SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 7: Annual Costs (Capital and O&M) and O&M Savings

rru_id	oeis_subproject_id	oeis_project_id	mitigation_type_nbb	costs_type	used_and_useful_date	year_1	annual_costs_in_year_1	annual_costs_in_year_2	annual_costs_in_year_3	annual_costs_in_year_4
Proj00001-3UG-ALT1		Proj00001	Overhead Hardening	CapEx		2028	2.88739171	0		
Proj00001-3UG-ALT1		Proj00001	Overhead Hardening	Incremental_OM_Costs		2028	0.008392938	0.008584297	0.008780019	0.008980203
Proj00001-3UG-ALT1		Proj00001	Overhead Hardening	Incremental_OM_Savings		2028	-0.034134328	-0.034912591	-0.035708598	-0.036522754
Proj00001-3UG-PAS		Proj00001	Undergrounding	CapEx	9/28/2028	2028	10.41960636	0.698225967		
Proj00001-3UG-PAS		Proj00001	Undergrounding	Incremental_OM_Costs	9/28/2028	2028	0.001263181	0.001291981	0.001321438	0.001351567
Proj00001-3UG-PAS		Proj00001	Undergrounding	Incremental_OM_Savings	9/28/2028	2028	-1.115986679	-1.141431176	-1.167455806	-1.194073799
Proj00001-3UG-UGAS	Proj00001-3UG-UGAS	Proj00001	No-Build Baseline	OM_Costs_NBB	9/28/2028	2028	3.489191887	1.21649819	1.244234349	1.272602892
Proj00001-3UG-UGAS	Proj00001-3UG-UGAS	Proj00001	Undergrounding	CapEx	9/28/2028	2028	10.41960636	0.698225967		
Proj00001-3UG-UGAS	Proj00001-3UG-UGAS	Proj00001	Undergrounding	Incremental_OM_Costs	9/28/2028	2028	0.001263181	0.001291981	0.001321438	0.001351567
Proj00001-3UG-UGAS	Proj00001-3UG-UGAS	Proj00001	Undergrounding	Incremental_OM_Savings	9/28/2028	2028	-1.115986679	-1.141431176	-1.167455806	-1.194073799
Proj00002-3UG-ALT1		Proj00002	Overhead Hardening	CapEx		2028	2.32401759	0		
Proj00002-3UG-ALT1		Proj00002	Overhead Hardening	Incremental_OM_Costs		2028	0.007072083	0.007233326	0.007398246	0.007566926
Proj00002-3UG-ALT1		Proj00002	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00002-3UG-PAS		Proj00002	Undergrounding	CapEx	11/6/2028	2028	7.339968637	0.492412803		
Proj00002-3UG-PAS		Proj00002	Undergrounding	Incremental_OM_Costs	11/6/2028	2028	0.001014738	0.001037874	0.001061538	0.001085741
Proj00002-3UG-PAS		Proj00002	Undergrounding	Incremental_OM_Savings	11/6/2028	2028	-0.269423569	-0.275566426	-0.281849341	-0.288275506
Proj00002-3UG-UGAS	Proj00002-3UG-UGAS	Proj00002	No-Build Baseline	OM_Costs_NBB	11/6/2028	2028	1.580799453	0.551141851	0.563707885	0.576560425
Proj00002-3UG-UGAS	Proj00002-3UG-UGAS	Proj00002	Undergrounding	CapEx	11/6/2028	2028	7.339968637	0.492412803		
Proj00002-3UG-UGAS	Proj00002-3UG-UGAS	Proj00002	Undergrounding	Incremental_OM_Costs	11/6/2028	2028	0.001014738	0.001037874	0.001061538	0.001085741
Proj00002-3UG-UGAS	Proj00002-3UG-UGAS	Proj00002	Undergrounding	Incremental_OM_Savings	11/6/2028	2028	-0.269423569	-0.275566426	-0.281849341	-0.288275506
Proj00003-3UG-ALT1		Proj00003	Overhead Hardening	CapEx		2028	7.55079645	0		
Proj00003-3UG-ALT1		Proj00003	Overhead Hardening	Incremental_OM_Costs		2028	0.022977413	0.023501298	0.024037128	0.024585174
Proj00003-3UG-ALT1		Proj00003	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00003-3UG-PAS		Proj00003	Undergrounding	CapEx	10/2/2028	2028	33.02985887	2.215857614		
Proj00003-3UG-PAS		Proj00003	Undergrounding	Incremental_OM_Costs	10/2/2028	2028	0.004008776	0.004100176	0.00419366	0.004289276
Proj00003-3UG-PAS		Proj00003	Undergrounding	Incremental_OM_Savings	10/2/2028	2028	-1.339578272	-1.370120656	-1.401359407	-1.433310402
Proj00003-3UG-UGAS	Proj00003-3UG-UGAS	Proj00003	No-Build Baseline	OM_Costs_NBB	10/2/2028	2028	4.515029942	1.574154111	1.610044825	1.646753847
Proj00003-3UG-UGAS	Proj00003-3UG-UGAS	Proj00003	Undergrounding	CapEx	10/2/2028	2028	33.02985887	2.215857614		
Proj00003-3UG-UGAS	Proj00003-3UG-UGAS	Proj00003	Undergrounding	Incremental_OM_Costs	10/2/2028	2028	0.004008776	0.004100176	0.00419366	0.004289276
Proj00003-3UG-UGAS	Proj00003-3UG-UGAS	Proj00003	Undergrounding	Incremental_OM_Savings	10/2/2028	2028	-1.339578272	-1.370120656	-1.401359407	-1.433310402
Proj00004-3UG-ALT1		Proj00004	Overhead Hardening	CapEx		2028	0.25824639	0		
Proj00004-3UG-ALT1		Proj00004	Overhead Hardening	Incremental_OM_Costs		2028	0.001183262	0.001210241	0.001237834	0.001266057
Proj00004-3UG-ALT1		Proj00004	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00004-3UG-PAS		Proj00004	Undergrounding	CapEx	10/9/2028	2028	1.109836476	0.074455044		
Proj00004-3UG-PAS		Proj00004	Undergrounding	Incremental_OM_Costs	10/9/2028	2028	0.000167032	0.00017084	0.000174735	0.000178719
Proj00004-3UG-PAS		Proj00004	Undergrounding	Incremental_OM_Savings	10/9/2028	2028	-0.048039455	-0.049134755	-0.050255027	-0.051400842
Proj00004-3UG-UGAS	Proj00004-3UG-UGAS	Proj00004	No-Build Baseline	OM_Costs_NBB	10/9/2028	2028	0.159304079	0.055540976	0.056807311	0.058102517
Proj00004-3UG-UGAS	Proj00004-3UG-UGAS	Proj00004	Undergrounding	CapEx	10/9/2028	2028	1.109836476	0.074455044		
Proj00004-3UG-UGAS	Proj00004-3UG-UGAS	Proj00004	Undergrounding	Incremental_OM_Costs	10/9/2028	2028	0.000167032	0.00017084	0.000174735	0.000178719
Proj00004-3UG-UGAS	Proj00004-3UG-UGAS	Proj00004	Undergrounding	Incremental_OM_Savings	10/9/2028	2028	-0.048039455	-0.049134755	-0.050255027	-0.051400842
Proj00005-3UG-ALT1		Proj00005	Overhead Hardening	CapEx		2028	5.87601945	0		
Proj00005-3UG-ALT1		Proj00005	Overhead Hardening	Incremental_OM_Costs		2028	0.015602618	0.015958358	0.016322208	0.016694354
Proj00005-3UG-ALT1		Proj00005	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00005-3UG-PAS		Proj00005	Undergrounding	CapEx	10/30/2028	2028	15.23712995	1.022205712		
Proj00005-3UG-PAS		Proj00005	Undergrounding	Incremental_OM_Costs	10/30/2028	2028	0.002293214	0.002345499	0.002398976	0.002453673
Proj00005-3UG-PAS		Proj00005	Undergrounding	Incremental_OM_Savings	10/30/2028	2028	-1.227385609	-1.255370001	-1.283992437	-1.313267464
Proj00005-3UG-UGAS	Proj00005-3UG-UGAS	Proj00005	No-Build Baseline	OM_Costs_NBB	10/30/2028	2028	3.777297628	1.31694555	1.346971909	1.377682868
Proj00005-3UG-UGAS	Proj00005-3UG-UGAS	Proj00005	Undergrounding	CapEx	10/30/2028	2028	15.23712995	1.022205712		
Proj00005-3UG-UGAS	Proj00005-3UG-UGAS	Proj00005	Undergrounding	Incremental_OM_Costs	10/30/2028	2028	0.002293214	0.002345499	0.002398976	0.002453673
Proj00005-3UG-UGAS	Proj00005-3UG-UGAS	Proj00005	Undergrounding	Incremental_OM_Savings	10/30/2028	2028	-1.227385609	-1.255370001	-1.283992437	-1.313267464
Proj00006-3UG-ALT1		Proj00006	Overhead Hardening	CapEx		2028	1.29027	0		
Proj00006-3UG-ALT1		Proj00006	Overhead Hardening	Incremental_OM_Costs		2028	0.003384691	0.003461862	0.003540792	0.003621522
Proj00006-3UG-ALT1		Proj00006	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00006-3UG-PAS		Proj00006	Overhead Hardening, Undergrounding	CapEx	8/2/2028	2028	2.562120367	0.111579633		
Proj00006-3UG-PAS		Proj00006	Overhead Hardening, Undergrounding	Incremental_OM_Costs	8/2/2028	2028	0.001687792	0.001726274	0.001765633	0.001805889
Proj00006-3UG-PAS		Proj00006	Overhead Hardening, Undergrounding	Incremental_OM_Savings	8/2/2028	2028	-0.073803215	-0.075485928	-0.077207007	-0.078967327
Proj00006-3UG-UGAS	Proj00006-3UG-UGAS	Proj00006	No-Build Baseline	OM_Costs_NBB	8/2/2028	2028	0.419077623	0.146110385	0.149441702	0.152848973
Proj00006-3UG-UGAS	Proj00006-3UG-UGAS	Proj00006	Undergrounding	CapEx	8/2/2028	2028	1.663220367	0.111579633		
Proj00006-3UG-UGAS	Proj00006-3UG-UGAS	Proj00006	Undergrounding	Incremental_OM_Costs	8/2/2028	2028	0.00020183	0.000206432	0.000211139	0.000215953
