

SPD-37 Table 1: Data Set

[illegible]

SPD-37 Table 1: Data Set

id	cell_subsegment_id	cell_segment_id	circuit_segment_id	gnd_circuit_segment_id	prv_activity_code	fltrng	customer_count_residential	customer_count_non_residential	state	jurisdiction_district	franchise_level	asset_system_id
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	30	1	20	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	30	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1124CB	PG0006-03-UG-FAS	EWG	66	1	1	ALTO 1124CB	37	24	ALTO 1124CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	LAURELES 1112B654	PG0006-03-UG-FAS	EWG	39	25	25	LAURELES 1112B654	45	25	LAURELES 1112B654
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	JESSIE 1150B630	PG0006-03-UG-FAS	EWG	127	16	16	JESSIE 1150B630	25	17	JESSIE 1150B630
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ELECTRA 1151CB	PG0006-03-UG-FAS	EWG	165	18	18	ELECTRA 1151CB	358	18	ELECTRA 1151CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	MARPOSA 210110370	PG0006-03-UG-FAS	EWG	217	9	9	MARPOSA 210110370	553	9	MARPOSA 210110370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	RAIN RAFAEL 1103522	PG0006-03-UG-FAS	EWG	676	1	1	RAIN RAFAEL 1103522	431	1	RAIN RAFAEL 1103522
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	KONCINI 1102741370	PG0006-03-UG-FAS	EWG	90	5	5	KONCINI 1102741370	167	5	KONCINI 1102741370
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	PLACERVILLE 2100971170	PG0006-03-UG-FAS	EWG	204	37	37	PLACERVILLE 2100971170	298	37	PLACERVILLE 2100971170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	VOLTA 1150CB	PG0006-03-UG-FAS	EWG	8	2	2	VOLTA 1150CB	352	2	VOLTA 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERMAN 1150CB	PG0006-03-UG-FAS	EWG	75	30	30	GERMAN 1150CB	16	39	GERMAN 1150CB
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	USO GATOR 1507B-266A	PG0006-03-UG-FAS	EWG	75	1	1	USO GATOR 1507B-266A	18	39	USO GATOR 1507B-266A
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	GERBYVILLE 1150D4170	PG0006-03-UG-FAS	EWG	18	24	24	GERBYVILLE 1150D4170	27	24	GERBYVILLE 1150D4170
PG0006-03-UG-FAS	PG0006-03-UG-FAS	PG0006-03-UG-FAS	ALTO 1									

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

nu_m	subproject_m	proj_id_m	circuit_segment_m	adr_circuit_segment_m	arc_activity_code	filings	customer_count_residential	customer_count_non_residential	swr_hv_mvolts_kv	branch_level	asset_system_m
Proj0001-SUG-AL1		Proj0001	MIWUK 1201CB			216	18	18	MIWUK 1201CB, 241 support structure, 0 capacitor bank, 8 fuses, 10 switch, 97 transformer		
Proj0002-SUG-AL1		Proj0002	MIWUK 1202CB			216	18	18	MIWUK 1201CB, 191 support structure, 0 capacitor bank, 8 fuses, 10 switch, 97 transformer		
Proj0003-SUG-AL1		Proj0003	FORESTHILL 1101CB			387	18	18	FORESTHILL 1101CB, 347 support structure, 1 capacitor bank, 20 fuses, 11 switch, 115 transformer		
Proj0003-SUG-AL1		Proj0003	FORESTHILL 1101CB			387	18	18	FORESTHILL 1101CB, 347 support structure, 1 capacitor bank, 20 fuses, 11 switch, 115 transformer		
Proj0003-SUG-AL1		Proj0003	FORESTHILL 1101CB			387	18	18	FORESTHILL 1101CB, 347 support structure, 1 capacitor bank, 20 fuses, 11 switch, 115 transformer		
Proj0004-SUG-AL1		Proj0004	DUNBAR 110379642			6	1	1	DUNBAR 110379642, 12 support structure, 0 capacitor bank, 0 fuses, 2 switch, 6 transformer		
Proj0004-SUG-AL1		Proj0004	DUNBAR 110379642			6	1	1	DUNBAR 110379642, 12 support structure, 0 capacitor bank, 0 fuses, 2 switch, 6 transformer		
Proj0004-SUG-AL1		Proj0004	DUNBAR 110379642			6	1	1	DUNBAR 110379642, 12 support structure, 0 capacitor bank, 0 fuses, 2 switch, 6 transformer		
Proj0005-SUG-AL1		Proj0005	FORESTHILL 11011820			46	3	3	FORESTHILL 11011820, 128 support structure, 0 capacitor bank, 5 fuses, 8 switch, 26 transformer		
Proj0005-SUG-AL1		Proj0005	FORESTHILL 11011820			46	3	3	FORESTHILL 11011820, 128 support structure, 0 capacitor bank, 5 fuses, 8 switch, 26 transformer		
Proj0005-SUG-AL1		Proj0005	FORESTHILL 11011820			46	3	3	FORESTHILL 11011820, 128 support structure, 0 capacitor bank, 5 fuses, 8 switch, 26 transformer		
Proj0006-SUG-AL1		Proj0006	GRIVAN 1101CB			84	37	37	GRIVAN 1101CB, 96 support structure, 1 capacitor bank, 6 fuses, 8 switch, 15 transformer		
Proj0006-SUG-AL1		Proj0006	GRIVAN 1101CB			84	37	37	GRIVAN 1101CB, 96 support structure, 1 capacitor bank, 6 fuses, 8 switch, 15 transformer		
Proj0006-SUG-AL1		Proj0006	GRIVAN 1101CB			84	37	37	GRIVAN 1101CB, 96 support structure, 1 capacitor bank, 6 fuses, 8 switch, 15 transformer		
Proj0007-SUG-AL1		Proj0007	LOS GATOS 110782664			86	2	2	LOS GATOS 110782664, 140 support structure, 0 capacitor bank, 18 fuses, 2 switch, 40 transformer		
Proj0007-SUG-AL1		Proj0007	LOS GATOS 110782664			86	2	2	LOS GATOS 110782664, 140 support structure, 0 capacitor bank, 18 fuses, 2 switch, 40 transformer		
Proj0007-SUG-AL1		Proj0007	LOS GATOS 110782664			86	2	2	LOS GATOS 110782664, 140 support structure, 0 capacitor bank, 18 fuses, 2 switch, 40 transformer		
Proj0008-SUG-AL1		Proj0008	GEYSERVILLE 1102064170			26	35	35	GEYSERVILLE 1102064170, 273 support structure, 0 capacitor bank, 9 fuses, 1 switch, 75 transformer		
Proj0008-SUG-AL1		Proj0008	GEYSERVILLE 1102064170			26	35	35	GEYSERVILLE 1102064170, 273 support structure, 0 capacitor bank, 9 fuses, 1 switch, 75 transformer		
Proj0008-SUG-AL1		Proj0008	GEYSERVILLE 1102064170			26	35	35	GEYSERVILLE 1102064170, 273 support structure, 0 capacitor bank, 9 fuses, 1 switch, 75 transformer		
Proj0009-SUG-AL1		Proj0009	ALTO 1124430			723	48	48	ALTO 1124430, 379 support structure, 1 capacitor bank, 24 fuses, 5 switch, 141 transformer		
Proj0009-SUG-AL1		Proj0009	ALTO 1124430			723	48	48	ALTO 1124430, 379 support structure, 1 capacitor bank, 24 fuses, 5 switch, 141 transformer		
Proj0009-SUG-AL1		Proj0009	ALTO 1124430			723	48	48	ALTO 1124430, 379 support structure, 1 capacitor bank, 24 fuses, 5 switch, 141 transformer		
Proj0010-SUG-AL1		Proj0010	LAURELES 111208454			492	42	42	LAURELES 111208454, 445 support structure, 1 capacitor bank, 25 fuses, 3 switch, 157 transformer		
Proj0010-SUG-AL1		Proj0010	LAURELES 111208454			492	42	42	LAURELES 111208454, 445 support structure, 1 capacitor bank, 25 fuses, 3 switch, 157 transformer		
Proj0010-SUG-AL1		Proj0010	LAURELES 111208454			492	42	42	LAURELES 111208454, 445 support structure, 1 capacitor bank, 25 fuses, 3 switch, 157 transformer		
Proj0011-SUG-AL1		Proj0011	EL DORADO PH 2101668674			428	30	30	EL DORADO PH 2101668674, 352 support structure, 1 capacitor bank, 19 fuses, 12 switch, 150 transformer		
Proj0011-SUG-AL1		Proj0011	EL DORADO PH 2101668674			428	30	30	EL DORADO PH 2101668674, 352 support structure, 1 capacitor bank, 19 fuses, 12 switch, 150 transformer		
Proj0011-SUG-AL1		Proj0011	EL DORADO PH 2101668674			428	30	30	EL DORADO PH 2101668674, 352 support structure, 1 capacitor bank, 19 fuses, 12 switch, 150 transformer		
Proj0012-SUG-AL1		Proj0012	JESSUP 110193692			254	26	26	JESSUP 110193692, 245 support structure, 2 capacitor bank, 17 fuses, 12 switch, 95 transformer		
Proj0012-SUG-AL1		Proj0012	JESSUP 110193692			254	26	26	JESSUP 110193692, 245 support structure, 2 capacitor bank, 17 fuses, 12 switch, 95 transformer		
Proj0012-SUG-AL1		Proj0012	JESSUP 110193692			254	26	26	JESSUP 110193692, 245 support structure, 2 capacitor bank, 17 fuses, 12 switch, 95 transformer		
Proj0013-SUG-AL1		Proj0013	BEN LOWMND 0401944178			440	41	41	BEN LOWMND 0401944178, 330 support structure, 1 capacitor bank, 24 fuses, 21 switch, 130 transformer		
Proj0013-SUG-AL1		Proj0013	BEN LOWMND 0401944178			440	41	41	BEN LOWMND 0401944178, 330 support structure, 1 capacitor bank, 24 fuses, 21 switch, 130 transformer		
Proj0013-SUG-AL1		Proj0013	BEN LOWMND 0401944178			440	41	41	BEN LOWMND 0401944178, 330 support structure, 1 capacitor bank, 24 fuses, 21 switch, 130 transformer		
Proj0014-SUG-AL1		Proj0014	WOODACRE 1102851			91	4	4	WOODACRE 1102851, 67 support structure, 0 capacitor bank, 0 fuses, 0 switch, 23 transformer		
Proj0014-SUG-AL1		Proj0014	WOODACRE 1102851			91	4	4	WOODACRE 1102851, 67 support structure, 0 capacitor bank, 0 fuses, 0 switch, 23 transformer		
Proj0014-SUG-AL1		Proj0014	WOODACRE 1102851			91	4	4	WOODACRE 1102851, 67 support structure, 0 capacitor bank, 0 fuses, 0 switch, 23 transformer		
Proj0015-SUG-AL1		Proj0015	ELECTRA 1101CB			178	11	11	ELECTRA 1101CB, 558 support structure, 0 capacitor bank, 18 fuses, 11 switch, 137 transformer		
Proj0015-SUG-AL1		Proj0015	ELECTRA 1101CB			178	11	11	ELECTRA 1101CB, 558 support structure, 0 capacitor bank, 18 fuses, 11 switch, 137 transformer		
Proj0015-SUG-AL1		Proj0015	ELECTRA 1101CB			178	11	11	ELECTRA 1101CB, 558 support structure, 0 capacitor bank, 18 fuses, 11 switch, 137 transformer		
Proj0016-SUG-AL1		Proj0016	MARPOCA 210110070			221	9	9	MARPOCA 210110070, 353 support structure, 0 capacitor bank, 18 fuses, 8 switch, 168 transformer		
Proj0016-SUG-AL1		Proj0016	MARPOCA 210110070			221	9	9	MARPOCA 210110070, 353 support structure, 0 capacitor bank, 18 fuses, 8 switch, 168 transformer		
Proj0016-SUG-AL1		Proj0016	MARPOCA 210110070			221	9	9	MARPOCA 210110070, 353 support structure, 0 capacitor bank, 18 fuses, 8 switch, 168 transformer		
Proj0017-SUG-AL1		Proj0017	SAN RAFAEL 1108192			1241	83	83	SAN RAFAEL 1108192, 431 support structure, 1 capacitor bank, 22 fuses, 13 switch, 141 transformer		
Proj0017-SUG-AL1		Proj0017	SAN RAFAEL 1108192			1241	83	83	SAN RAFAEL 1108192, 431 support structure, 1 capacitor bank, 22 fuses, 13 switch, 141 transformer		
Proj0018-SUG-AL1		Proj0018	OKLAND X 1104C258			528	16	16	OKLAND X 1104C258, 164 support structure, 1 capacitor bank, 14 fuses, 14 switch, 42 transformer		
Proj0018-SUG-AL1		Proj0018	OKLAND X 1104C258			528	16	16	OKLAND X 1104C258, 164 support structure, 1 capacitor bank, 14 fuses, 14 switch, 42 transformer		
Proj0018-SUG-AL1		Proj0018	OKLAND X 1104C258			528	16	16	OKLAND X 1104C258, 164 support structure, 1 capacitor bank, 14 fuses, 14 switch, 42 transformer		
Proj0019-SUG-AL1		Proj0019	WOODACRE 1102137862			1032	53	53	WOODACRE 1102137862, 429 support structure, 1 capacitor bank, 22 fuses, 8 switch, 130 transformer		
Proj0019-SUG-AL1		Proj0019	WOODACRE 1102137862			1032	53	53	WOODACRE 1102137862, 429 support structure, 1 capacitor bank, 22 fuses, 8 switch, 130 transformer		
Proj0019-SUG-AL1		Proj0019	WOODACRE 1102137862			1032	53	53	WOODACRE 1102137862, 429 support structure, 1 capacitor bank, 22 fuses, 8 switch, 130 transformer		
Proj0020-SUG-AL1		Proj0020	CAMP EVERS 210510294			190	8	8	CAMP EVERS 210510294, 213 support structure, 1 capacitor bank, 17 fuses, 13 switch, 64 transformer		
Proj0020-SUG-AL1		Proj0020	CAMP EVERS 210510294			190	8	8	CAMP EVERS 210510294, 213 support structure, 1 capacitor bank, 17 fuses, 13 switch, 64 transformer		
Proj0020-SUG-AL1		Proj0020	CAMP EVERS 210510294			190	8	8	CAMP EVERS 210510294, 213 support structure, 1 capacitor bank, 17 fuses, 13 switch, 64 transformer		
Proj0021-SUG-AL1		Proj0021	STALWATER 11021466			429	23	23	STALWATER 11021466, 623 support structure, 1 capacitor bank, 14 fuses, 8 switch, 219 transformer		
Proj0021-SUG-AL1		Proj0021	STALWATER 11021466			429	23	23	STALWATER 11021466, 623 support structure, 1 capacitor bank, 14 fuses, 8 switch, 219 transformer		
Proj0021-SUG-AL1		Proj0021	STALWATER 11021466			429	23	23	STALWATER 11021466, 623 support structure, 1 capacitor bank, 14 fuses, 8 switch, 219 transformer		
Proj0022-SUG-AL1		Proj0022	KONOCCHI 1102714370			112	6	6	KONOCCHI 1102714370, 107 support structure, 1 capacitor bank, 6 fuses, 2 switch, 20 transformer		
Proj0022-SUG-AL1		Proj0022	KONOCCHI 1102714370			112	6	6	KONOCCHI 1102714370, 107 support structure, 1 capacitor bank, 6 fuses, 2 switch, 20 transformer		
Proj0022-SUG-AL1		Proj0022	KONOCCHI 1102714370			112	6	6	KONOCCHI 1102714370, 107 support structure, 1 capacitor bank, 6 fuses, 2 switch, 20 transformer		
Proj0023-SUG-AL1		Proj0023	PLACERVILLE 21068712			214	8	8	PLACERVILLE 21068712, 595 support structure, 0 capacitor bank, 37 fuses, 11 switch, 173 transformer		
Proj0023-SUG-AL1		Proj0023	PLACERVILLE 21068712			214	8	8	PLACERVILLE 21068712, 595 support structure, 0 capacitor bank, 37 fuses, 11 switch, 173 transformer		
Proj0023-SUG-AL1		Proj0023	PLACERVILLE 21068712			214	8	8	PLACERVILLE 21068712, 595 support structure, 0 capacitor bank, 37 fuses, 11 switch, 173 transformer		
Proj0024-SUG-AL1		Proj0024	MENLO 110282458			14	16	16	MENLO 110282458, 41 support structure, 0 capacitor bank, 4 fuses, 4 switch, 11 transformer		
Proj0024-SUG-AL1		Proj0024	MENLO 110282458			14	16	16	MENLO 110282458, 41 support structure, 0 capacitor bank, 4 fuses, 4 switch, 11 transformer		
Proj0024-SUG-AL1		Proj0024	MENLO 110282458			14	16	16	MENLO 110282458, 41 support structure, 0 capacitor bank, 4 fuses, 4 switch, 11 transformer		
Proj0025-SUG-AL1		Proj0025	ALTO 11221260			396	11	11	ALTO 11221260, 194 support structure, 0 capacitor bank, 9 fuses, 5 switch, 64 transformer		
Proj0025-SUG-AL1		Proj0025	ALTO 11221260			396	11	11	ALTO 11221260, 194 support structure, 0 capacitor bank, 9 fuses, 5 switch, 64 transformer		
Proj0025-SUG-AL1		Proj0025	ALTO 11221260			396	11	11	ALTO 11221260, 194 support structure, 0 capacitor bank, 9 fuses, 5 switch, 64 transformer		
Proj0026-SUG-AL1		Proj0026	CAMP EVERS 2105034190			102	2	2	CAMP EVERS 2105034190, 130 support structure, 0 capacitor bank, 9 fuses, 3 switch, 41 transformer		
Proj0026-SUG-AL1		Proj0026	CAMP EVERS 2105034190			102	2	2	CAMP EVERS 2105034190, 130 support structure, 0 capacitor bank, 9 fuses, 3 switch, 41 transformer		
Proj0026-SUG-AL1		Proj0026	CAMP EVERS 2105034190			102	2	2	CAMP EVERS 2105034190, 130 support structure, 0 capacitor bank, 9 fuses, 3 switch, 41 transformer		
Proj0027-SUG-AL1		Proj0027	CORTINA 1101302192			25	34	34	CORTINA 1101302192, 352 support structure, 0 capacitor bank, 9 fuses, 13 switch, 66 transformer		
Proj0027-SUG-AL1		Proj0027	CORTINA 1101302192			25	34	34	CORTINA 1101302192, 352 support structure, 0 capacitor bank, 9 fuses, 13 switch, 66 transformer		
Proj0027-SUG-AL1		Proj0027	CORTINA 1101302192			25	34	34	CORTINA 1101302192, 352 support structure, 0 capacitor bank, 9 fuses, 13 switch, 66 transformer		
Proj0028-SUG-AL1		Proj0028	VOLTA 1102CB			8	3	3	VOLTA 1102CB, 102 support structure, 0 capacitor bank, 2 fuses, 4 switch, 12 transformer		
Proj0028-SUG-AL1		Proj0028	VOLTA 1102CB			8	3	3	VOLTA 1102CB, 102 support structure, 0 capacitor bank, 2 fuses, 4 switch, 12 transformer		
Proj0028-SUG-AL1		Proj0028	VOLTA 1102CB			8	3	3	VOLTA 1102CB, 102 support structure, 0 capacitor bank, 2 fuses, 4 switch, 12 transformer		

