MN		
30	MN		
72.93	MN		
257.89	MN		
90.14	MN		
0	MN		
50	MN		
1677.31	MN		
1378.28	MN		
186.16	MN		
212.53	IA		
38.38	IA		
740.56	IA		
520.66	IA		
448.49	IA		
207.21	IA		
70.3	IA		
2.32	IA		
78.18	IA		
437.3	MN		
256.93	MN		
77.89	MN		
464.3	MN		
297.25	MN		
27	MN		
174.11	MN		
171.31	MN		
1641.31	MN		

1403.45	IA		
3132.66	IA		
2403.96	IA		
2282.89	IA		
2281.83	IA		
1042.08	IA		
102.18	IA		
2868.1	IA		
2205.91	IA		
1667.92	IA		
934.67	IA		
11932	IA		
167.53	MN		
96.32	MN		
4156.05	WI		
3731.58	WI		
3231.72	WI		
1646.6	WI		
1380.98	WI		
899.14	WI		
934.87	WI		
557.64	WI		
2309.04	WI		
1904.87	WI		
1959.02	WI		
48.32	WI		
386.46	SD		
245.23	SD		
68.18	SD		
6.6	SD		
1177.05	SD		
926.66	SD		
486.16	SD		
412.99	SD		
192.13	SD		
172.28	SD		
390.01	SD		
357.71	SD		
220.86	SD		
45.35	SD		
31.65	SD		
65.87	SD		
344.21	SD		
332.1	SD		

16.16	?		
0.02	IA		
81.06	SD		
167.27	SD		
766.47	SD		
461.62	MN		
398.45	MN		
378.11	MN		
374.08	MN		
271.61	MN		
212.77	MN		
160.29	MN		
443.01	MN		
429.46	MN		
310.39	MN		
585.63	MN		
403.1	MN		
448.4	MN		
316.2	MN		
72.51	MN		
1865.17	MN		
574.83	MN		
454.27	MN		
392.71	MN		
3834.04	MN		
3776.52	MN		
2457.15	MN		
2162.52	MN		
1429.95	MN		
6980.43	MN		
5215.46	MN		
1653.53	MN		
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1180.82	MN		
106.27	IA		
254.53	IA		
252.39	IA		
239.03	IA		
155.17	IA		
84.62	IA		
18.38	IA		
5981.54	MN		

4041.29	MN		
193.63	MN		
4162.62	MN		
3017.91	MN		
2547.36	MN		
2234.68	MN		
1558.89	MN		
822.29	MN		
760.4	MN		
738.85	MN		
375.73	MN		
9669.68	MN		
5916.38	MN		
70.12	MN		
230.34	MN		
57.25	MN		
3.86	MN		
65.06	MN		
61.19	MN		
0.41	MN		
51.98	MN		
11.86	MN		
6.13	MN		
5.49	MN		
6.58	MN		
4.78	MN		
58.47	MN		
43.17	MN		
613.98	MN		
593.31	IA		
130.28	IA		
103.32	IA		
1691.62	IA		
1305.73	IA		
709.25	IA		
588.95	IA		
376.3	IA		
284.52	IA		
64.05	IA		
2191.87	IA		
1580.3	IA		
1025.52	IA		
836.44	IA		
707.6	IA		

375.3	IA		
81.09	IA		
1871.24	IA		
1831.59	IA		
725.24	IA		
265.41	IA		
279.52	IA		
223.59	IA		
3710.95	IA		
2465.42	IA		
1867.2	IA		
1278.14	MN		
5594.92	MN		
2346.4	MN		
314.02	MN		
187.15	MN		
47.79	MN		
27	MN		
0.21	MN		
89.63	MN		
154.32	MN		
121.55	MN		
11.35	MN		
68.66	MN		
146.15	IA		
1308.93	IA		
353.59	IA		
2949.19	MN		
2266.03	MN		
299.92	ND		
112.77	ND		
104.58	ND		
75.72	ND		
39.71	ND		
243.89	ND		
172.45	ND		
371.56	ND		
166.07	ND		
146.75	ND		
323.97	IA		
238	IA		
74.85	IA		
19.72	IA		
174.62	IA		

153.48	IA		
245.73	IA		
63.11	IA		
2.47	IA		
448	IA		
137.01	IA		
119.33	IA		
345.19	MN		
117.2	MN		
3521.14	MN		
1932.87	MN		
3270.24	MN		
252.62	MN		
4.75	MN		
5.75	MN		
34.75	MN		
502.63	MN		
114.77	MN		
358	MN		
68.8	MN		
13.66	IA		
2207.34	MN		
1817.12	MN		
1300.77	MN		
957.06	MN		
312.6	MN		
873.15	MN		
572.17	MN		
257.26	MN		
152.48	MN		
833.54	MN		
222.83	MN		
158.58	MN		
134.52	MN		
126.54	MN		
21.75	MN		
51.42	MN		
705.96	WI		
603.72	WI		
36.71	WI		
23.71	WI		
20.51	WI		
6.51	WI		
20.14	WI		