Proj00006-3UG-UGAS	Proj00006-3UG-UGAS	Proj00006	Undergrounding	Incremental_OM_Savings	8/2/2028	2028	-0.073803215	-0.075485928	-0.077207007	-0.078967327
Proj00007-3UG-ALT1		Proj00007	Overhead Hardening	CapEx		2028	7.40376	0		
Proj00007-3UG-ALT1		Proj00007	Overhead Hardening	Incremental_OM_Costs		2028	0.022537137	0.023050984	0.023576546	0.024114091
Proj00007-3UG-ALT1		Proj00007	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00007-3UG-PAS		Proj00007	Overhead Hardening, Undergrounding	CapEx	11/8/2028	2028	9.422472085	0.205777915		
Proj00007-3UG-PAS		Proj00007	Overhead Hardening, Undergrounding	Incremental_OM_Costs	11/8/2028	2028	0.019717407	0.020166964	0.020626771	0.021097061
Proj00007-3UG-PAS		Proj00007	Overhead Hardening, Undergrounding	Incremental_OM_Savings	11/8/2028	2028	-0.062551028	-0.063977192	-0.065435872	-0.066927809
Proj00007-3UG-UGAS	Proj00007-3UG-UGAS	Proj00007	No-Build Baseline	OM_Costs_NBB	11/8/2028	2028	1.696913708	0.591624801	0.605113846	0.618910442
Proj00007-3UG-UGAS	Proj00007-3UG-UGAS	Proj00007	Undergrounding	CapEx	11/8/2028	2028	3.067352085	0.205777915		
Proj00007-3UG-UGAS	Proj00007-3UG-UGAS	Proj00007	Undergrounding	Incremental_OM_Costs	11/8/2028	2028	0.000372343	0.000380833	0.000389515	0.000398396
Proj00007-3UG-UGAS	Proj00007-3UG-UGAS	Proj00007	Undergrounding	Incremental_OM_Savings	11/8/2028	2028	-0.062551028	-0.063977192	-0.065435872	-0.066927809

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rru_id	oeis_subproject_id	oeis_project_id	mitigation_type_nbb	costs_type	used_and_useful_date	year_1	annual_costs_in_year_1	annual_costs_in_year_2	annual_costs_in_year_3	annual_costs_in_year_4
Proj00008-3UG-ALT1		Proj00008	Overhead Hardening	CapEx		2028	16.97078065	0		
Proj00008-3UG-ALT1		Proj00008	Overhead Hardening	Incremental_OM_Costs		2028	0.051375848	0.052547218	0.053745294	0.054970687
Proj00008-3UG-ALT1		Proj00008	Overhead Hardening	Incremental_OM_Savings		2028	-0.021385741	-0.021873336	-0.022372048	-0.022882131
Proj00008-3UG-PAS		Proj00008	Overhead Hardening, Undergrounding	CapEx	12/11/2028	2028	51.78877438	2.86724666		
Proj00008-3UG-PAS		Proj00008	Overhead Hardening, Undergrounding	Incremental_OM_Costs	12/11/2028	2028	0.032457426	0.033197455	0.033954357	0.034728516
Proj00008-3UG-PAS		Proj00008	Overhead Hardening, Undergrounding	Incremental_OM_Savings	12/11/2028	2028	-0.293927296	-0.300628838	-0.307483176	-0.314493792
Proj00008-3UG-UGAS	Proj00008-3UG-UGAS	Proj00008	No-Build Baseline	OM_Costs_NBB	12/11/2028	2028	2.786477698	0.971498613	0.993648781	1.016303973
Proj00008-3UG-UGAS	Proj00008-3UG-UGAS	Proj00008	Undergrounding	CapEx	12/11/2028	2028	42.73954785	2.86724666		
Proj00008-3UG-UGAS	Proj00008-3UG-UGAS	Proj00008	Undergrounding	Incremental_OM_Costs	12/11/2028	2028	0.005187225	0.005305493	0.005426459	0.005550182
Proj00008-3UG-UGAS	Proj00008-3UG-UGAS	Proj00008	Undergrounding	Incremental_OM_Savings	12/11/2028	2028	-0.293927296	-0.300628838	-0.307483176	-0.314493792
Proj00009-3UG-ALT1		Proj00009	Overhead Hardening	CapEx		2028	6.33320925	0		
Proj00009-3UG-ALT1		Proj00009	Overhead Hardening	Incremental_OM_Costs		2028	0.019234975	0.019673533	0.020122089	0.020580873
Proj00009-3UG-ALT1		Proj00009	Overhead Hardening	Incremental_OM_Savings		2028	-0.011190952	-0.011446106	-0.011707077	-0.011973999
Proj00009-3UG-PAS		Proj00009	Overhead Hardening, Undergrounding	CapEx	11/16/2028	2028	25.27837399	1.671510648		
Proj00009-3UG-PAS		Proj00009	Overhead Hardening, Undergrounding	Incremental_OM_Costs	11/16/2028	2028	0.004289801	0.004387608	0.004487646	0.004589964
Proj00009-3UG-PAS		Proj00009	Overhead Hardening, Undergrounding	Incremental_OM_Savings	11/16/2028	2028	-1.07179701	-1.096233982	-1.121228117	-1.146792118
Proj00009-3UG-UGAS	Proj00009-3UG-UGAS	Proj00009	No-Build Baseline	OM_Costs_NBB	11/16/2028	2028	3.858315291	1.34519216	1.375862541	1.407232207
Proj00009-3UG-UGAS	Proj00009-3UG-UGAS	Proj00009	Undergrounding	CapEx	11/16/2028	2028	24.91575291	1.671510648		
Proj00009-3UG-UGAS	Proj00009-3UG-UGAS	Proj00009	Undergrounding	Incremental_OM_Costs	11/16/2028	2028	0.00302398	0.003092927	0.003163445	0.003235572
Proj00009-3UG-UGAS	Proj00009-3UG-UGAS	Proj00009	Undergrounding	Incremental_OM_Savings	11/16/2028	2028	-1.07179701	-1.096233982	-1.121228117	-1.146792118
Proj00010-3UG-ALT1		Proj00010	Overhead Hardening	CapEx		2028	7.51100834	0		
Proj00010-3UG-ALT1		Proj00010	Overhead Hardening	Incremental_OM_Costs		2028	0.021518953	0.022009585	0.022511404	0.023024664
Proj00010-3UG-ALT1		Proj00010	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00010-3UG-PAS		Proj00010	Overhead Hardening, Undergrounding	CapEx	12/22/2028	2028	23.49895512	1.506090722		
Proj00010-3UG-PAS		Proj00010	Overhead Hardening, Undergrounding	Incremental_OM_Costs	12/22/2028	2028	0.005916783	0.006051686	0.006189664	0.006330789
Proj00010-3UG-PAS		Proj00010	Overhead Hardening, Undergrounding	Incremental_OM_Savings	12/22/2028	2028	-0.385977712	-0.394778003	-0.403778942	-0.412985102
Proj00010-3UG-UGAS	Proj00010-3UG-UGAS	Proj00010	No-Build Baseline	OM_Costs_NBB	12/22/2028	2028	1.770174251	0.617166909	0.631238315	0.645630549
Proj00010-3UG-UGAS	Proj00010-3UG-UGAS	Proj00010	Undergrounding	CapEx	12/22/2028	2028	22.4499822	1.506090722		
Proj00010-3UG-UGAS	Proj00010-3UG-UGAS	Proj00010	Undergrounding	Incremental_OM_Costs	12/22/2028	2028	0.002724713	0.002786837	0.002850377	0.002915365
Proj00010-3UG-UGAS	Proj00010-3UG-UGAS	Proj00010	Undergrounding	Incremental_OM_Savings	12/22/2028	2028	-0.385977712	-0.394778003	-0.403778942	-0.412985102
Proj00011-3UG-ALT1		Proj00011	Overhead Hardening	CapEx		2028	5.04569	0		
Proj00011-3UG-ALT1		Proj00011	Overhead Hardening	Incremental_OM_Costs		2028	0.013236087	0.01353787	0.013846533	0.014162234
Proj00011-3UG-ALT1		Proj00011	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00011-3UG-PAS		Proj00011	Undergrounding	CapEx	11/22/2028	2028	17.17143831	1.15197169		
Proj00011-3UG-PAS		Proj00011	Undergrounding	Incremental_OM_Costs	11/22/2028	2028	0.002084424	0.002131949	0.002180557	0.002230274
Proj00011-3UG-PAS		Proj00011	Undergrounding	Incremental_OM_Savings	11/22/2028	2028	-0.905170076	-0.925807953	-0.946916375	-0.968506068
Proj00011-3UG-UGAS	Proj00011-3UG-UGAS	Proj00011	No-Build Baseline	OM_Costs_NBB	11/22/2028	2028	5.45285675	1.901125127	1.94447078	1.988804713
Proj00011-3UG-UGAS	Proj00011-3UG-UGAS	Proj00011	Undergrounding	CapEx	11/22/2028	2028	17.17143831	1.15197169		
Proj00011-3UG-UGAS	Proj00011-3UG-UGAS	Proj00011	Undergrounding	Incremental_OM_Costs	11/22/2028	2028	0.002084424	0.002131949	0.002180557	0.002230274
Proj00011-3UG-UGAS	Proj00011-3UG-UGAS	Proj00011	Undergrounding	Incremental_OM_Savings	11/22/2028	2028	-0.905170076	-0.925807953	-0.946916375	-0.968506068
Proj00012-3UG-ALT1		Proj00012	Overhead Hardening	CapEx		2028	5.08765	0		
Proj00012-3UG-ALT1		Proj00012	Overhead Hardening	Incremental_OM_Costs		2028	0.013346162	0.013650455	0.013961685	0.014280012
Proj00012-3UG-ALT1		Proj00012	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00012-3UG-PAS		Proj00012	Overhead Hardening, Undergrounding	CapEx	8/7/2028	2028	17.010912	1.046197995		
Proj00012-3UG-PAS		Proj00012	Overhead Hardening, Undergrounding	Incremental_OM_Costs	8/7/2028	2028	0.005607944	0.005735806	0.005866582	0.00600034