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

[illegible]

SPD-37 Table 1: Data Set

id	issl_circuit_miles	issl_circuit_miles_u	risk_rating	accompany_date	start_date	mitigation_type	undergrounding_mitigation_justification1	undergrounding_mitigation_justification2	status
Pro0000-3-0-0-PA5	1.23330500	1.23330500	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0007-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0008-3-0-0-PA5	21.17844937	21.17844937	0.12	1994	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0010-3-0-0-PA5	7.05817886	7.05817886	0.12	1973	8/20/2000	11/8/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0022-3-0-0-PA5	2.411300502	2.411300502	1.29	1646	8/20/2000	21/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0023-3-0-0-PA5	29.70602258	29.70602258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0038-3-0-0-PA5	1.23330500	1.23330500	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	21.17844937	21.17844937	0.12	1994	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0010-3-0-0-PA5	7.05817886	7.05817886	0.12	1973	8/20/2000	11/8/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0022-3-0-0-PA5	2.411300502	2.411300502	1.29	1646	8/20/2000	21/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0023-3-0-0-PA5	29.70602258	29.70602258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0010-3-0-0-PA5	7.05817886	7.05817886	0.12	1973	8/20/2000	11/8/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0022-3-0-0-PA5	2.411300502	2.411300502	1.29	1646	8/20/2000	21/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0023-3-0-0-PA5	29.70602258	29.70602258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0038-3-0-0-PA5	1.23330500	1.23330500	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0010-3-0-0-PA5	7.05817886	7.05817886	0.12	1973	8/20/2000	11/8/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0022-3-0-0-PA5	2.411300502	2.411300502	1.29	1646	8/20/2000	21/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0023-3-0-0-PA5	29.70602258	29.70602258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0038-3-0-0-PA5	1.23330500	1.23330500	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
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Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0012-3-0-0-PA5	6.64460100	6.64460100	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0013-3-0-0-PA5	29.28232258	29.28232258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0015-3-0-0-PA5	29.89937947	29.89937947	0.12	1990	8/20/2000	7/27/2007	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0017-3-0-0-PA5	7.28137241	7.28137241	0.12	1973	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0022-3-0-0-PA5	2.411300502	2.411300502	1.29	1646	8/20/2000	21/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0023-3-0-0-PA5	29.70602258	29.70602258	0.12	1990	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0028-3-0-0-PA5	3.33731118	3.33731118	1.29	1447	8/20/2000	14/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0038-3-0-0-PA5	1.23330500	1.23330500	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0037-3-0-0-PA5	8.18784803	8.18784803	0.12	1973	8/20/2000	37/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	21.17844937	21.17844937	0.12	1994	8/20/2000		Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0010-3-0-0-PA5	7.05817886	7.05817886	0.12	1973	8/20/2000	11/8/2008	Overhead Hardening, Undergrounding	Overall Utility Risk	Scoping
Pro0011-3-0-0-PA5	7.15650401	7.15650401	0.12	1111	8/20/2000		Overhead Hardening, Underground		

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row_id	total_circuit_miles	total_circuit_miles_up	risk_ranking	scoping_date	start_date	mitigation_type	undergrounding_mitigation_justification1	undergrounding_mitigation_justification2	status
Prs00002-SUG-ALT1	4.901280176	24.03	689	8/20/2020	2/15/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00002-SUG-ALT1	4.901280176	24.03	689	8/20/2020	2/15/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00002-SUG-ALT1	4.901280176	24.03	689	8/20/2020	2/15/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00003-SUG-ALT1	9.01747145		549	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00003-SUG-ALT1	9.01747145		549	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00003-SUG-ALT1	9.01747145		549	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00004-SUG-ALT1	0.432857929	1.86	1097	8/20/2020	6/22/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00004-SUG-ALT1	0.432857929	1.86	1097	8/20/2020	6/22/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00004-SUG-ALT1	0.432857929	1.86	1097	8/20/2020	6/22/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00005-SUG-ALT1	5.670857725		2192	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00005-SUG-ALT1	5.670857725		2192	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00005-SUG-ALT1	5.670857725		2192	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00006-SUG-ALT1	1.233338692	3.72	364	8/20/2020	4/10/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00006-SUG-ALT1	1.233338692	3.72	364	8/20/2020	4/10/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00006-SUG-ALT1	1.233338692	3.72	364	8/20/2020	4/10/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00007-SUG-ALT1	8.187804893		1373	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00007-SUG-ALT1	8.187804893		1373	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00007-SUG-ALT1	8.187804893		1373	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00008-SUG-ALT1	21.17834497	2.46	1964	8/20/2020	5/9/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00008-SUG-ALT1	21.17834497	2.46	1964	8/20/2020	5/9/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00008-SUG-ALT1	21.17834497	2.46	1964	8/20/2020	5/9/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00009-SUG-ALT1	7.051437886		997	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00009-SUG-ALT1	7.051437886		997	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00009-SUG-ALT1	7.051437886		997	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00010-SUG-ALT1	7.815626401	11.43	1111	8/20/2020	2/2/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00010-SUG-ALT1	7.815626401	11.43	1111	8/20/2020	2/2/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00010-SUG-ALT1	7.815626401	11.43	1111	8/20/2020	2/2/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00011-SUG-ALT1	9.351369089		466	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00011-SUG-ALT1	9.351369089		466	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00011-SUG-ALT1	9.351369089		466	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00012-SUG-ALT1	4.854899801	5.45	676	8/20/2020	2/17/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00012-SUG-ALT1	4.854899801	5.45	676	8/20/2020	2/17/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00012-SUG-ALT1	4.854899801	5.45	676	8/20/2020	2/17/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00013-SUG-ALT1	7.715229106		833	8/20/2020		Overhead Hardening	Overall Utility Risk, Ignition Consequence		
Prs00013-SUG-ALT1	7.715229106		833	8/20/2020		Overhead Hardening	Overall Utility Risk, Ignition Consequence		
Prs00013-SUG-ALT1	7.715229106		833	8/20/2020		Overhead Hardening	Overall Utility Risk, Ignition Consequence		
Prs00014-SUG-ALT1	1.260529239	23.4	747	8/20/2020	12/10/2027	Overhead Hardening	Overall Utility Risk, Ignition Consequence		Scoping
Prs00014-SUG-ALT1	1.260529239	23.4	747	8/20/2020	12/10/2027	Overhead Hardening	Overall Utility Risk, Ignition Consequence		Scoping
Prs00014-SUG-ALT1	1.260529239	23.4	747	8/20/2020	12/10/2027	Overhead Hardening	Overall Utility Risk, Ignition Consequence		Scoping
Prs00015-SUG-ALT1	23.26232258		999	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00015-SUG-ALT1	23.26232258		999	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00015-SUG-ALT1	23.26232258		999	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00016-SUG-ALT1	25.69597947	0.28	1870	8/20/2020	2/14/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00016-SUG-ALT1	25.69597947	0.28	1870	8/20/2020	2/14/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00016-SUG-ALT1	25.69597947	0.28	1870	8/20/2020	2/14/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00017-SUG-ALT1	7.292187247		620	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00017-SUG-ALT1	7.292187247		620	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00017-SUG-ALT1	7.292187247		620	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00018-SUG-ALT1	2.676338623	33.55	510	8/20/2020	6/23/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00018-SUG-ALT1	2.676338623	33.55	510	8/20/2020	6/23/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00018-SUG-ALT1	2.676338623	33.55	510	8/20/2020	6/23/2027	Overhead Hardening	Overall Utility Risk		Scoping
Prs00019-SUG-ALT1	8.534041043		836	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00019-SUG-ALT1	8.534041043		836	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00019-SUG-ALT1	8.534041043		836	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00020-SUG-ALT1	4.898493871	0.58	2201	8/20/2020	6/6/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00020-SUG-ALT1	4.898493871	0.58	2201	8/20/2020	6/6/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00020-SUG-ALT1	4.898493871	0.58	2201	8/20/2020	6/6/2028	Overhead Hardening	Overall Utility Risk		Designing
Prs00021-SUG-ALT1	20.14158015		1634	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00021-SUG-ALT1	20.14158015		1634	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00021-SUG-ALT1	20.14158015		1634	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00022-SUG-ALT1	2.411340262	3.58	1646	8/20/2020	14/20/28	Overhead Hardening	Overall Utility Risk		Scoping
Prs00022-SUG-ALT1	2.411340262	3.58	1646	8/20/2020	14/20/28	Overhead Hardening	Overall Utility Risk		Scoping
Prs00022-SUG-ALT1	2.411340262	3.58	1646	8/20/2020	14/20/28	Overhead Hardening	Overall Utility Risk		Scoping
Prs00023-SUG-ALT1	24.70550208		947	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00023-SUG-ALT1	24.70550208		947	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00023-SUG-ALT1	24.70550208		947	8/20/2020		Overhead Hardening	Overall Utility Risk		
Prs00024-SUG-ALT1	1.141460638	3.47	1778	8/20/2020	2/3/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00024-SUG-ALT1	1.141460638	3.47	1778	8/20/2020	2/3/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00024-SUG-ALT1	1.141460638	3.47	1778	8/20/2020	2/3/2028	Overhead Hardening	Overall Utility Risk		Scoping
Prs00025-SUG-ALT1	2.841383023		1678	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00025-SUG-ALT1	2.841383023		1678	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00025-SUG-ALT1	2.841383023		1678	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00026-SUG-ALT1	3.391506236	1.35	2685	8/20/2020	3/10/2028	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing
Prs00026-SUG-ALT1	3.391506236	1.35	2685	8/20/2020	3/10/2028	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing
Prs00026-SUG-ALT1	3.391506236	1.35	2685	8/20/2020	3/10/2028	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing
Prs00027-SUG-ALT1	1.320267785		215	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00027-SUG-ALT1	1.320267785		215	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00027-SUG-ALT1	1.320267785		215	8/20/2020		Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		
Prs00028-SUG-ALT1	3.337301116	2.88	447	8/20/2020	12/15/2027	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing
Prs00028-SUG-ALT1	3.337301116	2.88	447	8/20/2020	12/15/2027	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing
Prs00028-SUG-ALT1	3.337301116	2.88	447	8/20/2020	12/15/2027	Overhead Hardening	Overall Utility Risk, Outage Program Likelihood		Designing

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ms_id	used_and_useful_date	scr_year_start	useful_life	ignition_are_mitigated_likelihood	ignition_are_mitigated_safety_consequences	ignition_are_mitigated_residential_reliability_consequences	ignition_are_mitigated_non_residential_reliability_consequences	ignition_are_mitigated_financial_consequences	ignition_post_mitigated_likelihood
Prog0001-3-VG-UGAS	9/29/2008	2008	95	0.036900308	0.20907354	0.013018623	1.201384301	2.139466716	0.002448327
Prog0001-3-VG-UGAS	9/29/2008	2008	95	0.036900308	0.20907354	0.013018623	1.201384301	2.139466716	0.002448327
Prog0001-3-VG-UGAS	9/29/2008	2008	95	0.036900308	0.20907354	0.013018623	1.201384301	2.139466716	0.002448327
Prog0002-3-VG-UGAS	11/6/2008	2008	95	0.01073008	0.48861446	0.018914799	1.430017479	2.760873478	0.001171718
Prog0002-3-VG-UGAS	11/6/2008	2008	95	0.01073008	0.48861446	0.018914799	1.430017479	2.760873478	0.001171718
Prog0002-3-VG-UGAS	11/6/2008	2008	95	0.01073008	0.48861446	0.018914799	1.430017479	2.760873478	0.001171718
Prog0003-3-VG-UGAS	10/2/2008	2008	95	0.034121123	0.345171644	0.026327897	1.983435233	3.8293406	0.003081431
Prog0003-3-VG-UGAS	10/2/2008	2008	95	0.034121123	0.345171644	0.026327897	1.983435233	3.8293406	0.003081431
Prog0003-3-VG-UGAS	10/2/2008	2008	95	0.034121123	0.345171644	0.026327897	1.983435233	3.8293406	0.003081431
Prog0004-3-VG-UGAS	10/9/2008	2008	95	0.001360101	1.634349235	0.124609596	9.391344592	18.13150061	7.65E-06
Prog0004-3-VG-UGAS	10/9/2008	2008	95	0.001360101	1.634349235	0.124609596	9.391344592	18.13150061	7.65E-06
Prog0004-3-VG-UGAS	10/9/2008	2008	95	0.001360101	1.634349235	0.124609596	9.391344592	18.13150061	7.65E-06
Prog0005-3-VG-UGAS	10/30/2008	2008	95	0.010377174	0.639429095	0.048717038	3.674276336	7.09378013	0.000713912
Prog0005-3-VG-UGAS	10/30/2008	2008	95	0.010377174	0.639429095	0.048717038	3.674276336	7.09378013	0.000713912
Prog0006-3-VG-UGAS	10/30/2008	2008	95	0.010377174	0.639429095	0.048717038	3.674276336	7.09378013	0.000713912
Prog0006-3-VG-UGAS	8/2/2008	2008	95	0.005458794	0.387692097	0.02671134	2.227761737	4.30162951	0.00049237
Prog0006-3-VG-UGAS	8/2/2008	2008	95	0.005458794	0.387692097	0.02671134	2.227761737	4.30162951	0.00049237
Prog0007-3-VG-UGAS	11/6/2008	2008	95	0.001820562	2.705827253	0.02671134	15.96243812	30.04578882	0.000150278
Prog0007-3-VG-UGAS	11/6/2008	2008	95	0.001820562	2.705827253	0.02671134	15.96243812	30.04578882	0.000150278
Prog0007-3-VG-UGAS	11/6/2008	2008	95	0.001820562	2.705827253	0.02671134	15.96243812	30.04578882	0.000150278
Prog0008-3-VG-UGAS	12/11/2008	2008	95	0.011007501	3.642677334	0.277344496	26.93165991	49.41193297	0.000759673
Prog0008-3-VG-UGAS	12/11/2008	2008	95	0.011007501	3.642677334	0.277344496	26.93165991	49.41193297	0.000759673
Prog0008-3-VG-UGAS	12/11/2008	2008	95	0.011007501	3.642677334	0.277344496	26.93165991	49.41193297	0.000759673
Prog0009-3-VG-UGAS	11/16/2008	2008	95	0.008122638	0.226931314	0.018617888	2.628520378	1.361461534	0.004063814
Prog0009-3-VG-UGAS	11/16/2008	2008	95	0.008122638	0.226931314	0.018617888	2.628520378	1.361461534	0.004063814
Prog0009-3-VG-UGAS	11/16/2008	2008	95	0.008122638	0.226931314	0.018617888	2.628520378	1.361461534	0.004063814
Prog0010-3-VG-UGAS	12/22/2008	2008	95	0.017261122	0.135632927	0.010345323	0.779373975	1.504796751	0.005121094
Prog0010-3-VG-UGAS	12/22/2008	2008	95	0.017261122	0.135632927	0.010345323	0.779373975	1.504796751	0.005121094
Prog0010-3-VG-UGAS	12/22/2008	2008	95	0.017261122	0.135632927	0.010345323	0.779373975	1.504796751	0.005121094
Prog0011-3-VG-UGAS	11/23/2008	2008	95	0.019964616	0.305071258	0.023090288	3.844466171	0.001758249	0.001758249
Prog0011-3-VG-UGAS	11/23/2008	2008	95	0.019964616	0.305071258	0.023090288	3.844466171	0.001758249	0.001758249
Prog0011-3-VG-UGAS	8/7/2008	2008	95	0.025878669	0.3177241	0.024324341	1.826715361	0.002716346	0.002716346
Prog0012-3-VG-UGAS	8/7/2008	2008	95	0.025878669	0.3177241	0.024324341	1.826715361	0.002716346	0.002716346
Prog0012-3-VG-UGAS	8/7/2008	2008	95	0.025878669	0.3177241	0.024324341	1.826715361	0.002716346	0.002716346
Prog0013-3-VG-UGAS	8/8/2008	2008	95	0.008207701	0.141865996	0.019820792	0.815193984	1.573862873	0.005162999
Prog0013-3-VG-UGAS	8/8/2008	2008	95	0.008207701	0.141865996	0.019820792	0.815193984	1.573862873	0.005162999
Prog0013-3-VG-UGAS	8/8/2008	2008	95	0.008207701	0.141865996	0.019820792	0.815193984	1.573862873	0.005162999
Prog0014-3-VG-UGAS	7/19/2008	2008	95	0.005999602	0.602502929	0.046166841	3.479019478	6.714873726	0.000679281
Prog0014-3-VG-UGAS	7/19/2008	2008	95	0.005999602	0.602502929	0.046166841	3.479019478	6.714873726	0.000679281
Prog0014-3-VG-UGAS	7/19/2008	2008	95	0.005999602	0.602502929	0.046166841	3.479019478	6.714873726	0.000679281
Prog0015-3-VG-UGAS	12/27/2008	2008	95	0.03607508	2.693496185	0.20542923	16.47721541	29.88125268	0.00241804
Prog0015-3-VG-UGAS	12/27/2008	2008	95	0.03607508	2.693496185	0.20542923	16.47721541	29.88125268	0.00241804
Prog0015-3-VG-UGAS	12/27/2008	2008	95	0.03607508	2.693496185	0.20542923	16.47721541	29.88125268	0.00241804
Prog0016-3-VG-UGAS	12/26/2008	2008	95	0.025229008	0.144541341	0.011048861	0.830067512	1.603544308	0.002299612
Prog0016-3-VG-UGAS	12/26/2008	2008	95	0.025229008	0.144541341	0.011048861	0.830067512	1.603544308	0.002299612
Prog0016-3-VG-UGAS	12/26/2008	2008	95	0.025229008	0.144541341	0.011048861	0.830067512	1.603544308	0.002299612
Prog0017-3-VG-UGAS	11/2/2008	2008	95	0.032454985	0.026711127	0.009643957	0.726529433	1.402675947	0.011264612
Prog0017-3-VG-UGAS	11/2/2008	2008	95	0.032454985	0.026711127	0.009643957	0.726529433	1.402675947	0.011264612
Prog0017-3-VG-UGAS	11/2/2008	2008	95	0.032454985	0.026711127	0.009643957	0.726529433	1.402675947	0.011264612
Prog0018-3-VG-UGAS	12/13/2008	2008	95	0.02545996	0.106435696	0.009643957	0.726529433	1.402675947	0.011264612
Prog0018-3-VG-UGAS	12/13/2008	2008	95	0.02545996	0.106435696	0.009643957	0.726529433	1.402675947	0.011264612
Prog0018-3-VG-UGAS	12/13/2008	2008	95	0.02545996	0.106435696	0.009643957	0.726529433	1.402675947	0.011264612
Prog0019-3-VG-UGAS	11/27/2008	2008	95	0.087050792	0.215676126	0.019678126	1.239343601	2.392714929	0.005160305
Prog0019-3-VG-UGAS	11/27/2008	2008	95	0.087050792	0.215676126	0.019678126	1.239343601	2.392714929	0.005160305
Prog0019-3-VG-UGAS	7/9/2008	2008	95	0.06034002	0.148893156	0.011366795	0.859574136	1.611823421	0.003646305
Prog0020-3-VG-UGAS	7/9/2008	2008	95	0.06034002	0.148893156	0.011366795	0.859574136	1.611823421	0.003646305
Prog0020-3-VG-UGAS	7/9/2008	2008	95	0.06034002	0.148893156	0.011366795	0.859574136	1.611823421	0.003646305
Prog0021-3-VG-UGAS	9/1/2008	2008	95	0.018903173	2.86031373	0.227225995	17.1267898	33.95467319	0.002267149
Prog0021-3-VG-UGAS	9/1/2008	2008	95	0.018903173	2.86031373	0.227225995	17.1267898	33.95467319	0.002267149
Prog0021-3-VG-UGAS	9/1/2008	2008	95	0.018903173	2.86031373	0.227225995	17.1267898	33.95467319	0.002267149
Prog0022-3-VG-UGAS	9/1/2008	2008	95	0.006383939	0.139411095	0.00841009	0.50481054	0.2914187	7.65E-05
Prog0022-3-VG-UGAS	9/1/2008	2008	95	0.006383939	0.139411095	0.00841009	0.50481054	0.2914187	7.65E-05
Prog0022-3-VG-UGAS	9/1/2008	2008	95	0.006383939	0.139411095	0.00841009	0.50481054	0.2914187	7.65E-05
Prog0023-3-VG-UGAS	12/26/2008	2008	95	0.059450991	2.651081319	0.156449111	11.79986248	22.75473404	0.004299212
Prog0023-3-VG-UGAS	12/26/2008	2008	95	0.059450991	2.651081319	0.156449111	11.79986248	22.75473404	0.004299212
Prog0023-3-VG-UGAS	12/26/2008	2008	95	0.059450991	2.651081319	0.156449111	11.79986248	22.75473404	0.004299212
Prog0024-3-VG-UGAS	12/11/2008	2008	95	0.006393938	0.273872814	0.020897221	1.574310465	3.0394948	0.000378623
Prog0024-3-VG-UGAS	12/11/2008	2008	95	0.006393938	0.273872814	0.020897221	1.574310465	3.0394948	0.000378623
Prog0024-3-VG-UGAS	12/11/2008	2008	95	0.006393938	0.273872814	0.020897221	1.574310465	3.0394948	0.000378623
Prog0025-3-VG-UGAS	8/24/2008	2008	95	0.026975137	0.526975137	0.040172039	3.026395921	5.842943697	0.011893998
Prog0025-3-VG-UGAS	8/24/2008	2008	95	0.026975137	0.526975137	0.040172039	3.026395921	5.842943697	0.011893998
Prog0025-3-VG-UGAS	8/24/2008	2008	95	0.026975137	0.526975137	0.040172039	3.026395921	5.842943697	0.011893998
Prog0026-3-VG-UGAS	7/9/2008	2008	95	0.01928444	0.197886047	0.01928444	1.139349251	2.19313268	0.00181383
Prog0026-3-VG-UGAS	7/9/2008	2008	95	0.01928444	0.197886047	0.01928444	1.139349251	2.19313268	0.00181383
Prog0027-3-VG-UGAS	9/1/2008	2008	95	0.01928444	0.197886047	0.01928444	1.139349251	2.19313268	0.00181383
Prog0027-3-VG-UGAS	9/1/2008	2008	95	0.01928444	0.197886047	0.01928444	1.139349251	2.19313268	0.00181383
Prog0027-3-VG-UGAS	9/1/2008	2008	95	0.01928444	0.197886047	0.01928444	1.139349251	2.19313268	0.00181383
Prog0028-3-VG-UGAS	9/1/2008	2008	95	0.024745621	0.76136095	0.05871889	4.74896729	8.46441502	0.001524925
Prog0028-3-VG-UGAS	9/1/2008	2008	95	0.024745621	0.76136095	0.05871889	4.74896729	8.46441502	0.001524925
Prog0028-3-VG-UGAS	9/1/2008	2008	95	0.024745621	0.76136095	0.05871889	4.74896729	8.46441502	0.001524925
Prog0029-3-VG-UGAS	11/3/2008	2008	95	0.009187289	1.23132084	0.009187289	7.075452062	13.66029775	0.000345811
Prog0029-3-VG-UGAS	11/3/2008	2008	95	0.009187289	1.23132084	0.009187289	7.075452062	13.66029775	0.000345811
Prog0029-3-VG-UGAS	11/3/2008	2008	95	0.009187289	1.23132084	0.009187289	7.075452062	13.66029775	0.000345811