3.51	WI		
52.65	WI		
1845.55	WI		
821.57	WI		
93.67	WI		
18.82	WI		
205.94	WI		
30.96	WI		
87.77	WI		
428.8	MN		
3734.73	MN		
950.79	MN		
796.19	MN		
122.04	MN		
10776.89	MN		
4035.94	MN		
235.9	MN		
7166.89	MN		
1202.83	MN		
346	MN		
327.61	MN		
63.74	MN		
2285.29	MN		
2074.78	MN		
2026.34	MN		
225.41	MN		
12.19	IA		
0.02	IA		
1190.58	ND		
289.6	ND		
1370.84	ND		
298.24	ND		
137.87	ND		
4926.54	MN		
11481.23	MN		
2518.62	?		
3152.74	IA		
2045.24	IA		
259.81	ND		
190.41	ND		
149.04	ND		
145.57	ND		
93.57	ND		
91.07	ND		

158.52	ND		
114.5	ND		
79.37	IA		
65.54	IA		
351.23	IA		
323.94	IA		
95.27	IA		
219.9	IA		
99.81	IA		
90.08	IA		
17.91	IA		
12.95	IA		
42.96	IA		
833.89	IA		
705.44	IA		
52.07	IA		
93.41	IA		
70.97	IA		
122.53	IA		
66.36	IA		
417.86	IA		
40	IA		
488.61	MN		
290.08	MN		
1078.38	MN		
1465.93	MN		
146.65	MN		
1108.39	MN		
293.93	MN		
70.3	MN		
761.77	MN		
138.94	MN		
2338.23	MN		
2229.18	MN		
62.98	MN		
559.78	MN		
288.4	MN		
952.1	MN		
718.14	MN		
2164.32	MN		
26.51	WI		
50.19	WI		
35.3	ND		
166.49	?		

2302.61	?		
1617.44	ND		
1100.33	ND		
41.53	ND		
318.52	ND		
26.92	SD		
16.54	SD		
50184.37	IA		
47026.37	IA		
180.19	IA		
1750.94	MN		
1546.31	MN		
22151.25	MN		
16510.72	MN		
1352.94	MN		
1.81	MN		
376.78	IA		
223.8	IA		
166.06	IA		
314.83	IA		
174.17	IA		
37.05	IA		
21.52	IA		
125.76	MN		
60.18	MN		
47.46	MN		
1112.6	MN		
1922.16	MN		
1840.29	MN		
1554.03	MN		
1485.33	MN		
238.34	MN		
242.54	MN		
1382.03	MN		
258.26	IA		
1.74	IA		
6.9	IA		
172.25	IA		
23.25	IA		
5.76	IA		
534.99	ND		
609.77	IA		
254.75	ND		
86.23	ND		

2914.25	ND		
2265.06	ND		
1691.07	ND		
1926.24	ND		
4399.2	ND		
1352.02	ND		
713.28	ND		
2260.65	ND		
996.23	ND		
166.55	ND		
136.18	ND		
2489.91	IA		
738.81	IA		
698.06	IA		
171.98	IA		
1950.47	MN		
734.4	MN		
425.78	MN		
180.57	IA/MN		
632.29	IA/MN		
234.84	IA/MN		
75.37	IA/MN		
207.75	IA		
210.71	SD		
739.84	SD		
310.96	SD		
246.18	SD		
559.99	SD		
414.05	SD		
905.38	SD		
469.87	SD		
311.55	SD		
50.99	SD		
0.01	SD		
349.96	SD		
341.52	SD		
30	SD		
24.3	SD		
48.82	SD		
1606.03	MN		
1348.77	MN		
1194.5	MN		
391.95	MN		
2310.2	IA		

4699.04	IA		
1038.73	IA		
296.67	MN		
41.2	MN		
34.32	MN		
281.86	MN		
218.54	MN		
16.29	MN		
756.54	MN		
619.6	MN		
421.9	MN		
239.61	MN		
229.7	MN		
402.25	MN		
433.35	IA		
177.71	IA		
571.8	IA		
116.33	IA		
113.14	IA		
167.53	IA		
612.32	IA		
265.61	IA		
182.6	IA		
47.5	IA		
3912.7	IA		
2960.81	IA		
616.1	MN		
377.43	MN		
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3753.15	WI		

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3017.82	WI		
3955.58	WI		
3706.37	WI		
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185.25	WI		
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305.67	WI		
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50.86	WI		
373.52	WI		
326.08	WI		
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69.77	WI		
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191.01	WI		
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765.17	WI		
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