Proj00012-3UG-PAS		Proj00012	Overhead Hardening, Undergrounding	Incremental_OM_Savings	8/7/2028	2028	-0.464366242	-0.474953792	-0.485782738	-0.496858585
Proj00012-3UG-UGAS	Proj00012-3UG-UGAS	Proj00012	No-Build Baseline	OM_Costs_NBB	8/7/2028	2028	2.057167366	0.717226355	0.733579116	0.75030472
Proj00012-3UG-UGAS	Proj00012-3UG-UGAS	Proj00012	Undergrounding	CapEx	8/7/2028	2028	15.594762	1.046197995		
Proj00012-3UG-UGAS	Proj00012-3UG-UGAS	Proj00012	Undergrounding	Incremental_OM_Costs	8/7/2028	2028	0.001893033	0.001936194	0.00198034	0.002025491
Proj00012-3UG-UGAS	Proj00012-3UG-UGAS	Proj00012	Undergrounding	Incremental_OM_Savings	8/7/2028	2028	-0.464366242	-0.474953792	-0.485782738	-0.496858585
Proj00013-3UG-ALT1		Proj00013	Overhead Hardening	CapEx		2028	9.46083684	0		
Proj00013-3UG-ALT1		Proj00013	Overhead Hardening	Incremental_OM_Costs		2028	0.021243782	0.02172814	0.022223542	0.022730239
Proj00013-3UG-ALT1		Proj00013	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00013-3UG-PAS		Proj00013	Overhead Hardening, Undergrounding	CapEx	8/8/2028	2028	29.31447903	1.965901855		
Proj00013-3UG-PAS		Proj00013	Overhead Hardening, Undergrounding	Incremental_OM_Costs	8/8/2028	2028	0.003691789	0.003775962	0.003862054	0.003950108
Proj00013-3UG-PAS		Proj00013	Overhead Hardening, Undergrounding	Incremental_OM_Savings	8/8/2028	2028	-0.795760865	-0.813904213	-0.832461229	-0.851441345
Proj00013-3UG-UGAS	Proj00013-3UG-UGAS	Proj00013	No-Build Baseline	OM_Costs_NBB	8/8/2028	2028	2.772344904	0.966571249	0.988609073	1.01114936
Proj00013-3UG-UGAS	Proj00013-3UG-UGAS	Proj00013	Undergrounding	CapEx	8/8/2028	2028	29.30398614	1.965901855		
Proj00013-3UG-UGAS	Proj00013-3UG-UGAS	Proj00013	Undergrounding	Incremental_OM_Costs	8/8/2028	2028	0.003664271	0.003747816	0.003833267	0.003920665
Proj00013-3UG-UGAS	Proj00013-3UG-UGAS	Proj00013	Undergrounding	Incremental_OM_Savings	8/8/2028	2028	-0.795760865	-0.813904213	-0.832461229	-0.851441345
Proj00014-3UG-ALT1		Proj00014	Overhead Hardening	CapEx		2028	1.13940162	0		
Proj00014-3UG-ALT1		Proj00014	Overhead Hardening	Incremental_OM_Costs		2028	0.003467258	0.003546311	0.003627167	0.003709867
Proj00014-3UG-ALT1		Proj00014	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00014-3UG-PAS		Proj00014	Undergrounding	CapEx	7/10/2028	2028	3.612640813	0.242359427		
Proj00014-3UG-PAS		Proj00014	Undergrounding	Incremental_OM_Costs	7/10/2028	2028	0.000438461	0.000448458	0.000458683	0.000469141
Proj00014-3UG-PAS		Proj00014	Undergrounding	Incremental_OM_Savings	7/10/2028	2028	-0.19241766	-0.196804783	-0.201291932	-0.205881388
Proj00014-3UG-UGAS	Proj00014-3UG-UGAS	Proj00014	No-Build Baseline	OM_Costs_NBB	7/10/2028	2028	0.653971315	0.228005494	0.23320402	0.238521071
Proj00014-3UG-UGAS	Proj00014-3UG-UGAS	Proj00014	Undergrounding	CapEx	7/10/2028	2028	3.612640813	0.242359427		
Proj00014-3UG-UGAS	Proj00014-3UG-UGAS	Proj00014	Undergrounding	Incremental_OM_Costs	7/10/2028	2028	0.000438461	0.000448458	0.000458683	0.000469141
Proj00014-3UG-UGAS	Proj00014-3UG-UGAS	Proj00014	Undergrounding	Incremental_OM_Savings	7/10/2028	2028	-0.19241766	-0.196804783	-0.201291932	-0.205881388
Proj00015-3UG-ALT1		Proj00015	Overhead Hardening	CapEx		2028	24.04067942	0		
Proj00015-3UG-ALT1		Proj00015	Overhead Hardening	Incremental_OM_Costs		2028	0.062795753	0.064227496	0.065691883	0.067189658
Proj00015-3UG-ALT1		Proj00015	Overhead Hardening	Incremental_OM_Savings		2028	-0.031874056	-0.032600785	-0.033344082	-0.034104328
Proj00015-3UG-PAS		Proj00015	Overhead Hardening, Undergrounding	CapEx	12/27/2028	2028	72.04108057	4.561050529		
Proj00015-3UG-PAS		Proj00015	Overhead Hardening, Undergrounding	Incremental_OM_Costs	12/27/2028	2028	0.018598251	0.019022292	0.019456	0.019899597
Proj00015-3UG-PAS		Proj00015	Overhead Hardening, Undergrounding	Incremental_OM_Savings	12/27/2028	2028	-1.076341603	-1.100882191	-1.125982305	-1.151654702
Proj00015-3UG-UGAS	Proj00015-3UG-UGAS	Proj00015	No-Build Baseline	OM_Costs_NBB	12/27/2028	2028	4.632013697	1.61494021	1.651760847	1.689420994
Proj00015-3UG-UGAS	Proj00015-3UG-UGAS	Proj00015	Undergrounding	CapEx	12/27/2028	2028	67.98760637	4.561050529		
Proj00015-3UG-UGAS	Proj00015-3UG-UGAS	Proj00015	Undergrounding	Incremental_OM_Costs	12/27/2028	2028	0.008251537	0.008439672	0.008632096	0.008828908
Proj00015-3UG-UGAS	Proj00015-3UG-UGAS	Proj00015	Undergrounding	Incremental_OM_Savings	12/27/2028	2028	-1.076341603	-1.100882191	-1.125982305	-1.151654702
Proj00016-3UG-ALT1		Proj00016	Overhead Hardening	CapEx		2028	23.2401759	0		

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rru_id	oeis_subproject_id	oeis_project_id	mitigation_type_nbb	costs_type	used_and_useful_date	year_1	annual_costs_in_year_1	annual_costs_in_year_2	annual_costs_in_year_3	annual_costs_in_year_4
Proj00016-3UG-ALT1		Proj00016	Overhead Hardening	Incremental_OM_Costs		2028	0.070720887	0.072333324	0.073982523	0.075669325
Proj00016-3UG-ALT1		Proj00016	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00016-3UG-PAS		Proj00016	Overhead Hardening, Undergrounding	CapEx	12/26/2028	2028	27.30712006	0.357768677		
Proj00016-3UG-PAS		Proj00016	Overhead Hardening, Undergrounding	Incremental_OM_Costs	12/26/2028	2028	0.067605659	0.069147068	0.070723621	0.07233612
Proj00016-3UG-PAS		Proj00016	Overhead Hardening, Undergrounding	Incremental_OM_Savings	12/26/2028	2028	-0.071226243	-0.072850201	-0.074511185	-0.076210041
Proj00016-3UG-UGAS	Proj00016-3UG-UGAS	Proj00016	No-Build Baseline	OM_Costs_NBB	12/26/2028	2028	4.84897092	1.690581814	1.729127079	1.768551177
Proj00016-3UG-UGAS	Proj00016-3UG-UGAS	Proj00016	Undergrounding	CapEx	12/26/2028	2028	5.332945963	0.357768677		
Proj00016-3UG-UGAS	Proj00016-3UG-UGAS	Proj00016	Undergrounding	Incremental_OM_Costs	12/26/2028	2028	0.000737271	0.000754081	0.000771274	0.000788859
Proj00016-3UG-UGAS	Proj00016-3UG-UGAS	Proj00016	Undergrounding	Incremental_OM_Savings	12/26/2028	2028	-0.071226243	-0.072850201	-0.074511185	-0.076210041
Proj00017-3UG-ALT1		Proj00017	Overhead Hardening	CapEx		2028	7.63135	0		
Proj00017-3UG-ALT1		Proj00017	Overhead Hardening	Incremental_OM_Costs		2028	0.019950438	0.020405308	0.020870549	0.021346397
Proj00017-3UG-ALT1		Proj00017	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00017-3UG-PAS		Proj00017	Overhead Hardening, Undergrounding	CapEx	11/2/2028	2028	15.25307888	0.719261122		
Proj00017-3UG-PAS		Proj00017	Overhead Hardening, Undergrounding	Incremental_OM_Costs	11/2/2028	2028	0.013189169	0.013489882	0.013797451	0.014112033
Proj00017-3UG-PAS		Proj00017	Overhead Hardening, Undergrounding	Incremental_OM_Savings	11/2/2028	2028	-0.337362116	-0.345053972	-0.352921203	-0.360967806
Proj00017-3UG-UGAS	Proj00017-3UG-UGAS	Proj00017	No-Build Baseline	OM_Costs_NBB	11/2/2028	2028	2.962271077	1.032788543	1.056336122	1.080420585
Proj00017-3UG-UGAS	Proj00017-3UG-UGAS	Proj00017	Undergrounding	CapEx	11/2/2028	2028	10.72139888	0.719261122		
Proj00017-3UG-UGAS	Proj00017-3UG-UGAS	Proj00017	Undergrounding	Incremental_OM_Costs	11/2/2028	2028	0.00130146	0.001331133	0.001361483	0.001392525
Proj00017-3UG-UGAS	Proj00017-3UG-UGAS	Proj00017	Undergrounding	Incremental_OM_Savings	11/2/2028	2028	-0.337362116	-0.345053972	-0.352921203	-0.360967806
Proj00018-3UG-ALT1		Proj00018	Overhead Hardening	CapEx		2028	2.128951438	0		
Proj00018-3UG-ALT1		Proj00018	Overhead Hardening	Incremental_OM_Costs		2028	0.006466692	0.006614132	0.006764935	0.006919175