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row_id	used_and_useful_date	scr_year_start	useful_life	unitson_are_mitigated_healthood	unitson_are_mitigated_safety_consequences	unitson_are_mitigated_residential_reliability_consequences	unitson_are_mitigated_non_residential_reliability_consequences	unitson_are_mitigated_financial_consequences	unitson_post_mitigated_healthood
Prog00001-3UG-PAS	8/2/2008	2008	95	0.012941138	0.017092087	0.020971121	2.227787307	4.301092051	0.003741138
Prog00007-3UG-PAS	11/16/2008	2008	95	0.205627253	2.709287253	0.205627253	15.56243812	30.04578862	0.00618217
Prog00008-3UG-PAS	11/16/2008	2008	95	0.058612303	3.642877034	0.277444696	20.93105901	40.41193297	0.015082727
Prog00009-3UG-PAS	12/22/2008	2008	95	0.098111336	0.098111336	0.018071888	1.301461534	0.006461681	0.000461681
Prog00010-3UG-PAS	12/22/2008	2008	95	0.083626211	0.0135632257	0.010363203	0.130632927	1.004706761	0.012200412
Prog00011-3UG-PAS	8/7/2008	2008	95	0.0389841	0.02424341	0.02424341	1.602715361	0.006307323	0.000630733
Prog00015-3UG-PAS	8/7/2008	2008	95	0.043003742	2.693456185	0.205443023	15.47721541	29.88125268	0.006305614
Prog00016-3UG-PAS	8/7/2008	2008	95	0.046871387	2.763887628	0.211005954	15.89026617	30.89035545	0.011895215
Prog00017-3UG-PAS	11/29/2008	2008	95	0.044541341	0.011024881	0.011024881	0.830987612	0.003608762	0.007333391
Prog00022-3UG-PAS	8/6/2008	2008	95	0.007439318	1.608139975	0.139841006	10.54851054	20.2814187	0.003905178
Prog00023-3UG-PAS	11/29/2008	2008	95	0.099592102	2.061081319	0.099592102	11.78980248	22.75474504	0.004531439
Prog00028-3UG-PAS	7/19/2008	2008	95	0.006059973	1.251320984	0.006059973	7.075450265	13.66028775	0.001279217
Prog00029-3UG-PAS	9/27/2008	2008	95	0.012947138	0.387892097	0.059271134	2.227787307	4.301092051	0.003741138
Prog00037-3UG-PAS	11/16/2008	2008	95	0.012942074	2.709287253	0.205627253	15.56243812	30.04578862	0.00618217
Prog00038-3UG-PAS	11/16/2008	2008	95	0.046877634	3.642877034	0.277444696	20.93105901	40.41193297	0.015082727
Prog00039-3UG-PAS	12/22/2008	2008	95	0.098111336	0.098111336	0.018071888	1.301461534	0.006461681	0.000461681
Prog00010-3UG-PAS	12/22/2008	2008	95	0.083626211	0.0135632257	0.010363203	0.130632927	1.004706761	0.012200412
Prog00012-3UG-PAS	11/22/2008	2008	95	0.0389841	0.02424341	0.02424341	1.602715361	0.006307323	0.000630733
Prog00015-3UG-PAS	8/7/2008	2008	95	0.043003742	2.693456185	0.205443023	15.47721541	29.88125268	0.006305614
Prog00016-3UG-PAS	8/7/2008	2008	95	0.046871387	2.763887628	0.211005954	15.89026617	30.89035545	0.011895215
Prog00017-3UG-PAS	11/29/2008	2008	95	0.044541341	0.011024881	0.011024881	0.830987612	0.003608762	0.007333391
Prog00022-3UG-PAS	8/6/2008	2008	95	0.007439318	1.608139975	0.139841006	10.54851054	20.2814187	0.003905178
Prog00023-3UG-PAS	11/29/2008	2008	95	0.099592102	2.061081319	0.099592102	11.78980248	22.75474504	0.004531439
Prog00028-3UG-PAS	7/19/2008	2008	95	0.006059973	1.251320984	0.006059973	7.075450265	13.66028775	0.001279217
Prog00029-3UG-PAS	9/27/2008	2008	95	0.012947138	0.387892097	0.059271134	2.227787307	4.301092051	0.003741138
Prog00037-3UG-PAS	11/16/2008	2008	95	0.012942074	2.709287253	0.205627253	15.56243812	30.04578862	0.00618217
Prog00038-3UG-PAS	11/16/2008	2008	95	0.046877634	3.642877034	0.277444696	20.93105901	40.41193297	0.015082727
Prog00039-3UG-PAS	12/22/2008	2008	95	0.098111336	0.098111336	0.018071888	1.301461534	0.006461681	0.000461681
Prog00010-3UG-PAS	12/22/2008	2008	95	0.083626211	0.0135632257	0.010363203	0.130632927	1.004706761	0.012200412
Prog00012-3UG-PAS	11/22/2008	2008	95	0.0389841	0.02424341	0.02424341	1.602715361	0.006307323	0.000630733
Prog00015-3UG-PAS	8/7/2008	2008	95	0.043003742	2.693456185	0.205443023	15.47721541	29.88125268	0.006305614
Prog00016-3UG-PAS	8/7/2008	2008	95	0.046871387	2.763887628	0.211005954	15.89026617	30.89035545	0.011895215
Prog00017-3UG-PAS	11/29/2008	2008	95	0.044541341	0.011024881	0.011024881	0.830987612	0.003608762	0.007333391
Prog00022-3UG-PAS	8/6/2008	2008	95	0.007439318	1.608139975	0.139841006	10.54851054	20.2814187	0.003905178
Prog00023-3UG-PAS	11/29/2008	2008	95	0.099592102	2.061081319	0.099592102	11.78980248	22.75474504	0.004531439
Prog00028-3UG-PAS	7/19/2008	2008	95	0.006059973	1.251320984	0.006059973	7.075450265	13.66028775	0.001279217
Prog00029-3UG-PAS	9/28/2008	2008	95	0.038990306	0.20907354	0.019847502	1.201384339	2.139465716	0.002448327
Prog00032-3UG-PAS	9/28/2008	2008	95	0.019039313	0.048891446	0.018891856	1.430014739	2.765973478	0.009472283
Prog00033-3UG-PAS	10/6/2008	2008	95	0.038771134	0.387892097	0.08430231	0.84503406	0.009569435	0.000956943
Prog00034-3UG-PAS	11/6/2008	2008	95	0.001360101	1.634493235	0.124659956	9.391344502	18.13150061	0.00075038
Prog00035-3UG-PAS	9/7/2008	2008	95	0.015937174	0.039242305	0.048717108	3.674276308	7.093780813	0.00070538
Prog00011-3UG-PAS	10/2/2008	2008	95	0.038218847	0.005071258	0.023092498	0.733090238	3.844661711	0.00200447
Prog00013-3UG-PAS	8/6/2008	2008	95	0.048909701	0.141869896	0.010007392	0.815139394	1.573862873	0.000742864
Prog00014-3UG-PAS	10/9/2008	2008	95	0.060299602	0.060299602	0.046166841	3.478019478	6.714875726	0.000529895
Prog00018-3UG-PAS	8/15/2008	2008	95	0.002617177	0.126435696	0.009643817	0.726502833	0.003687129	0.000368712
Prog00019-3UG-PAS	10/16/2008	2008	95	0.011867126	0.011867126	0.016505613	1.203524261	2.392714629	0.000411512
Prog00020-3UG-PAS	7/9/2008	2008	95	0.009034092	0.148893165	0.011336795	0.855074135	0.003566607	0.000356607
Prog00021-3UG-PAS	8/2/2008	2008	95	0.031889078	2.98031373	0.227325995	17.1287398	33.06407139	0.002280749
Prog00024-3UG-PAS	11/19/2008	2008	95	0.006030388	0.273872014	0.020089721	0.574310465	1.03964046	0.00030384
Prog00025-3UG-PAS	11/18/2008	2008	95	0.002931136	0.040678137	0.040722039	3.026395621	5.842643697	0.001878492
Prog00026-3UG-PAS	7/3/2008	2008	95	0.011028442	0.011028442	0.017086451	1.03949251	1.93132086	0.001913363
Prog00027-3UG-PAS	12/11/2008	2008	95	0.004724503	0.061350955	0.076136055	4.374865729	8.446441502	0.001538188
Prog00031-3UG-PAS	9/28/2008	2008	95	0.038990306	0.20907354	0.019847502	1.201384339	2.139465716	0.002448327
Prog00032-3UG-PAS	9/28/2008	2008	95	0.019039313	0.048891446	0.018891856	1.430014739	2.765973478	0.009472283
Prog00033-3UG-PAS	10/6/2008	2008	95	0.038771134	0.387892097	0.08430231	0.84503406	0.009569435	0.000956943
Prog00034-3UG-PAS	11/6/2008	2008	95	0.001360101	1.634493235	0.124659956	9.391344502	18.13150061	0.00075038
Prog00035-3UG-PAS	9/7/2008	2008	95	0.015937174	0.039242305	0.048717108	3.674276308	7.093780813	0.00070538
Prog00011-3UG-PAS	10/2/2008	2008	95	0.038218847	0.005071258	0.023092498	0.733090238	3.844661711	0.00200447
Prog00013-3UG-PAS	8/6/2008	2008	95	0.048909701	0.141869896	0.010007392	0.815139394	1.573862873	0.000742864
Prog00014-3UG-PAS	10/9/2008	2008	95	0.060299602	0.060299602	0.046166841	3.478019478	6.714875726	0.000529895
Prog00018-3UG-PAS	8/15/2008	2008	95	0.002617177	0.126435696	0.009643817	0.726502833	0.003687129	0.000368712
Prog00019-3UG-PAS	10/16/2008	2008	95	0.011867126	0.011867126	0.016505613	1.203524261	2.392714629	0.000411512
Prog00020-3UG-PAS	7/9/2008	2008	95	0.009034092	0.148893165	0.011336795	0.855074135	0.003566607	0.000356607
Prog00021-3UG-PAS	8/2/2008	2008	95	0.031889078	2.98031373	0.227325995	17.1287398	33.06407139	0.002280749
Prog00024-3UG-PAS	11/19/2008	2008	95	0.006030388	0.273872014	0.020089721	0.574310465	1.03964046	0.00030384
Prog00025-3UG-PAS	11/18/2008	2008	95	0.002931136	0.040678137	0.040722039	3.026395621	5.842643697	0.001878492
Prog00026-3UG-PAS	7/3/2008	2008	95	0.011028442	0.011028442	0.017086451	1.03949251	1.93132086	0.001913363
Prog00027-3UG-PAS	12/11/2008	2008	95	0.004724503	0.061350955	0.076136055	4.374865729	8.446441502	0.001538188
Prog00031-3UG-PAS	9/28/2008	2008	95	0.038990306	0.20907354	0.019847502	1.201384339	2.139465716	0.002448327
Prog00032-3UG-PAS	9/28/2008	2008	95	0.019039313	0.048891446	0.018891856	1.430014739	2.765973478	0.009472283
Prog00033-3UG-PAS	10/6/2008	2008	95	0.038771134	0.387892097	0.08430231	0.84503406	0.009569435	0.000956943
Prog00034-3UG-PAS	11/6/2008	2008	95	0.001360101	1.634493235	0.124659956	9.391344502	18.13150061	0.00075038
Prog00035-3UG-PAS	9/7/2008	2008	95	0.015937174	0.039242305	0.048717108	3.674276308	7.093780813	0.00070538
Prog00011-3UG-PAS	10/2/2008	2008	95	0.038218847	0.005071258	0.023092498	0.733090238	3.844661711	0.00200447
Prog00013-3UG-PAS	8/6/2008	2008	95	0.048909701	0.141869896	0.010007392	0.815139394	1.573862873	0.000742864
Prog00014-3UG-PAS	10/9/2008	2008	95	0.060299602	0.060299602	0.046166841	3.478019478	6.714875726	0.000529895
Prog00018-3UG-PAS	8/15/2008	2008	95	0.002617177	0.126435696	0.009643817	0.726502833	0.003687129	0.000368712
Prog00019-3UG-PAS	10/16/2008	2008	95	0.011867126	0.011867126	0.016505613	1.203524261	2.392714629	0.000411512
Prog00020-3UG-PAS	7/9/2008	2008	95	0.009034092	0.148893165	0.011336795	0.855074135	0.003566607	0.000356607
Prog00021-3UG-PAS	8/2/2008	2008	95	0.031889078	2.98031373	0.227325995	17.1287398	33.06407139	0.002280749
Prog00024-3UG-PAS	11/19/2008	2008	95	0.006030388	0.273872014	0.020089721	0.574310465	1.03964046	0.00030384
Prog00025-3UG-PAS	11/18/2008	2008	95	0.002931136	0.040678137	0.040722039	3.026395621	5.842643697	0.001878492
Prog00026-3UG-PAS	7/3/2008	2008	95	0.011028442	0.011028442	0.017086451	1.03949251	1.93132086	0.001913363
Prog00027-3UG-PAS	12/11/2008	2008	95	0.004724503</					