Proj00018-3UG-ALT1		Proj00018	Overhead Hardening	Incremental_OM_Savings		2028	-0.002992001	-0.003060219	-0.003129992	-0.003201356
Proj00018-3UG-PAS		Proj00018	Undergrounding	CapEx	12/13/2028	2028	7.078964767	0.473177928		
Proj00018-3UG-PAS		Proj00018	Undergrounding	Incremental_OM_Costs	12/13/2028	2028	0.00085604	0.000875558	0.00089552	0.000915938
Proj00018-3UG-PAS		Proj00018	Undergrounding	Incremental_OM_Savings	12/13/2028	2028	-0.278821248	-0.285178373	-0.29168044	-0.298330754
Proj00018-3UG-UGAS	Proj00018-3UG-UGAS	Proj00018	No-Build Baseline	OM_Costs_NBB	12/13/2028	2028	1.103493369	0.384730256	0.393502105	0.402473953
Proj00018-3UG-UGAS	Proj00018-3UG-UGAS	Proj00018	Undergrounding	CapEx	12/13/2028	2028	7.078964767	0.473177928		
Proj00018-3UG-UGAS	Proj00018-3UG-UGAS	Proj00018	Undergrounding	Incremental_OM_Costs	12/13/2028	2028	0.00085604	0.000875558	0.00089552	0.000915938
Proj00018-3UG-UGAS	Proj00018-3UG-UGAS	Proj00018	Undergrounding	Incremental_OM_Savings	12/13/2028	2028	-0.278821248	-0.285178373	-0.29168044	-0.298330754
Proj00019-3UG-ALT1		Proj00019	Overhead Hardening	CapEx		2028	9.09104369	0		
Proj00019-3UG-ALT1		Proj00019	Overhead Hardening	Incremental_OM_Costs		2028	0.023472734	0.024007912	0.024555292	0.025115153
Proj00019-3UG-ALT1		Proj00019	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00019-3UG-PAS		Proj00019	Undergrounding	CapEx	11/27/2028	2028	39.32464708	2.638152921		
Proj00019-3UG-PAS		Proj00019	Undergrounding	Incremental_OM_Costs	11/27/2028	2028	0.003904381	0.00408445	0.00408445	0.004177576
Proj00019-3UG-PAS		Proj00019	Undergrounding	Incremental_OM_Savings	11/27/2028	2028	-1.094884654	-1.119848024	-1.145380559	-1.171495236
Proj00019-3UG-UGAS	Proj00019-3UG-UGAS	Proj00019	No-Build Baseline	OM_Costs_NBB	11/27/2028	2028	3.816741287	1.330697485	1.361037387	1.39206904
Proj00019-3UG-UGAS	Proj00019-3UG-UGAS	Proj00019	Undergrounding	CapEx	11/27/2028	2028	39.32464708	2.638152921		
Proj00019-3UG-UGAS	Proj00019-3UG-UGAS	Proj00019	Undergrounding	Incremental_OM_Costs	11/27/2028	2028	0.003904381	0.003993401	0.00408445	0.004177576
Proj00019-3UG-UGAS	Proj00019-3UG-UGAS	Proj00019	Undergrounding	Incremental_OM_Savings	11/27/2028	2028	-1.094884654	-1.119848024	-1.145380559	-1.171495236
Proj00020-3UG-ALT1		Proj00020	Overhead Hardening	CapEx		2028	5.096	0		
Proj00020-3UG-ALT1		Proj00020	Overhead Hardening	Incremental_OM_Costs		2028	0.01348376	0.01379119	0.014105629	0.014427237
Proj00020-3UG-ALT1		Proj00020	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00020-3UG-PAS		Proj00020	Undergrounding	CapEx	7/3/2028	2028	15.73809621	1.055813786		
Proj00020-3UG-PAS		Proj00020	Undergrounding	Incremental_OM_Costs	7/3/2028	2028	0.001910434	0.001953992	0.001998543	0.002044109
Proj00020-3UG-PAS		Proj00020	Undergrounding	Incremental_OM_Savings	7/3/2028	2028	-0.945279517	-0.96683189	-0.988875657	-1.011422022
Proj00020-3UG-UGAS	Proj00020-3UG-UGAS	Proj00020	No-Build Baseline	OM_Costs_NBB	7/3/2028	2028	3.049242916	1.063111061	1.087349993	1.112141573
Proj00020-3UG-UGAS	Proj00020-3UG-UGAS	Proj00020	Undergrounding	CapEx	7/3/2028	2028	15.73809621	1.055813786		
Proj00020-3UG-UGAS	Proj00020-3UG-UGAS	Proj00020	Undergrounding	Incremental_OM_Costs	7/3/2028	2028	0.001910434	0.001953992	0.001998543	0.002044109
Proj00020-3UG-UGAS	Proj00020-3UG-UGAS	Proj00020	Undergrounding	Incremental_OM_Savings	7/3/2028	2028	-0.945279517	-0.96683189	-0.988875657	-1.011422022
Proj00021-3UG-ALT1		Proj00021	Overhead Hardening	CapEx		2028	18.34810487	0		
Proj00021-3UG-ALT1		Proj00021	Overhead Hardening	Incremental_OM_Costs		2028	0.055008194	0.05626238	0.057545163	0.058857192
Proj00021-3UG-ALT1		Proj00021	Overhead Hardening	Incremental_OM_Savings		2028	-0.01210104	-0.012376944	-0.012659138	-0.012947766
Proj00021-3UG-PAS		Proj00021	Undergrounding	CapEx	3/13/2029	2028	14.10054728	40.06017631	3.62968341	
Proj00021-3UG-PAS		Proj00021	Undergrounding	Incremental_OM_Costs	3/13/2029	2028	0	0.008328482	0.008518371	0.00871259
Proj00021-3UG-PAS		Proj00021	Undergrounding	Incremental_OM_Savings	3/13/2029	2028	0	-1.421297583	-1.453703168	-1.4868476
Proj00021-3UG-UGAS	Proj00021-3UG-UGAS	Proj00021	No-Build Baseline	OM_Costs_NBB	3/13/2029	2028	3.213565832	1.661941355	1.699833618	1.738589825
Proj00021-3UG-UGAS	Proj00021-3UG-UGAS	Proj00021	Undergrounding	CapEx	3/13/2029	2028	14.10054728	40.06017631	3.62968341	
Proj00021-3UG-UGAS	Proj00021-3UG-UGAS	Proj00021	Undergrounding	Incremental_OM_Costs	3/13/2029	2028	0	0.008328482	0.008518371	0.00871259
Proj00021-3UG-UGAS	Proj00021-3UG-UGAS	Proj00021	Undergrounding	Incremental_OM_Savings	3/13/2029	2028	0	-1.421297583	-1.453703168	-1.4868476
Proj00022-3UG-ALT1		Proj00022	Overhead Hardening	CapEx		2028	1.88901102	0		
Proj00022-3UG-ALT1		Proj00022	Overhead Hardening	Incremental_OM_Costs		2028	0.006631803	0.006783009	0.006937661	0.00709584
Proj00022-3UG-ALT1		Proj00022	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00022-3UG-PAS		Proj00022	Overhead Hardening, Undergrounding	CapEx	6/1/2028	2028	2.335749607	0.044693613		
Proj00022-3UG-PAS		Proj00022	Overhead Hardening, Undergrounding	Incremental_OM_Costs	6/1/2028	2028	0.005958739	0.006094598	0.006233555	0.00637568
Proj00022-3UG-PAS		Proj00022	Overhead Hardening, Undergrounding	Incremental_OM_Savings	6/1/2028	2028	-0.014098027	-0.014419462	-0.014748226	-0.015084485
Proj00022-3UG-UGAS	Proj00022-3UG-UGAS	Proj00022	No-Build Baseline	OM_Costs_NBB	6/1/2028	2028	0.451452154	0.157397686	0.160986353	0.164656842
Proj00022-3UG-UGAS	Proj00022-3UG-UGAS	Proj00022	Undergrounding	CapEx	6/1/2028	2028	0.666208747	0.044693613		
Proj00022-3UG-UGAS	Proj00022-3UG-UGAS	Proj00022	Undergrounding	Incremental_OM_Costs	6/1/2028	2028	9.74E-05	9.97E-05	0.000101929	0.000104253
Proj00022-3UG-UGAS	Proj00022-3UG-UGAS	Proj00022	Undergrounding	Incremental_OM_Savings	6/1/2028	2028	-0.014098027	-0.014419462	-0.014748226	-0.015084485
Proj00023-3UG-ALT1		Proj00023	Overhead Hardening	CapEx		2028	25.92079	0		
Proj00023-3UG-ALT1		Proj00023	Overhead Hardening	Incremental_OM_Costs		2028	0.067996629	0.069546952	0.071132623	0.072754447
Proj00023-3UG-ALT1		Proj00023	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00023-3UG-PAS		Proj00023	Overhead Hardening, Undergrounding	CapEx	12/26/2028	2028	95.89945201	6.423347985		
Proj00023-3UG-PAS		Proj00023	Overhead Hardening, Undergrounding	Incremental_OM_Costs	12/26/2028	2028	0.012173024	0.012450569	0.012734442	0.013024787
Proj00023-3UG-PAS		Proj00023	Overhead Hardening, Undergrounding	Incremental_OM_Savings	12/26/2028	2028	-3.060005643	-3.129773772	-3.201132614	-3.274118438
Proj00023-3UG-UGAS	Proj00023-3UG-UGAS	Proj00023	No-Build Baseline	OM_Costs_NBB	12/26/2028	2028	9.817150565	3.422725457	3.500763598	3.580581008
Proj00023-3UG-UGAS	Proj00023-3UG-UGAS	Proj00023	Undergrounding	CapEx	12/26/2028	2028	95.74725201	6.423347985		
Proj00023-3UG-UGAS	Proj00023-3UG-UGAS	Proj00023	Undergrounding	Incremental_OM_Costs	12/26/2028	2028	0.011622667	0.011887664	0.012158702	0.012435921
Proj00023-3UG-UGAS	Proj00023-3UG-UGAS	Proj00023	Undergrounding	Incremental_OM_Savings	12/26/2028	2028	-3.060005643	-3.129773772	-3.201132614	-3.274118438
Proj00024-3UG-ALT1		Proj00024	Overhead Hardening	CapEx		2028	1.0399935	0		
Proj00024-3UG-ALT1		Proj00024	Overhead Hardening	Incremental_OM_Costs		2028	0.003137037	0.003208562	0.003281717	0.00335654