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MS	used and useful data	for year	useful life	ignition_mitigated_RailRoad	ignition_mitigated_safety_consequences	ignition_mitigated_residential_reliability_consequences	ignition_mitigated_residential_reliability_consequences	ignition_mitigated_financial_consequences	ignition_mitigated_RailRoad
Pop0002-3-IG-A1-T1	12/2/2020	2018	48	0.019800193	0.248861446	0.248861446	0.019800193	1.430014739	2.780872478
Pop0002-3-IG-A1-T1	12/2/2020	2019	48	0.019800193	0.248861446	0.248861446	0.019800193	1.430014739	2.780872478
Pop0002-3-IG-A1-T1	12/2/2020	2020	48	0.019800193	0.248861446	0.248861446	0.019800193	1.430014739	2.780872478
Pop0003-3-IG-A1-T1	12/2/2020	2018	48	0.030717133	0.348171644	0.348171644	0.030717133	1.983430233	3.620220523
Pop0003-3-IG-A1-T1	12/2/2020	2019	48	0.030717133	0.348171644	0.348171644	0.030717133	1.983430233	3.620220523
Pop0003-3-IG-A1-T1	12/2/2020	2020	48	0.030717133	0.348171644	0.348171644	0.030717133	1.983430233	3.620220523
Pop0004-3-IG-A1-T1	12/26/2020	2018	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0004-3-IG-A1-T1	12/26/2020	2019	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0004-3-IG-A1-T1	12/26/2020	2020	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0005-3-IG-A1-T1	12/26/2020	2018	48	0.010372124	0.038492905	0.038492905	0.010372124	7.088178013	0.000318724
Pop0005-3-IG-A1-T1	12/26/2020	2019	48	0.010372124	0.038492905	0.038492905	0.010372124	7.088178013	0.000318724
Pop0005-3-IG-A1-T1	12/26/2020	2020	48	0.010372124	0.038492905	0.038492905	0.010372124	7.088178013	0.000318724
Pop0006-3-IG-A1-T1	11/2/2020	2018	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0006-3-IG-A1-T1	11/2/2020	2019	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0006-3-IG-A1-T1	11/2/2020	2020	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0007-3-IG-A1-T1	11/2/2020	2018	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0007-3-IG-A1-T1	11/2/2020	2019	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0007-3-IG-A1-T1	11/2/2020	2020	48	0.01294138	0.387162087	0.387162087	0.01294138	2.257173287	0.430120951
Pop0008-3-IG-A1-T1	12/13/2020	2018	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0008-3-IG-A1-T1	12/13/2020	2019	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0008-3-IG-A1-T1	12/13/2020	2020	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0009-3-IG-A1-T1	11/2/2020	2018	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0009-3-IG-A1-T1	11/2/2020	2019	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0009-3-IG-A1-T1	11/2/2020	2020	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0010-3-IG-A1-T1	11/2/2020	2018	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0010-3-IG-A1-T1	11/2/2020	2019	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0010-3-IG-A1-T1	11/2/2020	2020	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0011-3-IG-A1-T1	11/2/2020	2018	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0011-3-IG-A1-T1	11/2/2020	2019	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0011-3-IG-A1-T1	11/2/2020	2020	48	0.006115336	0.239831314	0.239831314	0.006115336	1.361104134	0.001719134
Pop0012-3-IG-A1-T1	7/3/2020	2018	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0012-3-IG-A1-T1	7/3/2020	2019	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0012-3-IG-A1-T1	7/3/2020	2020	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0013-3-IG-A1-T1	7/3/2020	2018	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0013-3-IG-A1-T1	7/3/2020	2019	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0013-3-IG-A1-T1	7/3/2020	2020	48	0.0358841	0.024293431	0.024293431	0.0358841	3.62437033	0.01719005
Pop0014-3-IG-A1-T1	3/13/2020	2018	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0014-3-IG-A1-T1	3/13/2020	2019	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0014-3-IG-A1-T1	3/13/2020	2020	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0015-3-IG-A1-T1	3/13/2020	2018	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0015-3-IG-A1-T1	3/13/2020	2019	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0015-3-IG-A1-T1	3/13/2020	2020	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0016-3-IG-A1-T1	6/1/2020	2018	48	0.040071397	0.266387878	0.266387878	0.040071397	0.80030345	0.02294485
Pop0016-3-IG-A1-T1	6/1/2020	2019	48	0.040071397	0.266387878	0.266387878	0.040071397	0.80030345	0.02294485
Pop0016-3-IG-A1-T1	6/1/2020	2020	48	0.040071397	0.266387878	0.266387878	0.040071397	0.80030345	0.02294485
Pop0017-3-IG-A1-T1	6/1/2020	2018	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0017-3-IG-A1-T1	6/1/2020	2019	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0017-3-IG-A1-T1	6/1/2020	2020	48	0.00895952	0.60029929	0.60029929	0.00895952	0.478187478	0.048648607
Pop0018-3-IG-A1-T1	12/26/2020	2018	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0018-3-IG-A1-T1	12/26/2020	2019	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0018-3-IG-A1-T1	12/26/2020	2020	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0019-3-IG-A1-T1	12/26/2020	2018	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0019-3-IG-A1-T1	12/26/2020	2019	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0019-3-IG-A1-T1	12/26/2020	2020	48	0.001360101	0.034490205	0.034490205	0.001360101	18.11500601	0.000810324
Pop0020-3-IG-A1-T1	12/1/2020	2018	48	0.00004002	0.468893156	0.468893156	0.00004002	1.65824241	0.00000000
Pop0020-3-IG-A1-T1	12/1/2020	2019	48	0.00004002	0.468893156	0.468893156	0.00004002	1.65824241	0.00000000
Pop0020-3-IG-A1-T1	12/1/2020	2020	48	0.00004002	0.468893156	0.468893156	0.00004002	1.65824241	0.00000000
Pop0021-3-IG-A1-T1	8/24/2020	2018	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0021-3-IG-A1-T1	8/24/2020	2019	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0021-3-IG-A1-T1	8/24/2020	2020	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0022-3-IG-A1-T1	8/24/2020	2018	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0022-3-IG-A1-T1	8/24/2020	2019	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0022-3-IG-A1-T1	8/24/2020	2020	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0023-3-IG-A1-T1	8/24/2020	2018	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0023-3-IG-A1-T1	8/24/2020	2019	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0023-3-IG-A1-T1	8/24/2020	2020	48	0.031880978	0.280351373	0.280351373	0.031880978	0.80447278	0.018048228
Pop0024-3-IG-A1-T1	7/3/2020	2018	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0024-3-IG-A1-T1	7/3/2020	2019	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0024-3-IG-A1-T1	7/3/2020	2020	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0025-3-IG-A1-T1	7/3/2020	2018	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0025-3-IG-A1-T1	7/3/2020	2019	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0025-3-IG-A1-T1	7/3/2020	2020	48	0.00005938	0.027272814	0.027272814	0.00005938	0.00000000	0.00000000
Pop0026-3-IG-A1-T1	8/1/2020	2018	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0026-3-IG-A1-T1	8/1/2020	2019	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0026-3-IG-A1-T1	8/1/2020	2020	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0027-3-IG-A1-T1	8/1/2020	2018	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0027-3-IG-A1-T1	8/1/2020	2019	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0027-3-IG-A1-T1	8/1/2020	2020	48	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444	0.01918444
Pop0028-3-IG-A1-T1	11/3/2020	2018	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0028-3-IG-A1-T1	11/3/2020	2019	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0028-3-IG-A1-T1	11/3/2020	2020	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0029-3-IG-A1-T1	11/3/2020	2018	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0029-3-IG-A1-T1	11/3/2020	2019	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0029-3-IG-A1-T1	11/3/2020	2020	48	0.00005973	0.027272814	0.027272814	0.00005973	0.00000000	0.00000000
Pop0030-3-IG-A1-T1	11/3/2020</								

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

rule_id	ignition_post_mitigated_safety_consequences	ignition_post_mitigated_residential_reliability_consequences	ignition_post_mitigated_non_residential_reliability_consequences	ignition_post_mitigated_financial_consequences	outage_program_ams_mitigated_liability	outage_program_ams_mitigated_safety_consequences
Ph00001-3UG-LGAS	0.20007354	0.01501704	1.20138439	2.134605716	34.10149437	2.78E-05
Ph00001-3UG-LGAS	0.20007354	0.01501704	1.20138439	2.134605716	34.10149437	2.78E-05
Ph00001-3UG-LGAS	0.20007354	0.01501704	1.20138439	2.134605716	34.10149437	2.78E-05
Ph00002-3UG-LGAS	0.248861446	0.018881899	1.430014799	2.760873478	162.8608442	3.94E-05
Ph00002-3UG-LGAS	0.248861446	0.018881899	1.430014799	2.760873478	162.8608442	3.94E-05
Ph00002-3UG-LGAS	0.248861446	0.018881899	1.430014799	2.760873478	162.8608442	3.94E-05
Ph00003-3UG-LGAS	0.345171844	0.026327897	1.983435233	3.8203406	330.3443253	3.94E-05
Ph00003-3UG-LGAS	0.345171844	0.026327897	1.983435233	3.8203406	330.3443253	3.94E-05
Ph00003-3UG-LGAS	0.345171844	0.026327897	1.983435233	3.8203406	330.3443253	3.94E-05
Ph00004-3UG-LGAS	1.634349235	0.124659596	9.391344592	18.13150061	374.3691259	3.41E-05
Ph00004-3UG-LGAS	1.634349235	0.124659596	9.391344592	18.13150061	374.3691259	3.41E-05
Ph00004-3UG-LGAS	1.634349235	0.124659596	9.391344592	18.13150061	374.3691259	3.41E-05
Ph00005-3UG-LGAS	0.639423905	0.048719288	3.674276206	7.083789613	843.0060332	8.39E-06
Ph00005-3UG-LGAS	0.639423905	0.048719288	3.674276206	7.083789613	843.0060332	8.39E-06
Ph00005-3UG-LGAS	0.639423905	0.048719288	3.674276206	7.083789613	843.0060332	8.39E-06
Ph00006-3UG-LGAS	0.387692067	0.029571134	2.227787307	4.301902951	681.6792228	2.50E-05
Ph00006-3UG-LGAS	0.387692067	0.029571134	2.227787307	4.301902951	681.6792228	2.50E-05
Ph00006-3UG-LGAS	0.387692067	0.029571134	2.227787307	4.301902951	681.6792228	2.50E-05
Ph00007-3UG-LGAS	2.70628233	0.206874206	15.86243812	30.04578882	140.3768864	1.29E-05
Ph00007-3UG-LGAS	2.70628233	0.206874206	15.86243812	30.04578882	140.3768864	1.29E-05
Ph00007-3UG-LGAS	2.70628233	0.206874206	15.86243812	30.04578882	140.3768864	1.29E-05
Ph00008-3UG-LGAS	3.642677834	0.277844496	20.93165951	40.41193297	2282.55936	1.90E-05
Ph00008-3UG-LGAS	3.642677834	0.277844496	20.93165951	40.41193297	2282.55936	1.90E-05
Ph00008-3UG-LGAS	3.642677834	0.277844496	20.93165951	40.41193297	2282.55936	1.90E-05
Ph00009-3UG-LGAS	0.236933114	0.018871888	1.361481534	2.628520378	1861.44564	2.08E-05
Ph00009-3UG-LGAS	0.236933114	0.018871888	1.361481534	2.628520378	1861.44564	2.08E-05
Ph00009-3UG-LGAS	0.236933114	0.018871888	1.361481534	2.628520378	1861.44564	2.08E-05
Ph00010-3UG-LGAS	0.139632267	0.010345323	0.778373975	1.940786761	770.0632809	3.19E-05
Ph00010-3UG-LGAS	0.139632267	0.010345323	0.778373975	1.940786761	770.0632809	3.19E-05
Ph00010-3UG-LGAS	0.139632267	0.010345323	0.778373975	1.940786761	770.0632809	3.19E-05
Ph00011-3UG-LGAS	0.30971258	0.023099248	1.753030938	3.384468171	2157.471429	5.23E-05
Ph00011-3UG-LGAS	0.30971258	0.023099248	1.753030938	3.384468171	2157.471429	5.23E-05
Ph00011-3UG-LGAS	0.30971258	0.023099248	1.753030938	3.384468171	2157.471429	5.23E-05
Ph00012-3UG-LGAS	0.1177241	0.024234241	1.826715261	3.04883703	3648.909589	1.46E-05
Ph00012-3UG-LGAS	0.1177241	0.024234241	1.826715261	3.04883703	3648.909589	1.46E-05
Ph00012-3UG-LGAS	0.1177241	0.024234241	1.826715261	3.04883703	3648.909589	1.46E-05
Ph00013-3UG-LGAS	0.141865996	0.010820792	0.815183894	1.573862873	1222.279851	3.50E-05
Ph00013-3UG-LGAS	0.141865996	0.010820792	0.815183894	1.573862873	1222.279851	3.50E-05
Ph00013-3UG-LGAS	0.141865996	0.010820792	0.815183894	1.573862873	1222.279851	3.50E-05
Ph00014-3UG-LGAS	0.600269929	0.046166841	3.478619478	6.714872735	75.93918898	3.19E-05
Ph00014-3UG-LGAS	0.600269929	0.046166841	3.478619478	6.714872735	75.93918898	3.19E-05
Ph00014-3UG-LGAS	0.600269929	0.046166841	3.478619478	6.714872735	75.93918898	3.19E-05
Ph00015-3UG-LGAS	2.893456185	0.205424293	15.47721341	29.88125208	4122.5693	3.19E-05
Ph00015-3UG-LGAS	2.893456185	0.205424293	15.47721341	29.88125208	4122.5693	3.19E-05
Ph00015-3UG-LGAS	2.893456185	0.205424293	15.47721341	29.88125208	4122.5693	3.19E-05
Ph00016-3UG-LGAS	2.760387529	0.211059564	15.89629617	30.89039545	21.18959543	
Ph00016-3UG-LGAS	2.760387529	0.211059564	15.89629617	30.89039545	21.18959543	
Ph00016-3UG-LGAS	2.760387529	0.211059564	15.89629617	30.89039545	21.18959543	
Ph00017-3UG-LGAS	0.144541341	0.011024861	0.830562912	1.603544308	615.9088551	4.54E-05
Ph00017-3UG-LGAS	0.144541341	0.011024861	0.830562912	1.603544308	615.9088551	4.54E-05
Ph00017-3UG-LGAS	0.144541341	0.011024861	0.830562912	1.603544308	615.9088551	4.54E-05
Ph00018-3UG-LGAS	0.128435696	0.009643857	0.728528433	1.402679947	999.5461419	5.43E-05
Ph00018-3UG-LGAS	0.128435696	0.009643857	0.728528433	1.402679947	999.5461419	5.43E-05
Ph00018-3UG-LGAS	0.128435696	0.009643857	0.728528433	1.402679947	999.5461419	5.43E-05
Ph00019-3UG-LGAS	0.215676126	0.016340623	1.2382714929	2.392714929	1141.555531	4.95E-05
Ph00019-3UG-LGAS	0.215676126	0.016340623	1.2382714929	2.392714929	1141.555531	4.95E-05
Ph00019-3UG-LGAS	0.215676126	0.016340623	1.2382714929	2.392714929	1141.555531	4.95E-05
Ph00020-3UG-LGAS	0.148893156	0.011596795	0.895574135	1.651823421	605.7788869	8.97E-05
Ph00020-3UG-LGAS	0.148893156	0.011596795	0.895574135	1.651823421	605.7788869	8.97E-05
Ph00020-3UG-LGAS	0.148893156	0.011596795	0.895574135	1.651823421	605.7788869	8.97E-05
Ph00021-3UG-LGAS	2.890331373	0.227225959	17.1257309	33.05457219	1209.027281	8.97E-05
Ph00021-3UG-LGAS	2.890331373	0.227225959	17.1257309	33.05457219	1209.027281	8.97E-05
Ph00021-3UG-LGAS	2.890331373	0.227225959	17.1257309	33.05457219	1209.027281	8.97E-05
Ph00022-3UG-LGAS	1.828113979	0.139411095	10.50491054	20.2814187	8.88804081	
Ph00022-3UG-LGAS	1.828113979	0.139411095	10.50491054	20.2814187	8.88804081	
Ph00022-3UG-LGAS	1.828113979	0.139411095	10.50491054	20.2814187	8.88804081	
Ph00023-3UG-LGAS	2.051081179	0.156448111	11.78956048	22.75473454	1111.348182	4.48E-05
Ph00023-3UG-LGAS	2.051081179	0.156448111	11.78956048	22.75473454	1111.348182	4.48E-05
Ph00023-3UG-LGAS	2.051081179	0.156448111	11.78956048	22.75473454	1111.348182	4.48E-05
Ph00024-3UG-LGAS	0.273972814	0.020897221	1.574310465	3.03945946	372.1578965	5.54E-05
Ph00024-3UG-LGAS	0.273972814	0.020897221	1.574310465	3.03945946	372.1578965	5.54E-05
Ph00024-3UG-LGAS	0.273972814	0.020897221	1.574310465	3.03945946	372.1578965	5.54E-05
Ph00025-3UG-LGAS	0.526675137	0.040172039	3.028395921	5.842943987	48.44933784	
Ph00025-3UG-LGAS	0.526675137	0.040172039	3.028395921	5.842943987	48.44933784	
Ph00025-3UG-LGAS	0.526675137	0.040172039	3.028395921	5.842943987	48.44933784	
Ph00026-3UG-LGAS	0.197886047	0.019788604	0.19788604	2.19313265	280.2253992	
Ph00026-3UG-LGAS	0.197886047	0.019788604	0.19788604	2.19313265	280.2253992	
Ph00026-3UG-LGAS	0.197886047	0.019788604	0.19788604	2.19313265	280.2253992	
Ph00027-3UG-LGAS	0.781339595	0.058071889	4.374896728	8.464441502	11091.54147	1.88E-05
Ph00027-3UG-LGAS	0.781339595	0.058071889	4.374896728	8.464441502	11091.54147	1.88E-05
Ph00027-3UG-LGAS	0.781339595	0.058071889	4.374896728	8.464441502	11091.54147	1.88E-05
Ph00028-3UG-LGAS	1.231320084	0.030781878	7.075450262	13.66029775	7949.098047	1.88E-05
Ph00028-3UG-LGAS	1.231320084	0.030781878	7.075450262	13.66029775	7949.098047	1.88E-05
Ph00028-3UG-LGAS	1.231320084	0.030781878	7.075450262	13.66029775	7949.098047	1.88E-05

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id	ignition_post_mitigated_safety_consequences	ignition_post_mitigated_residential_reliability_consequences	ignition_post_mitigated_non_residential_reliability_consequences	ignition_post_mitigated_financial_consequences	ignition_program_era_mitigated_helthood	ignition_program_era_mitigated_safety_consequences
ign0000-0.0-0.0-PAS	3.36762007	2.029971134	2.227787307	4.30102601	193.246518	2.036105
ign0007-0.0-0.0-PAS	2.968371203	2.006818123	2.244578882	4.345178882	1121.2451228	1.056105
ign0008-0.0-0.0-PAS	3.446677034	0.277844936	20.93180901	40.41933027	3808.714293	1.906105
ign0009-0.0-0.0-PAS	2.038071388	0.134451324	3.36451324	7.638030703	1729.862078	2.056105
ign0010-0.0-0.0-PAS	0.135632027	0.773737075	1.904706761	40.41933027	903.6831302	1.486105
ign0012-0.0-0.0-PAS	0.3171241	0.026242341	1.80271081	3.52483703	3882.040623	1.486105
ign0015-0.0-0.0-PAS	2.893458203	0.209458203	15.47221541	49.88122088	3881.883034	3.186105
ign0016-0.0-0.0-PAS	2.763870267	0.211005064	15.8626071	38.69035546	388.921424	2.056105
ign0017-0.0-0.0-PAS	0.144541341	0.01204861	0.83050512	1.603043408	1089.358120	1.486105
ign0022-0.0-0.0-PAS	1.826138072	0.138441005	10.50491054	20.2814187	59.31931545	4.486105
ign0023-0.0-0.0-PAS	2.06108119	0.18465811	11.78980481	22.74734304	1129.236811	4.486105
ign0026-0.0-0.0-PAS	1.211300984	0.039371378	2.724502028	7.66620275	8272.245127	1.056105
ign0028-0.0-0.0-PAS	3.36762007	0.277844936	2.227787307	4.30102601	193.246518	2.056105
ign0029-0.0-0.0-PAS	2.968371203	0.206818123	2.244578882	4.345178882	1121.2451228	1.056105
ign0030-0.0-0.0-PAS	3.446677034	0.277844936	20.93180901	40.41933027	3808.714293	1.906105
ign0031-0.0-0.0-PAS	2.038071388	0.134451324	3.36451324	7.638030703	1729.862078	2.056105
ign0032-0.0-0.0-PAS	0.135632027	0.773737075	1.904706761	40.41933027	903.6831302	1.486105
ign0033-0.0-0.0-PAS	0.3171241	0.026242341	1.80271081	3.52483703	3882.040623	1.486105
ign0035-0.0-0.0-PAS	2.893458203	0.209458203	15.47221541	49.88122088	3881.883034	3.186105
ign0036-0.0-0.0-PAS	2.763870267	0.211005064	15.8626071	38.69035546	388.921424	2.056105
ign0037-0.0-0.0-PAS	0.144541341	0.01204861	0.83050512	1.603043408	1089.358120	1.486105
ign0042-0.0-0.0-PAS	1.826138072	0.138441005	10.50491054	20.2814187	59.31931545	4.486105
ign0043-0.0-0.0-PAS	2.06108119	0.18465811	11.78980481	22.74734304	1129.236811	4.486105
ign0046-0.0-0.0-PAS	1.211300984	0.039371378	2.724502028	7.66620275	8272.245127	1.056105
ign0048-0.0-0.0-PAS	3.36762007	0.277844936	2.227787307	4.30102601	193.246518	2.056105
ign0049-0.0-0.0-PAS	2.968371203	0.206818123	2.244578882	4.345178882	1121.2451228	1.056105
ign0050-0.0-0.0-PAS	3.446677034	0.277844936	20.93180901	40.41933027	3808.714293	1.906105
ign0051-0.0-0.0-PAS	2.038071388	0.134451324	3.36451324	7.638030703	1729.862078	2.056105
ign0052-0.0-0.0-PAS	0.135632027	0.773737075	1.904706761	40.41933027	903.6831302	1.486105
ign0053-0.0-0.0-PAS	0.3171241	0.026242341	1.80271081	3.52483703	3882.040623	1.486105
ign0055-0.0-0.0-PAS	2.893458203	0.209458203	15.47221541	49.88122088	3881.883034	3.186105
ign0056-0.0-0.0-PAS	2.763870267	0.211005064	15.8626071	38.69035546	388.921424	2.056105
ign0057-0.0-0.0-PAS	0.144541341	0.01204861	0.83050512	1.603043408	1089.358120	1.486105
ign0062-0.0-0.0-PAS	1.826138072	0.138441005	10.50491054	20.2814187	59.31931545	4.486105

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job_id	location_post_mitigated_safety_consequences	location_post_mitigated_residential_reliability_consequences	location_post_mitigated_non_residential_reliability_consequences	location_post_mitigated_financial_consequences	outage_program_ens_mitigated_lifehood	outage_program_ens_mitigated_safety_consequences
Pro00002-3-UG-AL-T1	0.248861441	0.128021154	1.430014799	2.702873478	324.3914832	
Pro00002-3-UG-AL-T1	0.248861446	0.128021159	1.430014799	2.702873478	324.3914932	
Pro00002-3-UG-AL-T1	0.248861446	0.128021159	1.430014799	2.702873478	324.3914932	
Pro00003-3-UG-AL-T1	0.344171844	0.128027897	1.883436233	3.8203406	3657.05186	3.94E-05
Pro00003-3-UG-AL-T1	0.344171844	0.128027897	1.883436233	3.8203406	3657.05186	3.94E-05
Pro00003-3-UG-AL-T1	0.344171844	0.128027897	1.883436233	3.8203406	3657.05186	3.94E-05
Pro00004-3-UG-AL-T1	1.634345235	0.124569592	9.391345592	18.13150061	374.3691259	3.41E-05
Pro00004-3-UG-AL-T1	1.634345235	0.124569592	9.391345592	18.13150061	374.3691259	3.41E-05
Pro00004-3-UG-AL-T1	1.634345235	0.124569592	9.391345592	18.13150061	374.3691259	3.41E-05
Pro00005-3-UG-AL-T1	0.639424905	0.048717398	3.674276036	7.083789613	843.0066332	8.35E-06
Pro00005-3-UG-AL-T1	0.639424905	0.048717398	3.674276036	7.083789613	843.0066332	8.35E-06
Pro00005-3-UG-AL-T1	0.639424905	0.048717398	3.674276036	7.083789613	843.0066332	8.35E-06
Pro00006-3-UG-AL-T1	0.387692087	0.059711134	2.227787207	4.301062661	1393.246218	2.65E-05
Pro00006-3-UG-AL-T1	0.387692087	0.059711134	2.227787207	4.301062661	1393.246218	2.65E-05
Pro00006-3-UG-AL-T1	0.387692087	0.059711134	2.227787207	4.301062661	1393.246218	2.65E-05
Pro00007-3-UG-AL-T1	2.709287253	0.206974096	15.56243812	30.04578882	1121.251228	1.25E-05
Pro00007-3-UG-AL-T1	2.709287253	0.206974096	15.56243812	30.04578882	1121.251228	1.25E-05
Pro00007-3-UG-AL-T1	2.709287253	0.206974096	15.56243812	30.04578882	1121.251228	1.25E-05
Pro00008-3-UG-AL-T1	3.642877834	0.277844496	20.83165981	40.41193297	3608.214283	1.95E-05
Pro00008-3-UG-AL-T1	3.642877834	0.277844496	20.83165981	40.41193297	3608.214283	1.95E-05
Pro00008-3-UG-AL-T1	3.642877834	0.277844496	20.83165981	40.41193297	3608.214283	1.95E-05
Pro00009-3-UG-AL-T1	0.236931114	0.018071888	1.361481534	2.638203378	1720.862076	2.08E-05
Pro00009-3-UG-AL-T1	0.236931114	0.018071888	1.361481534	2.638203378	1720.862076	2.08E-05
Pro00009-3-UG-AL-T1	0.236931114	0.018071888	1.361481534	2.638203378	1720.862076	2.08E-05
Pro00010-3-UG-AL-T1	0.139632257	0.010345323	0.773037873	1.624706761	903.6811392	5.23E-05
Pro00010-3-UG-AL-T1	0.139632257	0.010345323	0.773037873	1.624706761	903.6811392	5.23E-05
Pro00010-3-UG-AL-T1	0.139632257	0.010345323	0.773037873	1.624706761	903.6811392	5.23E-05
Pro00011-3-UG-AL-T1	0.309071258	0.032309248	1.753029238	3.384466171	3439.483702	5.23E-05
Pro00011-3-UG-AL-T1	0.309071258	0.032309248	1.753029238	3.384466171	3439.483702	5.23E-05
Pro00011-3-UG-AL-T1	0.309071258	0.032309248	1.753029238	3.384466171	3439.483702	5.23E-05
Pro00012-3-UG-AL-T1	0.3177241	0.02424341	1.820715361	3.52483703	3882.949823	1.48E-05
Pro00012-3-UG-AL-T1	0.3177241	0.02424341	1.820715361	3.52483703	3882.949823	1.48E-05
Pro00012-3-UG-AL-T1	0.3177241	0.02424341	1.820715361	3.52483703	3882.949823	1.48E-05
Pro00013-3-UG-AL-T1	0.141865696	0.010502032	0.810519384	1.573859873	1325.549468	3.95E-05
Pro00013-3-UG-AL-T1	0.141865696	0.010502032	0.810519384	1.573859873	1325.549468	3.95E-05
Pro00013-3-UG-AL-T1	0.141865696	0.010502032	0.810519384	1.573859873	1325.549468	3.95E-05
Pro00014-3-UG-AL-T1	0.605209929	0.045166841	3.478019478	6.714875776	75.93918898	
Pro00014-3-UG-AL-T1	0.605209929	0.045166841	3.478019478	6.714875776	75.93918898	
Pro00014-3-UG-AL-T1	0.605209929	0.045166841	3.478019478	6.714875776	75.93918898	
Pro00015-3-UG-AL-T1	2.693456185	0.205424923	15.47721241	29.88125208	4158.88304	3.19E-05
Pro00015-3-UG-AL-T1	2.693456185	0.205424923	15.47721241	29.88125208	4158.88304	3.19E-05
Pro00015-3-UG-AL-T1	2.693456185	0.205424923	15.47721241	29.88125208	4158.88304	3.19E-05
Pro00016-3-UG-AL-T1	2.760387828	0.212055944	15.89529617	30.89335545	388.9214214	
Pro00016-3-UG-AL-T1	2.760387828	0.212055944	15.89529617	30.89335545	388.9214214	
Pro00016-3-UG-AL-T1	2.760387828	0.212055944	15.89529617	30.89335545	388.9214214	
Pro00017-3-UG-AL-T1	0.144541341	0.011248811	0.83026712	1.603544308	1089.35219	5.45E-05
Pro00017-3-UG-AL-T1	0.144541341	0.011248811	0.83026712	1.603544308	1089.35219	5.45E-05
Pro00017-3-UG-AL-T1	0.144541341	0.011248811	0.83026712	1.603544308	1089.35219	5.45E-05
Pro00018-3-UG-AL-T1	0.128436086	0.009643867	0.726528433	1.402678947	913.3353501	5.45E-05
Pro00018-3-UG-AL-T1	0.128436086	0.009643867	0.726528433	1.402678947	913.3353501	5.45E-05
Pro00018-3-UG-AL-T1	0.128436086	0.009643867	0.726528433	1.402678947	913.3353501	5.45E-05
Pro00019-3-UG-AL-T1	0.215676126	0.016505053	1.238324361	2.392714929	1141.555531	4.95E-05
Pro00019-3-UG-AL-T1	0.215676126	0.016505053	1.238324361	2.392714929	1141.555531	4.95E-05
Pro00019-3-UG-AL-T1	0.215676126	0.016505053	1.238324361	2.392714929	1141.555531	4.95E-05
Pro00020-3-UG-AL-T1	0.148893156	0.011486935	0.855574135	1.651823421	695.7758889	
Pro00020-3-UG-AL-T1	0.148893156	0.011486935	0.855574135	1.651823421	695.7758889	
Pro00020-3-UG-AL-T1	0.148893156	0.011486935	0.855574135	1.651823421	695.7758889	
Pro00021-3-UG-AL-T1	2.890351373	0.227125695	17.1257808	33.04607319	1039.027281	8.97E-06
Pro00021-3-UG-AL-T1	2.890351373	0.227125695	17.1257808	33.04607319	1039.027281	8.97E-06
Pro00021-3-UG-AL-T1	2.890351373	0.227125695	17.1257808	33.04607319	1039.027281	8.97E-06
Pro00022-3-UG-AL-T1	1.828113979	0.139441099	10.90491054	20.2815187	99.31931545	
Pro00022-3-UG-AL-T1	1.828113979	0.139441099	10.90491054	20.2815187	99.31931545	
Pro00022-3-UG-AL-T1	1.828113979	0.139441099	10.90491054	20.2815187	99.31931545	
Pro00023-3-UG-AL-T1	2.051081119	0.156446811	11.78398248	22.7473404	1120.258611	4.48E-05
Pro00023-3-UG-AL-T1	2.051081119	0.156446811	11.78398248	22.7473404	1120.258611	4.48E-05
Pro00023-3-UG-AL-T1	2.051081119	0.156446811	11.78398248	22.7473404	1120.258611	4.48E-05
Pro00024-3-UG-AL-T1	0.273772814	0.020897221	1.574310495	3.03845946	372.1578965	5.54E-05
Pro00024-3-UG-AL-T1	0.273772814	0.020897221	1.574310495	3.03845946	372.1578965	5.54E-05
Pro00024-3-UG-AL-T1	0.273772814	0.020897221	1.574310495	3.03845946	372.1578965	5.54E-05
Pro00025-3-UG-AL-T1	0.526675137	0.040172039	3.026395921	5.842943697	48.44633764	
Pro00025-3-UG-AL-T1	0.526675137	0.040172039	3.026395921	5.842943697	48.44633764	
Pro00025-3-UG-AL-T1	0.526675137	0.040172039	3.026395921	5.842943697	48.44633764	
Pro00026-3-UG-AL-T1	0.197889047	0.019078463	1.139249251	2.19313266	280.2253992	
Pro00026-3-UG-AL-T1	0.197889047	0.019078463	1.139249251	2.19313266	280.2253992	
Pro00026-3-UG-AL-T1	0.197889047	0.019078463	1.139249251	2.19313266	280.2253992	
Pro00027-3-UG-AL-T1	0.781350595	0.058971889	4.374895729	8.484441502	11091.54147	1.88E-05
Pro00027-3-UG-AL-T1	0.781350595	0.058971889	4.374895729	8.484441502	11091.54147	1.88E-05
Pro00027-3-UG-AL-T1	0.781350595	0.058971889	4.374895729	8.484441502	11091.54147	1.88E-05
Pro00028-3-UG-AL-T1	1.231320584	0.093918758	7.078450282	13.66028775	8270.245107	1.98E-05
Pro00028-3-UG-AL-T1	1.231320584	0.093918758	7.078450282	13.66028775	8270.245107	1.98E-05
Pro00028-3-UG-AL-T1	1.231320584	0.093918758	7.078450282	13.66028775	8270.245107	1.98E-05