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rru_id	oeis_subproject_id	oeis_project_id	mitigation_type_nbb	costs_type	used_and_useful_date	year_1	annual_costs_in_year_1	annual_costs_in_year_2	annual_costs_in_year_3	annual_costs_in_year_4
Proj00024-3UG-ALT1		Proj00024	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00024-3UG-PAS		Proj00024	Undergrounding	CapEx	12/11/2028	2028	2.938979887	0.197165873		
Proj00024-3UG-PAS		Proj00024	Undergrounding	Incremental_OM_Costs	12/11/2028	2028	0.000428021	0.000437779	0.000447761	0.00045797
Proj00024-3UG-PAS		Proj00024	Undergrounding	Incremental_OM_Savings	12/11/2028	2028	-0.218223379	-0.223198872	-0.228287806	-0.233492768
Proj00024-3UG-UGAS	Proj00024-3UG-UGAS	Proj00024	No-Build Baseline	OM_Costs_NBB	12/11/2028	2028	0.717857926	0.250279405	0.255985775	0.261822251
Proj00024-3UG-UGAS	Proj00024-3UG-UGAS	Proj00024	Undergrounding	CapEx	12/11/2028	2028	2.938979887	0.197165873		
Proj00024-3UG-UGAS	Proj00024-3UG-UGAS	Proj00024	Undergrounding	Incremental_OM_Costs	12/11/2028	2028	0.000428021	0.000437779	0.000447761	0.00045797
Proj00024-3UG-UGAS	Proj00024-3UG-UGAS	Proj00024	Undergrounding	Incremental_OM_Savings	12/11/2028	2028	-0.218223379	-0.223198872	-0.228287806	-0.233492768
Proj00025-3UG-ALT1		Proj00025	Overhead Hardening	CapEx		2028	4.22463064	0		
Proj00025-3UG-ALT1		Proj00025	Overhead Hardening	Incremental_OM_Costs		2028	0.007815079	0.007993263	0.008175509	0.008361911
Proj00025-3UG-ALT1		Proj00025	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00025-3UG-PAS		Proj00025	Undergrounding	CapEx	8/24/2028	2028	12.54813424	0.841810403		
Proj00025-3UG-PAS		Proj00025	Undergrounding	Incremental_OM_Costs	8/24/2028	2028	0.001245784	0.001274188	0.001303239	0.001332953
Proj00025-3UG-PAS		Proj00025	Undergrounding	Incremental_OM_Savings	8/24/2028	2028	-0.465820254	-0.476440956	-0.487303809	-0.498414336
Proj00025-3UG-UGAS	Proj00025-3UG-UGAS	Proj00025	No-Build Baseline	OM_Costs_NBB	8/24/2028	2028	1.56805223	0.546697563	0.559162267	0.571911167
Proj00025-3UG-UGAS	Proj00025-3UG-UGAS	Proj00025	Undergrounding	CapEx	8/24/2028	2028	12.54813424	0.841810403		
Proj00025-3UG-UGAS	Proj00025-3UG-UGAS	Proj00025	Undergrounding	Incremental_OM_Costs	8/24/2028	2028	0.001245784	0.001274188	0.001303239	0.001332953
Proj00025-3UG-UGAS	Proj00025-3UG-UGAS	Proj00025	Undergrounding	Incremental_OM_Savings	8/24/2028	2028	-0.465820254	-0.476440956	-0.487303809	-0.498414336
Proj00026-3UG-ALT1		Proj00026	Overhead Hardening	CapEx		2028	3.55611	0		
Proj00026-3UG-ALT1		Proj00026	Overhead Hardening	Incremental_OM_Costs		2028	0.009328548	0.009541239	0.009758779	0.009981279
Proj00026-3UG-ALT1		Proj00026	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00026-3UG-PAS		Proj00026	Undergrounding	CapEx	7/3/2028	2028	9.468790992	0.632719008		
Proj00026-3UG-PAS		Proj00026	Undergrounding	Incremental_OM_Costs	7/3/2028	2028	0.001144867	0.00117097	0.001197668	0.001224975
Proj00026-3UG-PAS		Proj00026	Undergrounding	Incremental_OM_Savings	7/3/2028	2028	-0.652841282	-0.667726063	-0.682950217	-0.698521482
Proj00026-3UG-UGAS	Proj00026-3UG-UGAS	Proj00026	No-Build Baseline	OM_Costs_NBB	7/3/2028	2028	2.101807223	0.732789931	0.749497542	0.766586086
Proj00026-3UG-UGAS	Proj00026-3UG-UGAS	Proj00026	Undergrounding	CapEx	7/3/2028	2028	9.468790992	0.632719008		
Proj00026-3UG-UGAS	Proj00026-3UG-UGAS	Proj00026	Undergrounding	Incremental_OM_Costs	7/3/2028	2028	0.001144867	0.00117097	0.001197668	0.001224975
Proj00026-3UG-UGAS	Proj00026-3UG-UGAS	Proj00026	Undergrounding	Incremental_OM_Savings	7/3/2028	2028	-0.652841282	-0.667726063	-0.682950217	-0.698521482
Proj00027-3UG-ALT1		Proj00027	Overhead Hardening	CapEx		2028	0.75920988	0		
Proj00027-3UG-ALT1		Proj00027	Overhead Hardening	Incremental_OM_Costs		2028	0.003632351	0.003715168	0.003799874	0.003886511
Proj00027-3UG-ALT1		Proj00027	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00027-3UG-PAS		Proj00027	Undergrounding	CapEx	9/1/2028	2028	3.028928715	0.203200225		
Proj00027-3UG-PAS		Proj00027	Undergrounding	Incremental_OM_Costs	9/1/2028	2028	0.000455858	0.000466252	0.000476882	0.000487755
Proj00027-3UG-PAS		Proj00027	Undergrounding	Incremental_OM_Savings	9/1/2028	2028	-0.213161893	-0.218021984	-0.222992885	-0.228077123
Proj00027-3UG-UGAS	Proj00027-3UG-UGAS	Proj00027	No-Build Baseline	OM_Costs_NBB	9/1/2028	2028	0.68193153	0.237753755	0.24317454	0.24871892
Proj00027-3UG-UGAS	Proj00027-3UG-UGAS	Proj00027	Undergrounding	CapEx	9/1/2028	2028	3.028928715	0.203200225		
Proj00027-3UG-UGAS	Proj00027-3UG-UGAS	Proj00027	Undergrounding	Incremental_OM_Costs	9/1/2028	2028	0.000455858	0.000466252	0.000476882	0.000487755
Proj00027-3UG-UGAS	Proj00027-3UG-UGAS	Proj00027	Undergrounding	Incremental_OM_Savings	9/1/2028	2028	-0.213161893	-0.218021984	-0.222992885	-0.228077123
Proj00028-3UG-ALT1		Proj00028	Overhead Hardening	CapEx		2028	3.3568	0		
Proj00028-3UG-ALT1		Proj00028	Overhead Hardening	Incremental_OM_Costs		2028	0.008805717	0.009006487	0.009211835	0.009421865
Proj00028-3UG-ALT1		Proj00028	Overhead Hardening	Incremental_OM_Savings		2028	0	0	0	0
Proj00028-3UG-PAS		Proj00028	Overhead Hardening, Undergrounding	CapEx	11/3/2028	2028	8.833000473	0.553869527		
Proj00028-3UG-PAS		Proj00028	Overhead Hardening, Undergrounding	Incremental_OM_Costs	11/3/2028	2028	0.002515677	0.002573034	0.002631699	0.002691702
Proj00028-3UG-PAS		Proj00028	Overhead Hardening, Undergrounding	Incremental_OM_Savings	11/3/2028	2028	-0.565349738	-0.578239712	-0.591423578	-0.604908035
Proj00028-3UG-UGAS	Proj00028-3UG-UGAS	Proj00028	No-Build Baseline	OM_Costs_NBB	11/3/2028	2028	2.20597324	0.769107158	0.786642801	0.804578257
Proj00028-3UG-UGAS	Proj00028-3UG-UGAS	Proj00028	Undergrounding	CapEx	11/3/2028	2028	8.256050473	0.553869527		
Proj00028-3UG-UGAS	Proj00028-3UG-UGAS	Proj00028	Undergrounding	Incremental_OM_Costs	11/3/2028	2028	0.001002194	0.001025044	0.001048415	0.001072319
Proj00028-3UG-UGAS	Proj00028-3UG-UGAS	Proj00028	Undergrounding	Incremental_OM_Savings	11/3/2028	2028	-0.565349738	-0.578239712	-0.591423578	-0.604908035

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rru_id	annual_costs_in_year_5	annual_costs_in_year_6	annual_costs_in_year_7	annual_costs_in_year_8	annual_costs_in_year_9	annual_costs_in_year_10	annual_costs_in_year_11	annual_costs_in_year_12	annual_costs_in_year_13
Proj00001-3UG-ALT1									
Proj00001-3UG-ALT1	0.009184952	0.009394369	0.00960856	0.009827636	0.010051706	0.010280885	0.010515289	0.010755037	0.011000252
Proj00001-3UG-ALT1	-0.037355473	-0.038207177	-0.039078301	-0.039969286	-0.040880586	-0.041812663	-0.042765992	-0.043741057	-0.044738353
Proj00001-3UG-PAS									
Proj00001-3UG-PAS	0.001382383	0.001413901	0.001446138	0.00147911	0.001512834	0.001547326	0.001582606	0.001618689	0.001655595
Proj00001-3UG-PAS	-1.221298681	-1.249144291	-1.277624781	-1.306754626	-1.336548632	-1.367021941	-1.398190041	-1.430068774	-1.462674342
Proj00001-3UG-UGAS	1.301618238	1.331295134	1.361648663	1.392694252	1.424447681	1.456925089	1.490142981	1.524118241	1.558868136
Proj00001-3UG-UGAS									
Proj00001-3UG-UGAS	0.001382383	0.001413901	0.001446138	0.00147911	0.001512834	0.001547326	0.001582606	0.001618689	0.001655595
Proj00001-3UG-UGAS	-1.221298681	-1.249144291	-1.277624781	-1.306754626	-1.336548632	-1.367021941	-1.398190041	-1.430068774	-1.462674342
Proj00002-3UG-ALT1									
Proj00002-3UG-ALT1	0.007739452	0.007915912	0.008096395	0.008280992	0.008469799	0.00866291	0.008860425	0.009062442	0.009269066
Proj00002-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00002-3UG-PAS									
Proj00002-3UG-PAS	0.001110496	0.001135815	0.001161712	0.001188199	0.001215289	0.001242998	0.001271338	0.001300325	0.001329972
Proj00002-3UG-PAS	-0.294848187	-0.301570726	-0.308446539	-0.31547912	-0.322672044	-0.330028966	-0.337553627	-0.345249849	-0.353121546
Proj00002-3UG-UGAS	0.589706002	0.603151299	0.616903149	0.63096854	0.645354623	0.660068709	0.675118275	0.690510972	0.706254622
Proj00002-3UG-UGAS									
Proj00002-3UG-UGAS	0.001110496	0.001135815	0.001161712	0.001188199	0.001215289	0.001242998	0.001271338	0.001300325	0.001329972
Proj00002-3UG-UGAS	-0.294848187	-0.301570726	-0.308446539	-0.31547912	-0.322672044	-0.330028966	-0.337553627	-0.345249849	-0.353121546
Proj00003-3UG-ALT1									
Proj00003-3UG-ALT1	0.025145716	0.025719039	0.026305433	0.026905196	0.027518635	0.02814606	0.02878779	0.029444152	0.030115478
Proj00003-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00003-3UG-PAS									
Proj00003-3UG-PAS	0.004387071	0.004487097	0.004589402	0.004694041	0.004801065	0.004910529	0.005022489	0.005137002	0.005254126
Proj00003-3UG-PAS	-1.465989879	-1.499414448	-1.533601098	-1.568567203	-1.604330535	-1.640909271	-1.678322002	-1.716587744	-1.755725945
Proj00003-3UG-UGAS	1.684299835	1.722701871	1.761979474	1.802152606	1.843241685	1.885267596	1.928251697	1.972215835	2.017182357
Proj00003-3UG-UGAS									
Proj00003-3UG-UGAS	0.004387071	0.004487097	0.004589402	0.004694041	0.004801065	0.004910529	0.005022489	0.005137002	0.005254126
Proj00003-3UG-UGAS	-1.465989879	-1.499414448	-1.533601098	-1.568567203	-1.604330535	-1.640909271	-1.678322002	-1.716587744	-1.755725945
Proj00004-3UG-ALT1									
Proj00004-3UG-ALT1	0.001294923	0.001324447	0.001354644	0.00138553	0.00141712	0.001449431	0.001482478	0.001516278	0.001550849
Proj00004-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00004-3UG-PAS									
Proj00004-3UG-PAS	0.000182794	0.000186961	0.000191224	0.000195584	0.000200043	0.000204604	0.000209269	0.000214041	0.000218921
Proj00004-3UG-PAS	-0.052572781	-0.053771441	-0.054997429	-0.056251371	-0.057533902	-0.058845675	-0.060187356	-0.061559628	-0.062963188
Proj00004-3UG-UGAS	0.059427255	0.060782196	0.06216803	0.063585461	0.06503521	0.066518013	0.068034623	0.069585813	0.071172369
Proj00004-3UG-UGAS									
Proj00004-3UG-UGAS	0.000182794	0.000186961	0.000191224	0.000195584	0.000200043	0.000204604	0.000209269	0.000214041	0.000218921
Proj00004-3UG-UGAS	-0.052572781	-0.053771441	-0.054997429	-0.056251371	-0.057533902	-0.058845675	-0.060187356	-0.061559628	-0.062963188
Proj00005-3UG-ALT1									
Proj00005-3UG-ALT1	0.017074986	0.017464295	0.017862481	0.018269746	0.018686296	0.019112344	0.019548105	0.019993802	0.020449661
Proj00005-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00005-3UG-PAS									
Proj00005-3UG-PAS	0.002509617	0.002566836	0.00262536	0.002685218	0.002746441	0.00280906	0.002873106	0.002938613	0.003005614
Proj00005-3UG-PAS	-1.343209962	-1.37383515	-1.405158591	-1.437196207	-1.46996428	-1.503479466	-1.537758798	-1.572819698	-1.608679987
Proj00005-3UG-UGAS	1.409094037	1.441221381	1.474081229	1.507690281	1.542065619	1.577224716	1.613185439	1.649966067	1.687585293
Proj00005-3UG-UGAS									
Proj00005-3UG-UGAS	0.002509617	0.002566836	0.00262536	0.002685218	0.002746441	0.00280906	0.002873106	0.002938613	0.003005614
Proj00005-3UG-UGAS	-1.343209962	-1.37383515	-1.405158591	-1.437196207	-1.46996428	-1.503479466	-1.537758798	-1.572819698	-1.608679987
Proj00006-3UG-ALT1									
Proj00006-3UG-ALT1	0.003704093	0.003788547	0.003874925	0.003963274	0.004053636	0.004146059	0.004240589	0.004337275	0.004436165
Proj00006-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00006-3UG-PAS									
Proj00006-3UG-PAS	0.001847064	0.001889177	0.00193225	0.001976305	0.002021365	0.002067452	0.00211459	0.002162803	0.002212115
Proj00006-3UG-PAS	-0.080767782	-0.082609288	-0.084492779	-0.086419215	-0.088389573	-0.090404855	-0.092466086	-0.094574313	-0.096730607
Proj00006-3UG-UGAS	0.156333929	0.159898343	0.163544025	0.167272829	0.171086649	0.174987425	0.178977138	0.183057817	0.187231535
Proj00006-3UG-UGAS									
Proj00006-3UG-UGAS	0.000220876	0.000225912	0.000231063	0.000236332	0.00024172	0.000247231	0.000252868	0.000258633	0.00026453
Proj00006-3UG-UGAS	-0.080767782	-0.082609288	-0.084492779	-0.086419215	-0.088389573	-0.090404855	-0.092466086	-0.094574313	-0.096730607
Proj00007-3UG-ALT1									
Proj00007-3UG-ALT1	0.024663893	0.02522623	0.025801388	0.026389659	0.026991343	0.027606746	0.02823618	0.028879965	0.029538428
Proj00007-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00007-3UG-PAS									
Proj00007-3UG-PAS	0.021578074	0.022070054	0.022573251	0.023087922	0.023614326	0.024152733	0.024703415	0.025266653	0.025842733
Proj00007-3UG-PAS	-0.068453763	-0.070014509	-0.07161084	-0.073243567	-0.074913521	-0.076621549	-0.07836852	-0.080155322	-0.081982864
Proj00007-3UG-UGAS	0.6330216	0.647454492	0.662216455	0.67731499	0.692757772	0.708552649	0.724707649	0.741230984	0.75813105
Proj00007-3UG-UGAS									
Proj00007-3UG-UGAS	0.00040748	0.00041677	0.000426273	0.000435992	0.000445932	0.0004561	0.000466499	0.000477135	0.000488014
Proj00007-3UG-UGAS	-0.068453763	-0.070014509	-0.07161084	-0.073243567	-0.074913521	-0.076621549	-0.07836852	-0.080155322	-0.081982864

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rru_id	annual_costs_in_year_5	annual_costs_in_year_6	annual_costs_in_year_7	annual_costs_in_year_8	annual_costs_in_year_9	annual_costs_in_year_10	annual_costs_in_year_11	annual_costs_in_year_12	annual_costs_in_year_13
Proj00008-3UG-ALT1									
Proj00008-3UG-ALT1	0.056224019	0.057505926	0.058817061	0.06015809	0.061529695	0.062932572	0.064367435	0.065835012	0.06733605
Proj00008-3UG-ALT1	-0.023403843	-0.023937451	-0.024483225	-0.025041442	-0.025612387	-0.026196349	-0.026793626	-0.027404521	-0.028029344
Proj00008-3UG-PAS									
Proj00008-3UG-PAS	0.035520327	0.03633019	0.037158518	0.038005733	0.038872263	0.039758551	0.040665046	0.041592209	0.042540511
Proj00008-3UG-PAS	-0.321664251	-0.328998195	-0.336499354	-0.34417154	-0.352018651	-0.360044676	-0.368253694	-0.376649879	-0.385237496
Proj00008-3UG-UGAS	1.039475704	1.06317575	1.087416157	1.112209245	1.137567616	1.163504158	1.190032053	1.217164783	1.24491614
Proj00008-3UG-UGAS									
Proj00008-3UG-UGAS	0.005676726	0.005806155	0.005938536	0.006073934	0.00621242	0.006354063	0.006498936	0.006647112	0.006798666
Proj00008-3UG-UGAS	-0.321664251	-0.328998195	-0.336499354	-0.34417154	-0.352018651	-0.360044676	-0.368253694	-0.376649879	-0.385237496
Proj00009-3UG-ALT1									
Proj00009-3UG-ALT1	0.021050117	0.021530059	0.022020945	0.022523022	0.023036547	0.023561781	0.024098989	0.024648446	0.025210431
Proj00009-3UG-ALT1	-0.012247006	-0.012526237	-0.012811836	-0.013103946	-0.013402715	-0.013708297	-0.014020847	-0.014340522	-0.014667486
Proj00009-3UG-PAS									
Proj00009-3UG-PAS	0.004694615	0.004801653	0.00491113	0.005023104	0.005137631	0.005254769	0.005374578	0.005497118	0.005622452
Proj00009-3UG-PAS	-1.172938978	-1.199681987	-1.227034737	-1.255011129	-1.283625382	-1.312892041	-1.342825979	-1.373442412	-1.404756899