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ru_id	outage_program_ams_mitigated_residential_reliability_consequences	outage_program_ams_mitigated_non_residential_reliability_consequences	outage_program_ams_mitigated_financial_consequences	outage_program_post_mitigated_likelihood	outage_program_post_mitigated_safety_consequences	outage_program_post_mitigated_residential_reliability_consequences
Pro00001-3UG-UGAS	1.47E-05	0.001070715	0.001070715	0	2.78E-05	1.47E-05
Pro00001-3UG-UGAS	1.47E-05	0.001070715	0.001070715	0	2.78E-05	1.47E-05
Pro00001-3UG-UGAS	1.47E-05	0.001070715	0.001070715	0	2.78E-05	1.47E-05
Pro00002-3UG-UGAS	0.000027369	0.000027369	0.000027369	0	0.000027369	0.000027369
Pro00002-3UG-UGAS	0.000027369	0.000027369	0.000027369	0	0.000027369	0.000027369
Pro00003-3UG-UGAS	2.85E-05	0.001252914	0.001252914	0	3.94E-05	2.85E-05
Pro00003-3UG-UGAS	2.85E-05	0.001252914	0.001252914	0	3.94E-05	2.85E-05
Pro00003-3UG-UGAS	2.85E-05	0.001252914	0.001252914	0	3.94E-05	2.85E-05
Pro00004-3UG-UGAS	4.48E-06	0.000119058	0.000119058	0	3.41E-05	4.48E-06
Pro00004-3UG-UGAS	4.48E-06	0.000119058	0.000119058	0	3.41E-05	4.48E-06
Pro00004-3UG-UGAS	4.48E-06	0.000119058	0.000119058	0	3.41E-05	4.48E-06
Pro00005-3UG-UGAS	1.85E-06	0.0000303419	0.0000303419	0	8.35E-06	1.85E-06
Pro00005-3UG-UGAS	1.85E-06	0.0000303419	0.0000303419	0	8.35E-06	1.85E-06
Pro00005-3UG-UGAS	1.85E-06	0.0000303419	0.0000303419	0	8.35E-06	1.85E-06
Pro00006-3UG-UGAS	1.29E-05	0.000813814	0.000813814	0	2.93E-05	1.29E-05
Pro00006-3UG-UGAS	1.29E-05	0.000813814	0.000813814	0	2.93E-05	1.29E-05
Pro00006-3UG-UGAS	1.29E-05	0.000813814	0.000813814	0	2.93E-05	1.29E-05
Pro00007-3UG-UGAS	8.49E-07	0.000465494	0.000465494	0	1.25E-05	8.49E-07
Pro00007-3UG-UGAS	8.49E-07	0.000465494	0.000465494	0	1.25E-05	8.49E-07
Pro00007-3UG-UGAS	8.49E-07	0.000465494	0.000465494	0	1.25E-05	8.49E-07
Pro00008-3UG-UGAS	3.28E-07	0.000068739	0.000068739	0	1.93E-05	3.28E-07
Pro00008-3UG-UGAS	3.28E-07	0.000068739	0.000068739	0	1.93E-05	3.28E-07
Pro00008-3UG-UGAS	3.28E-07	0.000068739	0.000068739	0	1.93E-05	3.28E-07
Pro00009-3UG-UGAS	2.78E-05	0.000788846	0.000788846	0	2.06E-05	2.78E-05
Pro00009-3UG-UGAS	2.78E-05	0.000788846	0.000788846	0	2.06E-05	2.78E-05
Pro00009-3UG-UGAS	2.78E-05	0.000788846	0.000788846	0	2.06E-05	2.78E-05
Pro00010-3UG-UGAS	5.87E-05	0.001403083	0.001403083	0	5.87E-05	5.87E-05
Pro00010-3UG-UGAS	5.87E-05	0.001403083	0.001403083	0	5.87E-05	5.87E-05
Pro00010-3UG-UGAS	5.87E-05	0.001403083	0.001403083	0	5.87E-05	5.87E-05
Pro00011-3UG-UGAS	2.92E-05	0.001777686	0.001777686	0	5.23E-05	2.92E-05
Pro00011-3UG-UGAS	2.92E-05	0.001777686	0.001777686	0	5.23E-05	2.92E-05
Pro00011-3UG-UGAS	2.92E-05	0.001777686	0.001777686	0	5.23E-05	2.92E-05
Pro00012-3UG-UGAS	7.66E-06	0.000447844	0.000447844	0	1.48E-05	7.66E-06
Pro00012-3UG-UGAS	7.66E-06	0.000447844	0.000447844	0	1.48E-05	7.66E-06
Pro00012-3UG-UGAS	7.66E-06	0.000447844	0.000447844	0	1.48E-05	7.66E-06
Pro00013-3UG-UGAS	4.87E-05	0.001562186	0.001562186	0	3.95E-05	4.87E-05
Pro00013-3UG-UGAS	4.87E-05	0.001562186	0.001562186	0	3.95E-05	4.87E-05
Pro00013-3UG-UGAS	4.87E-05	0.001562186	0.001562186	0	3.95E-05	4.87E-05
Pro00014-3UG-UGAS	0.00024625	0.00427329	0.00427329	0	0.00024625	0.00024625
Pro00014-3UG-UGAS	0.00024625	0.00427329	0.00427329	0	0.00024625	0.00024625
Pro00014-3UG-UGAS	0.00024625	0.00427329	0.00427329	0	0.00024625	0.00024625
Pro00015-3UG-UGAS	1.52E-05	0.000625703	0.000625703	0	3.19E-05	1.52E-05
Pro00015-3UG-UGAS	1.52E-05	0.000625703	0.000625703	0	3.19E-05	1.52E-05
Pro00015-3UG-UGAS	1.52E-05	0.000625703	0.000625703	0	3.19E-05	1.52E-05
Pro00016-3UG-UGAS	2.02E-05	0.000356662	0.000356662	0	2.02E-05	2.02E-05
Pro00016-3UG-UGAS	2.02E-05	0.000356662	0.000356662	0	2.02E-05	2.02E-05
Pro00016-3UG-UGAS	2.02E-05	0.000356662	0.000356662	0	2.02E-05	2.02E-05
Pro00017-3UG-UGAS	0.000107815	0.002724139	0.002724139	0	4.54E-05	0.000107815
Pro00017-3UG-UGAS	0.000107815	0.002724139	0.002724139	0	4.54E-05	0.000107815
Pro00017-3UG-UGAS	0.000107815	0.002724139	0.002724139	0	4.54E-05	0.000107815
Pro00018-3UG-UGAS	1.25E-05	0.001709971	0.001709971	0	5.43E-05	1.25E-05
Pro00018-3UG-UGAS	1.25E-05	0.001709971	0.001709971	0	5.43E-05	1.25E-05
Pro00018-3UG-UGAS	1.25E-05	0.001709971	0.001709971	0	5.43E-05	1.25E-05
Pro00019-3UG-UGAS	9.96E-05	0.001798369	0.001798369	0	4.95E-05	9.96E-05
Pro00019-3UG-UGAS	9.96E-05	0.001798369	0.001798369	0	4.95E-05	9.96E-05
Pro00019-3UG-UGAS	9.96E-05	0.001798369	0.001798369	0	4.95E-05	9.96E-05
Pro00020-3UG-UGAS	9.01E-05	0.00146689	0.00146689	0	9.01E-05	9.01E-05
Pro00020-3UG-UGAS	9.01E-05	0.00146689	0.00146689	0	9.01E-05	9.01E-05
Pro00020-3UG-UGAS	9.01E-05	0.00146689	0.00146689	0	9.01E-05	9.01E-05
Pro00021-3UG-UGAS	1.54E-05	0.000353629	0.000353629	0	8.97E-05	1.54E-05
Pro00021-3UG-UGAS	1.54E-05	0.000353629	0.000353629	0	8.97E-05	1.54E-05
Pro00021-3UG-UGAS	1.54E-05	0.000353629	0.000353629	0	8.97E-05	1.54E-05
Pro00022-3UG-UGAS	1.97E-05	0.000152786	0.000152786	0	1.97E-05	1.97E-05
Pro00022-3UG-UGAS	1.97E-05	0.000152786	0.000152786	0	1.97E-05	1.97E-05
Pro00022-3UG-UGAS	1.97E-05	0.000152786	0.000152786	0	1.97E-05	1.97E-05
Pro00023-3UG-UGAS	6.62E-05	0.003112488	0.003112488	0	4.46E-05	6.62E-05
Pro00023-3UG-UGAS	6.62E-05	0.003112488	0.003112488	0	4.46E-05	6.62E-05
Pro00023-3UG-UGAS	6.62E-05	0.003112488	0.003112488	0	4.46E-05	6.62E-05
Pro00024-3UG-UGAS	6.04E-07	0.000204173	0.000204173	0	6.04E-07	6.04E-07
Pro00024-3UG-UGAS	6.04E-07	0.000204173	0.000204173	0	6.04E-07	6.04E-07
Pro00024-3UG-UGAS	6.04E-07	0.000204173	0.000204173	0	6.04E-07	6.04E-07
Pro00025-3UG-UGAS	2.57E-05	0.000269206	0.000269206	0	2.57E-05	2.57E-05
Pro00025-3UG-UGAS	2.57E-05	0.000269206	0.000269206	0	2.57E-05	2.57E-05
Pro00025-3UG-UGAS	2.57E-05	0.000269206	0.000269206	0	2.57E-05	2.57E-05
Pro00026-3UG-UGAS	6.27E-06	0.000247624	0.000247624	0	1.88E-05	6.27E-06
Pro00026-3UG-UGAS	6.27E-06	0.000247624	0.000247624	0	1.88E-05	6.27E-06
Pro00026-3UG-UGAS	6.27E-06	0.000247624	0.000247624	0	1.88E-05	6.27E-06
Pro00027-3UG-UGAS	2.22E-07	0.000247624	0.000247624	0	1.88E-05	2.22E-07
Pro00027-3UG-UGAS	2.22E-07	0.000247624	0.000247624	0	1.88E-05	2.22E-07
Pro00027-3UG-UGAS	2.22E-07	0.000247624	0.000247624	0	1.88E-05	2.22E-07
Pro00028-3UG-UGAS	2.39E-05	0.000389132	0.000389132	0	1.98E-05	2.39E-05
Pro00028-3UG-UGAS	2.39E-05	0.000389132	0.000389132	0	1.98E-05	2.39E-05
Pro00028-3UG-UGAS	2.39E-05	0.000389132	0.000389132	0	1.98E-05	2.39E-05

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

jur_id	outage_program_ens_mitigated_residential_reliability_consequences	outage_program_ens_mitigated_non_residential_reliability_consequences	outage_program_ens_mitigated_financial_consequences	outage_program_post_mitigated_lielihood	outage_program_post_mitigated_safety_consequences	outage_program_post_mitigated_residential_reliability_consequences
pro0006-3UG-PAS	1,79E-05	0.0001381	0.0001381	0	395.1721199	2,93E-05
pro0007-3UG-PAS	8,49E-07	0.00056564	0	0	953.1882103	8,49E-07
pro0008-3UG-PAS	3,28E-07	0.00098789	0	0	1009.249745	3,28E-07
pro0009-3UG-PAS	2,78E-05	0.00078946	0	0	26.39723199	2,78E-05
pro0010-3UG-PAS	8,87E-05	0.001403083	0	0	64.38006029	8,87E-05
pro0012-3UG-PAS	7,66E-05	0.00447444	0	0	502.8948957	7,66E-05
pro0015-3UG-PAS	1,82E-05	0.000525703	0	0	217.6802418	3,19E-05
pro0016-3UG-PAS	2,02E-05	0.000305602	0	0	176.5454339	2,02E-05
pro0007-3UG-PAS	0.000107815	0.002724139	0	0	272.8503977	4,54E-05
pro0002-3UG-PAS	1,97E-05	0.000152786	0	0	25.18415021	1,97E-05
pro0023-3UG-PAS	6,62E-05	0.00312488	0	0	3,974811083	6,62E-05
pro0028-3UG-PAS	2,39E-05	0.000289132	0	0	1115.203811	2,39E-05
pro0009-3UG-PAS	1,29E-05	0.009813914	0	0	395.9817359	2,93E-05
pro0007-3UG-PAS	8,49E-07	0.00484544	0	0	953.1882103	8,49E-07
pro0008-3UG-PAS	3,28E-07	0.00098789	0	0	1009.249745	3,28E-07
pro0009-3UG-PAS	2,78E-05	0.00078946	0	0	26.39723199	2,78E-05
pro0010-3UG-PAS	8,87E-05	0.001403083	0	0	64.38006029	8,87E-05
pro0012-3UG-PAS	7,66E-05	0.00447444	0	0	502.8948957	7,66E-05
pro0015-3UG-PAS	1,82E-05	0.000525703	0	0	217.6802418	3,19E-05
pro0016-3UG-PAS	2,02E-05	0.000305602	0	0	176.5454339	2,02E-05
pro0017-3UG-PAS	0.000107815	0.002724139	0	0	272.8503977	4,54E-05
pro0023-3UG-PAS	1,97E-05	0.000152786	0	0	25.18415021	1,97E-05
pro0028-3UG-PAS	2,39E-05	0.00312488	0	0	3,974811083	6,62E-05
pro0009-3UG-PAS	1,29E-05	0.009813914	0	0	1115.203811	2,93E-05
pro0007-3UG-PAS	8,49E-07	0.00484544	0	0	953.1882103	8,49E-07
pro0008-3UG-PAS	3,28E-07	0.00098789	0	0	1009.249745	3,28E-07
pro0009-3UG-PAS	2,78E-05	0.00078946	0	0	26.39723199	2,78E-05
pro0010-3UG-PAS	8,87E-05	0.001403083	0	0	64.38006029	8,87E-05
pro0012-3UG-PAS	7,66E-05	0.00447444	0	0	502.8948957	7,66E-05
pro0015-3UG-PAS	1,82E-05	0.000525703	0	0	217.6802418	3,19E-05
pro0016-3UG-PAS	2,02E-05	0.000305602	0	0	176.5454339	2,02E-05
pro0017-3UG-PAS	0.000107815	0.002724139	0	0	272.8503977	4,54E-05
pro0023-3UG-PAS	1,97E-05	0.000152786	0	0	25.18415021	1,97E-05
pro0028-3UG-PAS	2,39E-05	0.00312488	0	0	3,974811083	6,62E-05
pro0009-3UG-PAS	1,47E-05	0.001007015	0	0	1115.203811	2,78E-05
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	0	0.000257369
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	141.6172917	2,89E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	2,389202227	3,41E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	13.13093598	8,35E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	1518.143899	5,23E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	230.2031809	3,55E-05
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	0.0493886	0.00024625
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	18.44672875	5,43E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0.458323711	4,95E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	9,01E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	0.458323711	4,95E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0	9,01E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	1,54E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	0.458323711	4,95E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0	9,01E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	1,54E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	0.458323711	4,95E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0	9,01E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	1,54E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	0.458323711	4,95E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0	9,01E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	1,54E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0	0.458323711	4,95E-05
pro0020-3UG-PAS	9,01E-05	0.000146689	0	0	0	9,01E-05
pro0021-3UG-PAS	1,54E-05	0.000303526	0	0	0	1,54E-05
pro0024-3UG-PAS	0.04E-07	0.000204173	0	0	0.04897466	0.04E-07
pro0025-3UG-PAS	2,57E-05	0.000260206	0	0	0.02353085	2,57E-05
pro0026-3UG-PAS	6,27E-05	6.89E-05	0	0	0	6,27E-05
pro0027-3UG-PAS	2,22E-07	0.000247624	0	0	6.3072719	1,88E-05
pro0001-3UG-PAS	1,47E-05	0.01007015	0	0	0	2,22E-07
pro0002-3UG-PAS	0.000257369	0.00267008	0	0	141.6172917	2,78E-05
pro0003-3UG-PAS	2,89E-05	0.01252014	0	0	251.4885447	3,94E-05
pro0004-3UG-PAS	4,48E-05	0.000118058	0	0	2,389202227	3,41E-05
pro0005-3UG-PAS	1,85E-05	0.002620419	0	0	13.13093598	8,35E-05
pro0011-3UG-PAS	2,92E-05	0.001777686	0	0	1518.143899	5,23E-05
pro0013-3UG-PAS	4,87E-05	0.01562186	0	0	230.2031809	3,55E-05
pro0014-3UG-PAS	0.00024625	0.04272329	0	0	0.0493886	0.00024625
pro0018-3UG-PAS	1,29E-05	0.001709971	0	0	18.44672875	5,43E-05
pro0019-3UG-PAS	9,98E-05	0.001780369	0	0		

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

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SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

[illegible]

SPD-37 Table 1: Data Set

[illegible]

SPD-37 Table 1: Data Set

[illegible]

SPD-37 Table 1: Data Set

ID	id	ignition_risk_mitigation_benefit	output_program_risk_mitigation_benefit	total_cost_nbo	total_cost_nbo_rbp	incremental_cost_nbo	incremental_cost_nbo_rbp	incremental_cost_nbo	incremental_cost_nbo_rbp	total_mitigation_benefit_scaled	total_mitigation_benefit_unscaled	average_unit_cost_nbo_rbp	total_cost_cap	total_project_costs	
PM00001-3G-US-IGAS	1	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00002-3G-US-IGAS	2	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00003-3G-US-IGAS	3	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00004-3G-US-IGAS	4	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00005-3G-US-IGAS	5	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00006-3G-US-IGAS	6	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00007-3G-US-IGAS	7	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00008-3G-US-IGAS	8	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00009-3G-US-IGAS	9	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00010-3G-US-IGAS	10	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00011-3G-US-IGAS	11	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00012-3G-US-IGAS	12	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00013-3G-US-IGAS	13	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00014-3G-US-IGAS	14	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00015-3G-US-IGAS	15	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00016-3G-US-IGAS	16	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00017-3G-US-IGAS	17	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00018-3G-US-IGAS	18	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00019-3G-US-IGAS	19	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00020-3G-US-IGAS	20	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00021-3G-US-IGAS	21	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00022-3G-US-IGAS	22	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00023-3G-US-IGAS	23	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00024-3G-US-IGAS	24	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00025-3G-US-IGAS	25	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00026-3G-US-IGAS	26	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00027-3G-US-IGAS	27	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00028-3G-US-IGAS	28	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00029-3G-US-IGAS	29	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00030-3G-US-IGAS	30	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00031-3G-US-IGAS	31	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00032-3G-US-IGAS	32	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00033-3G-US-IGAS	33	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00034-3G-US-IGAS	34	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00035-3G-US-IGAS	35	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00036-3G-US-IGAS	36	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00037-3G-US-IGAS	37	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00038-3G-US-IGAS	38	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00039-3G-US-IGAS	39	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00040-3G-US-IGAS	40	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00041-3G-US-IGAS	41	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00042-3G-US-IGAS	42	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00043-3G-US-IGAS	43	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00044-3G-US-IGAS	44	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00045-3G-US-IGAS	45	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00046-3G-US-IGAS	46	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00047-3G-US-IGAS	47	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00048-3G-US-IGAS	48	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00049-3G-US-IGAS	49	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00050-3G-US-IGAS	50	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00051-3G-US-IGAS	51	0.13576755	0.13576755	3.44568577	1.18303139	2.26265438	0.00128181	-1.08328767	0.00240735	0.27471372	116.204844	78.6050719	3.06276372	11.1178320	11.1100950
PM00052-3G-US-IGAS	52	0.13576755													

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Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