Proj00009-3UG-UGAS	1.439317101	1.472133531	1.505698175	1.540028094	1.575140734	1.611053943	1.647785973	1.685355493	1.723781598
Proj00009-3UG-UGAS									
Proj00009-3UG-UGAS	0.003309343	0.003384796	0.003461969	0.003540902	0.003621635	0.003704208	0.003788664	0.003875046	0.003963397
Proj00009-3UG-UGAS	-1.172938978	-1.199681987	-1.227034737	-1.255011129	-1.283625382	-1.312892041	-1.342825979	-1.373442412	-1.404756899
Proj00010-3UG-ALT1									
Proj00010-3UG-ALT1	0.023549626	0.024086558	0.024635731	0.025197426	0.025771927	0.026359527	0.026960524	0.027575224	0.028203939
Proj00010-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00010-3UG-PAS									
Proj00010-3UG-PAS	0.006475131	0.006622764	0.006773763	0.006928204	0.007086167	0.007247732	0.00741298	0.007581996	0.007754866
Proj00010-3UG-PAS	-0.422401162	-0.432031909	-0.441882236	-0.451957151	-0.462261774	-0.472801343	-0.483581213	-0.494606865	-0.505883901
Proj00010-3UG-UGAS	0.660350925	0.675406926	0.690806204	0.706556586	0.722666076	0.739142862	0.755995319	0.773232013	0.790861703
Proj00010-3UG-UGAS									
Proj00010-3UG-UGAS	0.002981836	0.003049822	0.003119357	0.003190479	0.003263222	0.00333623	0.003413721	0.003491554	0.003571161
Proj00010-3UG-UGAS	-0.422401162	-0.432031909	-0.441882236	-0.451957151	-0.462261774	-0.472801343	-0.483581213	-0.494606865	-0.505883901
Proj00011-3UG-ALT1									
Proj00011-3UG-ALT1	0.014485133	0.014815394	0.015153185	0.015498678	0.015852048	0.016213475	0.016583142	0.016961237	0.017347954
Proj00011-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00011-3UG-PAS									
Proj00011-3UG-PAS	0.002281124	0.002333134	0.002386329	0.002440738	0.002496386	0.002553304	0.002611519	0.002671062	0.002731962
Proj00011-3UG-PAS	-0.990588007	-1.013173413	-1.036273767	-1.059900809	-1.084066547	-1.108783264	-1.134063523	-1.159920171	-1.186366351
Proj00011-3UG-UGAS	2.034149461	2.080528069	2.127964108	2.17648169	2.226105473	2.276860677	2.328773101	2.381869128	2.436175744
Proj00011-3UG-UGAS									
Proj00011-3UG-UGAS	0.002281124	0.002333134	0.002386329	0.002440738	0.002496386	0.002553304	0.002611519	0.002671062	0.002731962
Proj00011-3UG-UGAS	-0.990588007	-1.013173413	-1.036273767	-1.059900809	-1.084066547	-1.108783264	-1.134063523	-1.159920171	-1.186366351
Proj00012-3UG-ALT1									
Proj00012-3UG-ALT1	0.014605596	0.014938604	0.015279204	0.01562757	0.015983878	0.016348311	0.016721052	0.017102292	0.017492224
Proj00012-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00012-3UG-PAS									
Proj00012-3UG-PAS	0.006137148	0.006277075	0.006420192	0.006566572	0.00671629	0.006869422	0.007026045	0.007186238	0.007350085
Proj00012-3UG-PAS	-0.50818696	-0.519773623	-0.531624462	-0.5437455	-0.556142897	-0.568822955	-0.581792118	-0.595056979	-0.608624278
Proj00012-3UG-UGAS	0.767411667	0.784908653	0.80280457	0.821108515	0.839829789	0.858977908	0.878562604	0.898593832	0.919081771
Proj00012-3UG-UGAS									
Proj00012-3UG-UGAS	0.002071673	0.002118907	0.002167218	0.00221663	0.00226717	0.002318861	0.002371731	0.002425807	0.002481115
Proj00012-3UG-UGAS	-0.50818696	-0.519773623	-0.531624462	-0.5437455	-0.556142897	-0.568822955	-0.581792118	-0.595056979	-0.608624278
Proj00013-3UG-ALT1									
Proj00013-3UG-ALT1	0.023248488	0.023778554	0.024320705	0.024875217	0.025442372	0.026022458	0.02661577	0.027222609	0.027843285
Proj00013-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00013-3UG-PAS									
Proj00013-3UG-PAS	0.004040171	0.004132287	0.004226503	0.004322867	0.004421429	0.004522237	0.004625344	0.004730802	0.004838664
Proj00013-3UG-PAS	-0.870854207	-0.890709683	-0.911017864	-0.931789071	-0.953033862	-0.974763034	-0.996987631	-1.019718949	-1.042968541
Proj00013-3UG-UGAS	1.034203565	1.057783407	1.081900868	1.106568208	1.131797963	1.157602957	1.183996304	1.21099142	1.238602024
Proj00013-3UG-UGAS									
Proj00013-3UG-UGAS	0.004010056	0.004101486	0.004194999	0.004290645	0.004388472	0.004488529	0.004590868	0.00469554	0.004802598
Proj00013-3UG-UGAS	-0.870854207	-0.890709683	-0.911017864	-0.931789071	-0.953033862	-0.974763034	-0.996987631	-1.019718949	-1.042968541
Proj00014-3UG-ALT1									
Proj00014-3UG-ALT1	0.003794452	0.003880965	0.003969451	0.004059955	0.004152522	0.004247199	0.004344035	0.004443079	0.004544381
Proj00014-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00014-3UG-PAS									
Proj00014-3UG-PAS	0.000479837	0.000490777	0.000501967	0.000513412	0.000525118	0.00053709	0.000549336	0.000561861	0.000574671
Proj00014-3UG-PAS	-0.210575484	-0.215376605	-0.220287192	-0.22530974	-0.230446802	-0.235700989	-0.241074971	-0.246571481	-0.25219331
Proj00014-3UG-UGAS	0.243959352	0.249521625	0.255210718	0.261029522	0.266980995	0.273068162	0.279294116	0.285662022	0.292175116
Proj00014-3UG-UGAS									
Proj00014-3UG-UGAS	0.000479837	0.000490777	0.000501967	0.000513412	0.000525118	0.00053709	0.000549336	0.000561861	0.000574671
Proj00014-3UG-UGAS	-0.210575484	-0.215376605	-0.220287192	-0.22530974	-0.230446802	-0.235700989	-0.241074971	-0.246571481	-0.25219331
Proj00015-3UG-ALT1									
Proj00015-3UG-ALT1	0.068721583	0.070288435	0.071891011	0.073530126	0.075206613	0.076921324	0.07867513	0.080468923	0.082303614
Proj00015-3UG-ALT1	-0.034881906	-0.035677214	-0.036490654	-0.037322641	-0.038173597	-0.039043955	-0.039934157	-0.040844656	-0.041775914
Proj00015-3UG-PAS									
Proj00015-3UG-PAS	0.020353307	0.020817363	0.021291999	0.021777456	0.022273982	0.022781829	0.023301255	0.023832523	0.024375905
Proj00015-3UG-PAS	-1.177912429	-1.204768832	-1.232237562	-1.260332578	-1.289068161	-1.318458915	-1.348519778	-1.379266029	-1.410713295
Proj00015-3UG-UGAS	1.727939793	1.76733682	1.8076321	1.848846112	1.890999803	1.934114599	1.978212411	2.023315654	2.069447251
Proj00015-3UG-UGAS									
Proj00015-3UG-UGAS	0.009030207	0.009236096	0.009446679	0.009662063	0.009882358	0.010107676	0.010338131	0.01057384	0.010814924
Proj00015-3UG-UGAS	-1.177912429	-1.204768832	-1.232237562	-1.260332578	-1.289068161	-1.318458915	-1.348519778	-1.379266029	-1.410713295
Proj00016-3UG-ALT1									

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rru_id	annual_costs_in_year_5	annual_costs_in_year_6	annual_costs_in_year_7	annual_costs_in_year_8	annual_costs_in_year_9	annual_costs_in_year_10	annual_costs_in_year_11	annual_costs_in_year_12	annual_costs_in_year_13
Proj00016-3UG-ALT1	0.077394585	0.079159182	0.080964011	0.082809991	0.084698059	0.086629174	0.088604319	0.090624498	0.092690737
Proj00016-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00016-3UG-PAS									
Proj00016-3UG-PAS	0.073985383	0.07567225	0.077397577	0.079162242	0.080967141	0.082813192	0.084701333	0.086632523	0.088607745
Proj00016-3UG-PAS	-0.077947629	-0.079724835	-0.081542562	-0.083401732	-0.085303292	-0.087248207	-0.089237466	-0.09127208	-0.093353083
Proj00016-3UG-UGAS	1.808874143	1.850116474	1.892299129	1.93544355	1.979571663	2.024705896	2.070869191	2.118085008	2.166377347
Proj00016-3UG-UGAS									
Proj00016-3UG-UGAS	0.000806845	0.000825241	0.000844057	0.000863301	0.000882984	0.000903117	0.000923708	0.000944768	0.000966309
Proj00016-3UG-UGAS	-0.077947629	-0.079724835	-0.081542562	-0.083401732	-0.085303292	-0.087248207	-0.089237466	-0.09127208	-0.093353083
Proj00017-3UG-ALT1									