am_id	ignition_risk_mitigation_benefit	instage_program_risk_mitigation_benefit	total_em_costs_risk	total_em_costs_risk_mv	incremental_em_costs	incremental_em_savchrg	incremental_em_cost_mv	incremental_em_savchrg_mv	total_mitigation_benefit_scaled	total_mitigation_benefit_unscaled	average_unit_cost_per_mile	total_cases	total_projects
Psp0007-UG-FAS	0.90307457	0.82478989	0.11083330	27.15457289	0.01168779	0.12722127	0.24213221	1.20058936	28.76212029	28.76212029	28.76212029	23.76212029	2.83721730
Psp0008-UG-FAS	0.97826505	0.87861707	0.07936485	0.06260685	0.07971740	0.00000000	0.13001763	1.18872284	30.60202004	30.60202004	30.60202004	24.60202004	8.64795407
Psp0009-UG-FAS	1.06041173	1.03774089	0.04894291	17.4807592	0.03245429	0.27209321	0.60505912	0.44461677	31.03401619	31.03401619	31.03401619	24.03401619	54.68474846
Psp0010-UG-FAS	0.26523874	1.38420474	1.32042874	27.25504989	0.00429801	0.00429801	-0.00000000	-0.00000000	72.30115022	72.30115022	72.30115022	66.30115022	26.95417444
Psp0010-UG-FAS	0.60340916	1.27688586	0.60340916	12.47188582	0.00000183	0.38823114	0.120661174	77.81280903	66.07500693	66.07500693	66.07500693	25.07500693	25.07500693
Psp0012-UG-FAS	1.10721156	1.5959507	1.10721156	14.41504883	0.00560744	0.00560744	0.00560744	0.46485653	47.86045453	47.86045453	47.86045453	18.86045453	18.86045453
Psp0015-UG-FAS	0.31435432	1.77595072	0.31435432	32.61743558	0.01858951	0.01858951	0.377006964	-21.54412354	255.87713803	255.87713803	255.87713803	76.87713803	76.87713803
Psp0016-UG-FAS	0.94053031	0.96919502	0.02866471	33.23984947	0.00705069	0.071431353	1.38723964	1.47789894	88.19954884	88.19954884	88.19954884	24.74789894	27.73498474
Psp0017-UG-FAS	0.31204067	0.31204067	0.00000000	1.00976581	0.33736216	0.11189169	0.265919107	0.620389187	14.7096461	14.7096461	14.7096461	15.85952917	15.85952917
Psp0022-UG-FAS	0.119756892	0.05082874	0.16858916	0.16858916	0.06032175	0.000595736	0.119652405	-0.29071534	9.994133805	2.787541375	0.887235776	2.38045322	2.38045322
Psp0023-UG-FAS	0.208712246	0.34842893	0.13971671	69.49811278	0.01713024	0.00000000	0.00000000	0.00000000	177.673287	177.673287	177.673287	132.673287	132.673287
Psp0026-UG-FAS	0.104988738	0.20858638	0.10359765	14.87838029	0.002619677	0.00000000	0.00000000	0.00000000	33.90060194	8.77357471	2.736667953	9.38687577	9.38687577
Psp0028-UG-FAS	0.063495737	0.063495737	0.00000000	7.83244635	0.00169779	0.00169779	0.08851064	0.19870938	86.7735084	2.87323143	2.87323143	2.87323143	2.87323143
Psp0029-UG-FAS	0.302657063	0.07876307	0.07876307	30.26424022	0.019717407	0.019717407	1.91231864	0.00000000	1.18872284	9.83026	1.18872284	9.83026	9.84795407
Psp0029-UG-FAS	0.104988738	0.104988738	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	358.1041035	2.024205056	54.68474846	54.68474846	54.68474846
Psp0030-UG-FAS	0.26523874	1.32042874	1.32042874	77.1800283	0.17780023	0.00000000	0.00000000	0.00000000	100.7347452	2.84342454	26.948464	26.948464	26.948464
Psp0030-UG-FAS	0.17359507	0.06340916	0.06340916	30.01454904	0.00000183	0.324741174	-22.57799678	275.8431232	240.8879274	27.81428903	25.07500693	25.07500693	25.07500693
Psp0032-UG-FAS	0.157291155	1.5395507	0.701238126	39.8184397	0.454360242	0.00000000	0.302250919	-27.3414043	141.2070139	2.69368189	18.852711	18.852711	18.852711
Psp0035-UG-FAS	1.77595072	0.31435432	1.77595072	1.77595072	0.140244895	0.00000000	0.00000000	0.00000000	7.7883301	378.1057166	7.7883301	76.8521311	76.8521311
Psp0036-UG-FAS	0.94053031	0.96919502	0.02866471	85.3242112	0.00000000	0.07431353	3.48620698	-4.16174886	241.732001	1.05724328	27.73498474	27.73498474	27.73498474
Psp0037-UG-FAS	0.119756892	0.21242893	0.21242893	54.88281075	0.017382114	0.00000000	0.00000000	0.00000000	1.01817901	15.87234	15.87234	15.87234	15.87234
Psp0038-UG-FAS	0.119756892	0.119756892	0.00000000	8.10584654	0.00000000	0.00000000	0.00000000	0.00000000	7.81054453	0.8873077	2.38045322	2.38045322	2.38045322
Psp0039-UG-FAS	2.030712246	3.771553278	3.771553278	37.771553278	0.012172024	0.000442871	0.17495952	-17.7217317	984.489276	3.45321429	102.3028	102.3028	102.3028
Psp0039-UG-FAS	0.104988738	0.20858638	0.10359765	17.162415	0.00000000	0.00000000	0.00000000	0.00000000	2.74686793	9.38687577	9.38687577	9.38687577	9.38687577
Psp0039-UG-FAS	0.063495737	0.063495737	0.00000000	2.154587948	0.00412227	0.00412227	0.12008386	28.7324143	2.6732	2.6732	2.6732	2.6732	2.6732
Psp0039-UG-FAS	0.104988738	0.104988738	0.00000000	1.16858916	0.00000000	0.00000000	0.00000000	0.00000000	1.16858916	1.16858916	1.16858916	1.16858916	1.16858916
Psp0039-UG-FAS	0.26523874	1.38420474	1.32042874	27.25504989	0.00429801	0.00429801	0.00000000	0.00000000	82.273159	2.84342454	26.948464	26.948464	26.948464
Psp0040-UG-FAS	0.17359507	0.06340916	0.06340916	12.47188582	0.00000183	0.38823114	0.120661174	77.81280903	66.07500693	66.07500693	66.07500693	25.07500693	25.07500693
Psp0042-UG-FAS	0.157291155	1.5395507	0.701238126	39.8184397	0.454360242	0.00000000	0.302250919	-27.3414043	141.2070139	2.69368189	18.852711	18.852711	18.852711
Psp0043-UG-FAS	1.77595072	0.31435432	1.77595072	1.77595072	0.140244895	0.00000000	0.00000000	0.00000000	7.7883301	378.1057166	7.7883301	76.8521311	76.8521311
Psp0045-UG-FAS	0.94053031	0.96919502	0.02866471	85.3242112	0.00000000	0.07431353	3.48620698	-4.16174886	241.732001	1.05724328	27.73498474	27.73498474	27.73498474
Psp0047-UG-FAS	0.119756892	0.21242893	0.21242893	54.88281075	0.017382114	0.00000000	0.00000000	0.00000000	1.01817901	15.87234	15.87234	15.87234	15.87234
Psp0048-UG-FAS	0.119756892	0.119756892	0.00000000	8.10584654	0.00000000	0.00000000	0.00000000	0.00000000	7.81054453	0.8873077	2.38045322	2.38045322	2.38045322
Psp0049-UG-FAS	2.030712246	3.771553278	3.771553278	37.771553278	0.012172024	0.000442871	0.17495952	-17.7217317	984.489276	3.45321429	102.3028	102.3028	102.3028
Psp0049-UG-FAS	0.104988738	0.20858638	0.10359765	17.162415	0.00000000	0.00000000	0.00000000	0.00000000	2.74686793	9.38687577	9.38687577	9.38687577	9.38687577
Psp0049-UG-FAS	0.063495737	0.063495737	0.00000000	2.154587948	0.00412227	0.00412227	0.12008386	28.7324143	2.6732	2.6732	2.6732	2.6732	2.6732
Psp0049-UG-FAS	0.104988738	0.104988738	0.00000000	1.16858916	0.00000000	0.00000000	0.00000000	0.00000000	1.16858916	1.16858916	1.16858916	1.16858916	1.16858916
Psp0049-UG-FAS	0.26523874	1.38420474	1.32042874	27.25504989	0.00429801	0.00429801	0.00000000	0.00000000	82.273159	2.84342454	26.948464	26.948464	26.948464
Psp0050-UG-FAS	0.17359507	0.06340916	0.06340916	12.47188582	0.00000183	0.38823114	0.120661174	77.81280903	66.07500693	66.07500693	66.07500693	25.07500693	25.07500693
Psp0052-UG-FAS	0.157291155	1.5395507	0.701238126	39.8184397	0.454360242	0.00000000	0.302250919	-27.3414043	141.2070139	2.69368189	18.852711	18.852711	18.852711
Psp0053-UG-FAS	1.77595072	0.31435432	1.77595072	1.77595072	0.140244895	0.00000000	0.00000000	0.00000000	7.7883301	378.1057166	7.7883301	76.8521311	76.8521311
Psp0055-UG-FAS	0.94053031	0.96919502	0.02866471	85.3242112	0.00000000	0.07431353	3.48620698	-4.16174886	241.732001	1.05724328	27.73498474	27.73498474	27.73498474
Psp0057-UG-FAS	0.119756892	0.21242893	0.21242893	54.88281075	0.017382114	0.00000000	0.00000000	0.00000000	1.01817901	15.87234	15.87234	15.87234	15.87234
Psp0058-UG-FAS	0.119756892	0.119756892	0.00000000	8.10584654	0.00000000	0.00000000	0.00000000	0.00000000	7.81054453	0.8873077	2.38045322	2.38045322	2.38045322
Psp0059-UG-FAS	2.030712246	3.771553278	3.771553278	37.771553278	0.012172024	0.000442871	0.17495952	-17.7217317	984.489276	3.45321429	102.3028	102.3028	102.3028
Psp0059-UG-FAS	0.104988738	0.20858638	0.10359765	17.162415	0.00000000	0.00000000	0.00000000	0.00000000	2.74686793	9.38687577	9.38687577	9.38687577	9.38687577
Psp0059-UG-FAS	0.063495737	0.063495737	0.00000000	2.154587948	0.00412227	0.00412227	0.12008386	28.7324143	2.6732	2.6732	2.6732	2.6732	2.6732
Psp0059-UG-FAS	0.104988738	0.104988738	0.00000000	1.16858916	0.00000000	0.00000000	0.00000000	0.00000000	1.16858916	1.16858916	1.16858916	1.16858916	1.16858916
Psp0059-UG-FAS	0.26523874	1.38420474	1.32042874	27.25504989	0.00429801	0.00429801	0.00000000	0.00000000	82.273159	2.84342454	26.948464	26.948464	26.948464
Psp0060-UG-FAS	0.17359507	0.06340916	0.06340916	12.47188582	0.00000183	0.38823114	0.120661174	77.81280903	66.07500693	66.07500693	66.07500693	25.07500693	25.07500693
Psp0062-UG-FAS	0.157291155	1.5395507	0.701238126	39.8184397	0.454360242	0.00000000	0.302250919	-27.3414043	141.2070139	2.69368189	18.852711	18.852711	18.852711
Psp0063-UG-FAS	1.77595072	0.31435432	1.77595072	1.77595072	0.140244895	0.00000000	0.00000000	0.00000000	7.7883301	378.1057166	7.7883301	76.8521311	76.8521311
Psp0065-UG-FAS	0.94053031	0.96919502	0.02866471	85.3242112	0.00000000	0.07431353	3.48620698	-4.16174886	241.732001	1.05724328	27.73498474	27.73498474	27.73498474
Psp0067-UG-FAS	0.119756892	0.21242893	0.21242893	54.88281075	0.017382114	0.00000000	0.00000000	0.00000000	1.01817901	15.87234	15.87234	15.87234	15.87234
Psp0068-UG-FAS	0.119756892	0.119756892	0.00000000	8.10584654	0.00000000	0.00000000	0.00000000	0.00000000	7.81054453	0.8873077	2.38045322	2.38045322	2.38045322
Psp0069-UG-FAS	2.030712246	3.771553278	3.771553278	37.771553278	0.012172024	0.000442871	0.17495952	-17.7217317	984.489276	3.45321429	102.3028	102.3028	102.3028
Psp0069-UG-FAS	0.104988738	0.20858638	0.10359765	17.162415	0.00000000	0.00000000	0.00000000	0.00000000	2.74686793				

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

[illegible]

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 1: Data Set

row_id	present_value_project_costs	benefit_cost_ratio_scaled	benefit_cost_ratio_unscaled	backcasted_total_mitigation_benefit	backcasted_present_value_project_costs	backcasted_benefit_cost_ratio	unit_cost_percentage_difference	bcr_percentage_difference	risk_model	reporting_date	calculated_date
Prog0001-3UG-LGAS	15,4550846	-15,441261	-15,178150	116,294484	15,4550846	-15,441261			WBCA_v1.0	9/30/2026	9/4/2026
Prog0001-3UG-LGAS	10,50413277	-6,73973061	-4,50053063						WBCA_v1.0	9/30/2026	9/4/2026
Prog0001-3UG-LGAS	10,4506946	-17,8452952	-12,2467158						WBCA_v1.0	9/30/2026	9/4/2026
Prog0002-3UG-LGAS	10,8904946	8,81194238	8,06443448	40,472096	10,8904946	8,81194238			WBCA_v1.0	9/30/2026	9/4/2026
Prog0002-3UG-LGAS	10,92087136	-27,73044267	-26,01150791						WBCA_v1.0	9/30/2026	9/4/2026
Prog0003-3UG-LGAS	10,8905986	16,10248473	8,46147909						WBCA_v1.0	9/30/2026	9/4/2026
Prog0003-3UG-LGAS	48,99728187	7,017130363	5,48870566	153,4120952	48,99728187	7,017130363			WBCA_v1.0	9/30/2026	9/4/2026
Prog0003-3UG-LGAS	49,15140347	-16,67646443	-13,21852912						WBCA_v1.0	9/30/2026	9/4/2026
Prog0003-3UG-LGAS	48,99728187	8,124844489	4,436270508						WBCA_v1.0	9/30/2026	9/4/2026
Prog0004-3UG-LGAS	1,84702961	6,10208026	2,67728984	4,059912421	1,84702961	6,10208026			WBCA_v1.0	9/30/2026	9/4/2026
Prog0004-3UG-LGAS	1,655451332	-10,10284426	-4,28871147						WBCA_v1.0	9/30/2026	9/4/2026
Prog0004-3UG-LGAS	1,94702961	6,46808129	2,86810503						WBCA_v1.0	9/30/2026	9/4/2026
Prog0005-3UG-LGAS	22,61234423	-6,48844923	-3,12873118	17,4098477	22,61234423	-6,48844923			WBCA_v1.0	9/30/2026	9/4/2026
Prog0005-3UG-LGAS	22,70050203	-1,001701251	0,469424303						WBCA_v1.0	9/30/2026	9/4/2026
Prog0006-3UG-LGAS	29,61244423	-7,061471068	-3,54564282						WBCA_v1.0	9/30/2026	9/4/2026
Prog0006-3UG-LGAS	2,487260175	12,854511061	3,50585816						WBCA_v1.0	9/30/2026	9/4/2026
Prog0006-3UG-LGAS	2,475519757	-74,22275465	-56,10041448	17,18199538	2,487260175	12,854511061			WBCA_v1.0	9/30/2026	9/4/2026
Prog0006-3UG-LGAS	2,487260175	14,43987249	11,08652372						WBCA_v1.0	9/30/2026	9/4/2026
Prog0007-3UG-LGAS	4,591184704	3,177983073	1,106027901	10,21519789	4,591184704	3,177983073			WBCA_v1.0	9/30/2026	9/4/2026
Prog0007-3UG-LGAS	4,564199826	41,83021104	14,44309302						WBCA_v1.0	9/30/2026	9/4/2026
Prog0007-3UG-LGAS	4,591184704	3,177983073	1,106027901						WBCA_v1.0	9/30/2026	9/4/2026
Prog0008-3UG-LGAS	61,45049662	10,60863323	0,778847794	95,53408497	61,45049662	10,60863323			WBCA_v1.0	9/30/2026	9/4/2026
Prog0008-3UG-LGAS	61,6502948	5,051602528	2,321768914						WBCA_v1.0	9/30/2026	9/4/2026
Prog0008-3UG-LGAS	61,45049662	1,735746566	0,831065777						WBCA_v1.0	9/30/2026	9/4/2026
Prog0009-3UG-LGAS	36,89262319	4,37589315	3,040682773	70,0515368	36,89262319	4,37589315			WBCA_v1.0	9/30/2026	9/4/2026
Prog0009-3UG-LGAS	37,0788327	-6,82064	-4,86241451						WBCA_v1.0	9/30/2026	9/4/2026
Prog0009-3UG-LGAS	36,90562319	4,905030674	3,55530696						WBCA_v1.0	9/30/2026	9/4/2026
Prog0010-3UG-LGAS	33,30283999	2,71091154	2,354519936	71,36308394	33,30283999	2,71091154			WBCA_v1.0	9/30/2026	9/4/2026
Prog0010-3UG-LGAS	33,40709445	21,995239	18,80071906						WBCA_v1.0	9/30/2026	9/4/2026
Prog0010-3UG-LGAS	33,30283999	3,960270485	2,837713987						WBCA_v1.0	9/30/2026	9/4/2026
Prog0011-3UG-LGAS	25,4725283	16,63723447	16,63723447	144,1629639	25,4725283	16,63723447			WBCA_v1.0	9/30/2026	9/4/2026
Prog0011-3UG-LGAS	25,50569718	-15,93581853	-12,82164128						WBCA_v1.0	9/30/2026	9/4/2026
Prog0011-3UG-LGAS	25,4725283	24,17115933	19,44547563						WBCA_v1.0	9/30/2026	9/4/2026
Prog0012-3UG-LGAS	23,13364932	4,033592861	3,105378866	64,13202018	23,13364932	4,033592861			WBCA_v1.0	9/30/2026	9/4/2026
Prog0012-3UG-LGAS	23,20842887	-59,57874418	-44,28674306						WBCA_v1.0	9/30/2026	9/4/2026
Prog0012-3UG-LGAS	23,13364932	5,24172205	3,63366971						WBCA_v1.0	9/30/2026	9/4/2026
Prog0013-3UG-LGAS	43,47247051	3,355848146	2,821028538	84,19565087	43,47247051	3,355848146			WBCA_v1.0	9/30/2026	9/4/2026
Prog0013-3UG-LGAS	43,61347425	-1108,687781	-688,8039352						WBCA_v1.0	9/30/2026	9/4/2026
Prog0013-3UG-LGAS	43,47247051	3,342017288	3,504214516						WBCA_v1.0	9/30/2026	9/4/2026
Prog0014-3UG-LGAS	5,35957724	11,34175566	7,170180212	15,44005686	5,35957724	11,34175566			WBCA_v1.0	9/30/2026	9/4/2026
Prog0014-3UG-LGAS	5,37392411	-17,85435371	-4,80739175						WBCA_v1.0	9/30/2026	9/4/2026
Prog0014-3UG-LGAS	5,35957724	15,448178623	6,216485008						WBCA_v1.0	9/30/2026	9/4/2026
Prog0015-3UG-LGAS	100,8544398	2,891387056	1,431199971	232,8128305	100,8544398	2,891387056			WBCA_v1.0	9/30/2026	9/4/2026
Prog0015-3UG-LGAS	101,1171078	16,12266997	8,052464973						WBCA_v1.0	9/30/2026	9/4/2026
Prog0015-3UG-LGAS	100,8544398	3,139813268	1,630045303						WBCA_v1.0	9/30/2026	9/4/2026
Prog0015-3UG-LGAS	7,112889524	1,103362625	0,411813158	9,930895428	7,112889524	1,103362625			WBCA_v1.0	9/30/2026	9/4/2026
Prog0016-3UG-LGAS	7,841234691	7,419481744	0,449305431						WBCA_v1.0	9/30/2026	9/4/2026
Prog0017-3UG-LGAS	15,90433380	9,040402259	8,186185101	84,59410089	15,90433380	9,040402259			WBCA_v1.0	9/30/2026	9/4/2026
Prog0017-3UG-LGAS	15,95411987	-59,84436265	-81,15186284						WBCA_v1.0	9/30/2026	9/4/2026
Prog0017-3UG-LGAS	15,90433380	10,74155447	9,786230383						WBCA_v1.0	9/30/2026	9/4/2026
Prog0018-3UG-LGAS	10,49864663	11,85589145	8,735589002	56,80169386	10,49864663	11,85589145			WBCA_v1.0	9/30/2026	9/4/2026
Prog0018-3UG-LGAS	10,53165798	-29,29145854	-21,54760703						WBCA_v1.0	9/30/2026	9/4/2026
Prog0018-3UG-LGAS	10,49864663	13,714572923	10,16220078						WBCA_v1.0	9/30/2026	9/4/2026
Prog0019-3UG-LGAS	58,31708172	3,313175051	2,638058984	122,3187897	58,31708172	3,313175051			WBCA_v1.0	9/30/2026	9/4/2026
Prog0019-3UG-LGAS	58,48718973	-192,3011078	-133,071022						WBCA_v1.0	9/30/2026	9/4/2026
Prog0019-3UG-LGAS	58,31708172	3,84210948	3,13831368						WBCA_v1.0	9/30/2026	9/4/2026
Prog0020-3UG-LGAS	23,3462748	4,60010282	2,29521943	18,38476524	23,3462748	4,60010282			WBCA_v1.0	9/30/2026	9/4/2026
Prog0020-3UG-LGAS	23,41972342	-1,723460927	0,887162123						WBCA_v1.0	9/30/2026	9/4/2026
Prog0020-3UG-LGAS	23,3462748	5,016286703	2,617008978						WBCA_v1.0	9/30/2026	9/4/2026
Prog0021-3UG-LGAS	80,37069228	2,80349372	0,878913877	149,3403987	80,37069228	2,80349372			WBCA_v1.0	9/30/2026	9/4/2026
Prog0021-3UG-LGAS	80,68374714	99,0456478	181,7338063						WBCA_v1.0	9/30/2026	9/4/2026
Prog0021-3UG-LGAS	80,37069228	2,90546704	0,860595128						WBCA_v1.0	9/30/2026	9/4/2026
Prog0022-3UG-LGAS	0,89814377	3,303041153	0,868996432	2,27087615	0,89814377	3,303041153			WBCA_v1.0	9/30/2026	9/4/2026
Prog0022-3UG-LGAS	0,89260308	42,10089955	11,6862139						WBCA_v1.0	9/30/2026	9/4/2026
Prog0022-3UG-LGAS	0,89814377	5,9030988	3,85427135						WBCA_v1.0	9/30/2026	9/4/2026
Prog0023-3UG-LGAS	142,0336028	3,899119027	2,200701366	310,3067481	142,0336028	3,899119027			WBCA_v1.0	9/30/2026	9/4/2026
Prog0023-3UG-LGAS	142,4804884	-29,19524877	-17,61103945						WBCA_v1.0	9/30/2026	9/4/2026
Prog0023-3UG-LGAS	142,0336028	4,424817888	2,856454282						WBCA_v1.0	9/30/2026	9/4/2026
Prog0024-3UG-LGAS	4,361234595	-42,14206302	-21,5632114	5,641874881	4,361234595	-42,14206302			WBCA_v1.0	9/30/2026	9/4/2026
Prog0024-3UG-LGAS	4,37769283	-2,62952286	-1,027396238						WBCA_v1.0	9/30/2026	9/4/2026
Prog0024-3UG-LGAS	4,361234595	-46,4838471	-24,78496163						WBCA_v1.0	9/30/2026	9/4/2026
Prog0025-3UG-LGAS	18,60844454	2,6288083	0,899774882	24,45394237	18,60844454	2,6288083			WBCA_v1.0	9/30/2026	9/4/2026
Prog0025-3UG-LGAS	18,60844454	-6,669952029	-3,13270383						WBCA_v1.0	9/30/2026	9/4/2026
Prog0026-3UG-LGAS	14,04265953	2,743026827	0,988056389	10,02959587	14,04265953	2,743026827			WBCA_v1.0	9/30/2026	9/4/2026
Prog0026-3UG-LGAS	14,04265953	1,818787891	0,828897845						WBCA_v1.0	9/30/2026	9/4/2026
Prog0026-3UG-LGAS	14,08867413	-2,00718944	-6,39778915						WBCA_v1.0	9/30/2026	9/4/2026
Prog0027-3UG-LGAS	14,04265953	21,87484177	7,487514594						WBCA_v1.0	9/30/2026	9/4/2026
Prog0027-3UG-LGAS	4,49501834	1653,1077738	1074,758679	4,49501834	4,49501834	1653,1077738			WBCA_v1.0	9/30/2026	9/4/2026
Prog0027-3UG-LGAS	4,412644289	-39,40824508	-25,68827982						WBCA_v1.0	9/30/2026	9/4/2026
Prog0027-3UG-LGAS	4,49501834	1871,124788	1246,120759						WBCA_v1.0	9/30/2026	9/4/2026
Prog0028-3UG-LGAS	12,24722811	145,7186783	101,8626438	81,56733831	12,24722811	145,7186783			WBCA_v1.0	9/30/2026	9/4/2026
Prog0028-3UG-LGAS	12,28975652	-11,54231753	-8,032044521						WBCA_v1.0	9/30/2026	9/4/2026
Prog0028-3UG-LGAS	12,24722811	18,7811127	118,1620237						WBCA_v1.0	9/30/2026	9/4/2026

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row_id	resnet_value_project_costs	benefit_cost_ratio_scaled	benefit_cost_ratio_unscaled	backcasted_total_mitigation_benefit	backcasted_resnet_value_project_costs	backcasted_benefit_cost_ratio	mit_cost_percentage_difference	bcr_percentage_difference	risk_model	reporting_date	calculated_date
Proj0000-3-UG-PAS	1,745,70081	13.3095020	13.3022018	0.0000000	1,745,70081	13.3022018	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0007-3-UG-PAS	13,7500555	2.73777367	0.845933089	0.0000000	13,7500555	0.845933089	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0008-3-UG-PAS	70,5068101	1.82095095	0.781289478	0.0000000	70,5068101	0.781289478	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0009-3-UG-PAS	27,4867306	4.44707048	3.090373307	0.0000000	27,4867306	3.090373307	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0010-3-UG-PAS	34,86286729	2.845986121	2.452703065	0.0000000	34,86286729	2.452703065	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0011-3-UG-PAS	25,17233863	4.355114659	2.967861112	0.0000000	25,17233863	2.967861112	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0015-3-UG-PAS	100,6875045	2.890184738	1.47852057	0.0000000	100,6875045	1.47852057	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0016-3-UG-PAS	39,75066223	2.290939581	0.81745994	0.0000000	39,75066223	0.81745994	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0017-3-UG-PAS	25,43020566	9.14688244	3.386345447	0.0000000	25,43020566	3.386345447	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0022-3-UG-PAS	3,453245506	3.17868188	0.880692902	0.0000000	3,453245506	0.880692902	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0023-3-UG-PAS	142,2502713	3.82482763	2.283713796	0.0000000	142,2502713	2.283713796	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0028-3-UG-PAS	13,07659214	80.32400827	42.25790468	0.0000000	13,07659214	42.25790468	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0029-3-UG-PAS	3,7863715	-163.039522	-126.3657393	0.0000000	3,7863715	-126.3657393	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0037-3-UG-PAS	14,37430417	5.34652128	2.868189714	0.0000000	14,37430417	2.868189714	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0038-3-UG-PAS	77,54645496	5.486245803	2.360211873	0.0000000	77,54645496	2.360211873	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0039-3-UG-PAS	27,64411231	8.803738857	2.867322571	0.0000000	27,64411231	2.867322571	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0010-3-UG-PAS	35,02874379	20.42455879	17.84380570	0.0000000	35,02874379	17.84380570	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0012-3-UG-PAS	25,38130908	-583.073612	-179.7175137	0.0000000	25,38130908	-179.7175137	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0015-3-UG-PAS	107,3368684	16.13071839	8.026757796	0.0000000	107,3368684	8.026757796	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0016-3-UG-PAS	41,85963229	6.36063889	1.787173424	0.0000000	41,85963229	1.787173424	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0017-3-UG-PAS	22,85150289	114.869854	106.420874	0.0000000	22,85150289	106.420874	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0022-3-UG-PAS	3,8503975	9.581087748	2.653262111	0.0000000	3,8503975	2.653262111	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0023-3-UG-PAS	142,7203414	-39.5042493	-17.73950996	0.0000000	142,7203414	-17.73950996	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0028-3-UG-PAS	13,10381460	-12.3458454	8.624465079	0.0000000	13,10381460	8.624465079	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0038-3-UG-PAS	3,744570081	15.22738722	11.89574346	0.0000000	3,744570081	11.89574346	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0039-3-UG-PAS	13,7305566	2.8486771	1.922454542	0.0000000	13,7305566	1.922454542	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0008-3-UG-PAS	76,5068101	1.855236519	0.873162036	0.0000000	76,5068101	0.873162036	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0009-3-UG-PAS	37,4867309	5.04579352	3.615286458	0.0000000	37,4867309	3.615286458	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0010-3-UG-PAS	34,86286729	3.344752182	2.915105128	0.0000000	34,86286729	2.915105128	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0012-3-UG-PAS	25,17233863	4.940245809	3.442682262	0.0000000	25,17233863	3.442682262	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0015-3-UG-PAS	100,6875045	1.686215518	0.845271096	0.0000000	100,6875045	0.845271096	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0016-3-UG-PAS	39,75066223	2.368819171	0.88407593	0.0000000	39,75066223	0.88407593	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0017-3-UG-PAS	22,43020566	10.7348414	8.932491052	0.0000000	22,43020566	8.932491052	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0022-3-UG-PAS	3,453245506	3.422207487	0.845271096	0.0000000	3,453245506	0.845271096	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0023-3-UG-PAS	142,2502713	4.87515763	2.558100805	0.0000000	142,2502713	2.558100805	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0028-3-UG-PAS	13,07659214	88.4383358	48.1592288	0.0000000	13,07659214	48.1592288	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0029-3-UG-PAS	15,45556848	-15.641261	-10.57618224	0.0000000	15,45556848	-10.57618224	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0038-3-UG-PAS	10,8963988	8.611824238	8.09454348	0.0000000	10,8963988	8.09454348	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0039-3-UG-PAS	43,99728187	7.671733363	8.48870456	0.0000000	43,99728187	8.48870456	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0004-3-UG-PAS	-1.84732981	6.120280528	2.977288894	0.0000000	-1.84732981	2.977288894	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0005-3-UG-PAS	22,61214423	6.48846507	3.192721118	0.0000000	22,61214423	3.192721118	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0011-3-UG-PAS	26,4725203	20.80775012	16.65252267	0.0000000	26,4725203	16.65252267	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0013-3-UG-PAS	43,49758481	3.355233709	2.821418947	0.0000000	43,49758481	2.821418947	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0014-3-UG-PAS	5,338877724	11.34171966	7.170186121	0.0000000	5,338877724	7.170186121	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0018-3-UG-PAS	10,49864663	11.85862145	8.732568302	0.0000000	10,49864663	8.732568302	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0019-3-UG-PAS	58,81708172	3.13177581	2.488680894	0.0000000	58,81708172	2.488680894	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0020-3-UG-PAS	23,3462748	4.68610262	2.295231543	0.0000000	23,3462748	2.295231543	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0021-3-UG-PAS	80,3768228	2.85349373	0.879913977	0.0000000	80,3768228	0.879913977	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0024-3-UG-PAS	4,38124396	-45.14262021	-21.60373114	0.0000000	4,38124396	-21.60373114	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0025-3-UG-PAS	18,60844454	2.62880683	0.898774882	0.0000000	18,60844454	0.898774882	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0026-3-UG-PAS	14,94255853	21.81788789	8.89873545	0.0000000	14,94255853	8.89873545	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0027-3-UG-PAS	4,49501834	953.137739	5074.758079	0.0000000	4,49501834	5074.758079	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0001-3-UG-PAS	10,52087135	6.79732811	4.59853693	0.0000000	10,52087135	4.59853693	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0002-3-UG-PAS	10,52087135	-27.73544287	-26.51152919	0.0000000	10,52087135	-26.51152919	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0003-3-UG-PAS	49,15145347	-16.47646443	-13.21652012	0.0000000	49,15145347	-13.21652012	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0004-3-UG-PAS	1,853415121	-10.1825458	-4.22871747	0.0000000	1,853415121	-4.22871747	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0005-3-UG-PAS	22,70059923	-1.831781251	-0.49504263	0.0000000	22,70059923	-0.49504263	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0011-3-UG-PAS	25,55268716	-15.93581853	-12.82164728	0.0000000	25,55268716	-12.82164728	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0013-3-UG-PAS	43,49758481	-11.72382844	-1046.125778	0.0000000	43,49758481	-1046.125778	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0014-3-UG-PAS	5,375934811	-7.65243332	-4.80735932	0.0000000	5,375934811	-4.80735932	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0018-3-UG-PAS	13,81708172	-39.2515864	-21.84761073	0.0000000	13,81708172	-21.84761073	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0019-3-UG-PAS	58,81708172	-162.3611078	-135.6715022	0.0000000	58,81708172	-135.6715022	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0020-3-UG-PAS	23,41072342	-1.752406557	0.887162732	0.0000000	23,41072342	0.887162732	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0021-3-UG-PAS	80,38817414	680.0464719	181.1738601	0.0000000	80,38817414	181.1738601	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0024-3-UG-PAS	4,377892029	-2.02265268	-1.027396238	0.0000000	4,377892029	-1.027396238	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0025-3-UG-PAS	18,60844454	-8.88959205	-3.132373831	0.0000000	18,60844454	-3.132373831	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0026-3-UG-PAS	14,0867413	-1.920749944	-0.307778715	0.0000000	14,0867413	-0.307778715	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020
Proj0027-3-UG-PAS	4,12544289	-38.43824549	-25.68879862	0.0000000	4,12544289	-25.68879862	0.0000000	0.0000000	WBCEA_v10	9/30/2020	9/4/2020

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row_id	resnet_value_project_costs	benefit_cost_ratio_scaled	benefit_cost_ratio_unscaled	backcasted_total_mitigation_benefit	backcasted_resnet_value_project_costs	backcasted_benefit_cost_ratio	mit_percent_difference	bcr_percent_difference	risk_model	reporting_date	calculated_date
Proj0000-SUG-ALT1	3.307244501	7.741336706	7.741336706	17.03103676	17.03103676	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	3.307204502	8.658891302	8.658891302	8.408889022	8.408889022	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	3.307203149	19.47109114	19.47109114	18.15285096	18.15285096	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	1.6500436	5.24522336	5.24522336	8.967050449	8.967050449	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	10.94014009	4.476031563	3.962043717	3.962043717	3.962043717	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	10.94014009	3.62273172	3.416116989	3.416116989	3.416116989	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	0.382141798	4.505811197	2.011223024	2.011223024	2.011223024	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	0.382141798	4.753384952	2.226167112	2.226167112	2.226167112	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	0.418569105	10.83012266	4.682182785	4.682182785	4.682182785	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	8.467876249	5.566892423	0.298755945	0.298755945	0.298755945	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	8.467876249	5.562631385	1.33291195	1.33291195	1.33291195	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	8.467876249	0.541663251	0.20801896	0.20801896	0.20801896	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	1.83965701	7.893943113	6.39567176	6.39567176	6.39567176	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	1.83965701	6.853172231	5.580303676	5.580303676	5.580303676	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	1.963880056	17.08698814	13.94488889	13.94488889	13.94488889	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	1.42849184	6.77493454	1.98903125	1.98903125	1.98903125	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	10.72724679	2.584471788	0.753861163	0.753861163	0.753861163	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	10.72724679	2.671073457	0.814057281	0.814057281	0.814057281	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	24.58013605	2.576447234	0.834454882	0.834454882	0.834454882	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	26.18170018	6.319476532	2.076250414	2.076250414	2.076250414	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	24.58013605	2.8969991	0.905565736	0.905565736	0.905565736	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	8.175263789	3.684711141	2.269181253	2.269181253	2.269181253	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	9.175263789	3.445934574	2.612854443	2.612854443	2.612854443	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0000-SUG-ALT1	9.773161786	8.467712832	6.34697309	6.34697309	6.34697309	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0010-SUG-ALT1	10.85961611	3.873265665	3.373103903	3.373103903	3.373103903	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0010-SUG-ALT1	11.52615219	8.87329234	1.15164328	1.15164328	1.15164328	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0010-SUG-ALT1	10.85961611	4.487458104	3.854315951	3.854315951	3.854315951	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0011-SUG-ALT1	7.678620239	14.43302358	13.48264912	13.48264912	13.48264912	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0011-SUG-ALT1	7.28849995	5.672228418	5.225155814	5.225155814	5.225155814	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0011-SUG-ALT1	7.28849995	6.434502514	6.036200136	6.036200136	6.036200136	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0011-SUG-ALT1	7.328491235	2.659593237	1.867302358	1.867302358	1.867302358	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0012-SUG-ALT1	7.328491235	2.840235347	2.132471067	2.132471067	2.132471067	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0012-SUG-ALT1	7.743788278	6.459735955	4.693225412	4.693225412	4.693225412	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0013-SUG-ALT1	14.21710325	9.620209869	8.038816542	8.038816542	8.038816542	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0013-SUG-ALT1	13.55610107	3.495963845	3.128742863	3.128742863	3.128742863	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0013-SUG-ALT1	13.55610107	4.55817862	3.98102637	3.98102637	3.98102637	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0014-SUG-ALT1	1.650847638	4.914828179	3.358366622	3.358366622	3.358366622	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0014-SUG-ALT1	1.738731678	11.10370593	7.277038985	7.277038985	7.277038985	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0014-SUG-ALT1	1.650847638	4.495993814	2.960266003	2.960266003	2.960266003	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0015-SUG-ALT1	34.62293313	3.045961057	1.448662712	1.448662712	1.448662712	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0015-SUG-ALT1	26.6732884	7.88044558	3.846242556	3.846242556	3.846242556	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0015-SUG-ALT1	34.62293313	1.65263003	1.65263003	1.65263003	1.65263003	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0016-SUG-ALT1	30.87203445	6.222734513	1.734271158	1.734271158	1.734271158	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0016-SUG-ALT1	30.87204798	2.531050447	2.725333176	2.725333176	2.725333176	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0016-SUG-ALT1	33.67204798	2.457886361	0.683382761	0.683382761	0.683382761	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0017-SUG-ALT1	11.61164214	28.50280718	24.14138713	24.14138713	24.14138713	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0017-SUG-ALT1	10.99118248	8.38187775	6.642094732	6.642094732	6.642094732	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0017-SUG-ALT1	10.99118248	10.68838974	10.12689198	10.12689198	10.12689198	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0018-SUG-ALT1	3.044341950	3.937281932	3.195748689	3.195748689	3.195748689	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0018-SUG-ALT1	3.85263365	8.17420878	7.043881304	7.043881304	7.043881304	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0018-SUG-ALT1	3.85411589	3.393135611	2.74769216	2.74769216	2.74769216	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0019-SUG-ALT1	13.08763604	4.841428139	4.105050371	4.105050371	4.105050371	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0019-SUG-ALT1	13.08763604	4.223293352	3.509835497	3.509835497	3.509835497	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0019-SUG-ALT1	13.81799225	11.74887184	9.937207817	9.937207817	9.937207817	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0020-SUG-ALT1	7.342848876	1.102811147	0.619418069	0.619418069	0.619418069	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0020-SUG-ALT1	7.342848876	1.98877228	0.703919485	0.703919485	0.703919485	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0020-SUG-ALT1	7.762389275	2.861145722	1.594291901	1.594291901	1.594291901	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0021-SUG-ALT1	28.27907077	6.22898227	1.858955431	1.858955431	1.858955431	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0021-SUG-ALT1	26.56748589	2.432638951	0.729232384	0.729232384	0.729232384	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0021-SUG-ALT1	26.56748589	2.532996428	0.78668107	0.78668107	0.78668107	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0022-SUG-ALT1	2.754561362	3.265511296	0.328730987	0.328730987	0.328730987	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0022-SUG-ALT1	2.754561362	3.158511081	0.879185015	0.879185015	0.879185015	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0022-SUG-ALT1	2.801015111	7.624182642	2.128549452	2.128549452	2.128549452	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0023-SUG-ALT1	27.33732548	4.098462098	2.614071172	2.614071172	2.614071172	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0023-SUG-ALT1	37.33732548	3.733623117	2.277455876	2.277455876	2.277455876	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0023-SUG-ALT1	34.43326271	8.786352071	6.198919839	6.198919839	6.198919839	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0024-SUG-ALT1	1.50921692	10.15850726	0.465832096	0.465832096	0.465832096	0.00000000	0.00000000	0.00000000	WBCA_v10	9/30/2020	9/4/2020
Proj0											