Proj00017-3UG-ALT1	0.021833095	0.02233089	0.022840034	0.023360787	0.023893413	0.024438182	0.024995373	0.025565267	0.026148156
Proj00017-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00017-3UG-PAS									
Proj00017-3UG-PAS	0.014433787	0.014762878	0.015099471	0.015443739	0.015795856	0.016156002	0.016524359	0.016901114	0.01728646
Proj00017-3UG-PAS	-0.369197872	-0.377615584	-0.386225219	-0.395031154	-0.404037864	-0.413249928	-0.422672026	-0.432308948	-0.442165592
Proj00017-3UG-UGAS	1.105054175	1.13024941	1.156019096	1.182376332	1.209334512	1.236907339	1.265108826	1.293953307	1.323455443
Proj00017-3UG-UGAS									
Proj00017-3UG-UGAS	0.001424274	0.001456748	0.001489961	0.001523933	0.001558678	0.001594216	0.001630564	0.001667741	0.001705766
Proj00017-3UG-UGAS	-0.369197872	-0.377615584	-0.386225219	-0.395031154	-0.404037864	-0.413249928	-0.422672026	-0.432308948	-0.442165592
Proj00018-3UG-ALT1									
Proj00018-3UG-ALT1	0.007076932	0.007238286	0.007403319	0.007572115	0.007744759	0.00792134	0.008101946	0.008286671	0.008475607
Proj00018-3UG-ALT1	-0.003274346	-0.003349002	-0.003425359	-0.003503457	-0.003583336	-0.003665036	-0.003748599	-0.003834067	-0.003921483
Proj00018-3UG-PAS									
Proj00018-3UG-PAS	0.000936822	0.000958181	0.000980028	0.001002372	0.001025227	0.001048602	0.00107251	0.001096963	0.001121974
Proj00018-3UG-PAS	-0.305132695	-0.31208972	-0.319205366	-0.326483248	-0.333927066	-0.341540603	-0.349327729	-0.357292401	-0.365438668
Proj00018-3UG-UGAS	0.41165036	0.421035988	0.430635608	0.4404541	0.450496454	0.460767773	0.471273278	0.482018309	0.493008326
Proj00018-3UG-UGAS									
Proj00018-3UG-UGAS	0.000936822	0.000958181	0.000980028	0.001002372	0.001025227	0.001048602	0.00107251	0.001096963	0.001121974
Proj00018-3UG-UGAS	-0.305132695	-0.31208972	-0.319205366	-0.326483248	-0.333927066	-0.341540603	-0.349327729	-0.357292401	-0.365438668
Proj00019-3UG-ALT1									
Proj00019-3UG-ALT1	0.025687779	0.02627346	0.026872495	0.027485188	0.02811185	0.0287528	0.029408364	0.030078875	0.030764673
Proj00019-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00019-3UG-PAS									
Proj00019-3UG-PAS	0.004272825	0.004370245	0.004469886	0.0045718	0.004676037	0.004782651	0.004891695	0.005003226	0.005117299
Proj00019-3UG-PAS	-1.198205327	-1.225524408	-1.253466365	-1.282045398	-1.311276033	-1.341173127	-1.371751874	-1.403027817	-1.435016851
Proj00019-3UG-UGAS	1.423808214	1.456271041	1.489474021	1.523434029	1.558168325	1.593694562	1.630030798	1.667195501	1.705207558
Proj00019-3UG-UGAS									
Proj00019-3UG-UGAS	0.004272825	0.004370245	0.004469886	0.0045718	0.004676037	0.004782651	0.004891695	0.005003226	0.005117299
Proj00019-3UG-UGAS	-1.198205327	-1.225524408	-1.253466365	-1.282045398	-1.311276033	-1.341173127	-1.371751874	-1.403027817	-1.435016851
Proj00020-3UG-ALT1									
Proj00020-3UG-ALT1	0.014756178	0.015092619	0.015436731	0.015788688	0.01614867	0.01651686	0.016893444	0.017278615	0.017672567
Proj00020-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00020-3UG-PAS									
Proj00020-3UG-PAS	0.002090715	0.002138383	0.002187138	0.002237005	0.002288009	0.002340176	0.002393532	0.002448104	0.002503921
Proj00020-3UG-PAS	-1.034482444	-1.058068644	-1.082192609	-1.1068666	-1.132103159	-1.157915111	-1.184315575	-1.21131797	-1.23893602
Proj00020-3UG-UGAS	1.137498401	1.163433365	1.189959645	1.217090725	1.244840394	1.273222755	1.302252234	1.331943585	1.362311898
Proj00020-3UG-UGAS									
Proj00020-3UG-UGAS	0.002090715	0.002138383	0.002187138	0.002237005	0.002288009	0.002340176	0.002393532	0.002448104	0.002503921
Proj00020-3UG-UGAS	-1.034482444	-1.058068644	-1.082192609	-1.1068666	-1.132103159	-1.157915111	-1.184315575	-1.21131797	-1.23893602
Proj00021-3UG-ALT1									
Proj00021-3UG-ALT1	0.060199136	0.061571677	0.062975511	0.064411353	0.065879931	0.067381994	0.068918303	0.070489641	0.072096804
Proj00021-3UG-ALT1	-0.013242976	-0.013544915	-0.013853739	-0.014169605	-0.014492672	-0.014823105	-0.015161071	-0.015506744	-0.015860298
Proj00021-3UG-PAS									
Proj00021-3UG-PAS	0.008911237	0.009114413	0.009322222	0.009534769	0.009752161	0.009974511	0.01020193	0.010434534	0.010672441
Proj00021-3UG-PAS	-1.520747725	-1.555420774	-1.590884367	-1.627156531	-1.6642557	-1.70220073	-1.741010906	-1.780705955	-1.821306051
Proj00021-3UG-UGAS	1.778229673	1.818773309	1.860241341	1.902654843	1.946035374	1.99040498	2.035786214	2.082202139	2.129676348
Proj00021-3UG-UGAS									
Proj00021-3UG-UGAS	0.008911237	0.009114413	0.009322222	0.009534769	0.009752161	0.009974511	0.01020193	0.010434534	0.010672441
Proj00021-3UG-UGAS	-1.520747725	-1.555420774	-1.590884367	-1.627156531	-1.6642557	-1.70220073	-1.741010906	-1.780705955	-1.821306051
Proj00022-3UG-ALT1									
Proj00022-3UG-ALT1	0.007257625	0.007423099	0.007592345	0.007765451	0.007942503	0.008123592	0.00830881	0.008498251	0.008692011
Proj00022-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00022-3UG-PAS									
Proj00022-3UG-PAS	0.006521046	0.006669725	0.006821795	0.006977332	0.007136415	0.007299126	0.007465546	0.00763576	0.007809855
Proj00022-3UG-PAS	-0.015428412	-0.015780179	-0.016139967	-0.016507959	-0.01688434	-0.017269303	-0.017663043	-0.018065761	-0.01847766
Proj00022-3UG-UGAS	0.168411018	0.172250789	0.176178107	0.180194968	0.184303413	0.188505531	0.192803457	0.197199376	0.201695522
Proj00022-3UG-UGAS									
Proj00022-3UG-UGAS	0.00010663	0.000109061	0.000111548	0.000114091	0.000116693	0.000119353	0.000122074	0.000124858	0.000127704
Proj00022-3UG-UGAS	-0.015428412	-0.015780179	-0.016139967	-0.016507959	-0.01688434	-0.017269303	-0.017663043	-0.018065761	-0.01847766
Proj00023-3UG-ALT1									
Proj00023-3UG-ALT1	0.074413248	0.07610987	0.077845175	0.079620045	0.081435382	0.083292109	0.085191169	0.087133528	0.089120172
Proj00023-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00023-3UG-PAS									
Proj00023-3UG-PAS	0.013321752	0.013625488	0.013936149	0.014253894	0.014578882	0.014911281	0.015251258	0.015598987	0.015954644
Proj00023-3UG-PAS	-3.348768338	-3.425120256	-3.503212998	-3.583086254	-3.664780621	-3.748337619	-3.833799717	-3.92121035	-4.010613946
Proj00023-3UG-UGAS	3.662218255	3.745716831	3.831119175	3.918468692	4.007809778	4.099187841	4.192649324	4.288241728	4.38601364
Proj00023-3UG-UGAS									
Proj00023-3UG-UGAS	0.01271946	0.013009463	0.013306079	0.013609458	0.013919753	0.014237124	0.01456173	0.014893738	0.015233315
Proj00023-3UG-UGAS	-3.348768338	-3.425120256	-3.503212998	-3.583086254	-3.664780621	-3.748337619	-3.833799717	-3.92121035	-4.010613946
Proj00024-3UG-ALT1									
Proj00024-3UG-ALT1	0.003433069	0.003511343	0.003591402	0.003673286	0.003757037	0.003842697	0.003930311	0.004019922	0.004111576

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rru_id	annual_costs_in_year_5	annual_costs_in_year_6	annual_costs_in_year_7	annual_costs_in_year_8	annual_costs_in_year_9	annual_costs_in_year_10	annual_costs_in_year_11	annual_costs_in_year_12	annual_costs_in_year_13
Proj00024-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00024-3UG-PAS									
Proj00024-3UG-PAS	0.000468411	0.000479091	0.000490015	0.000501187	0.000512614	0.000524301	0.000536256	0.000548482	0.000560988
Proj00024-3UG-PAS	-0.238816403	-0.244261417	-0.249830577	-0.255526714	-0.261352724	-0.267311566	-0.273406269	-0.279639932	-0.286015723
Proj00024-3UG-UGAS	0.267791798	0.273897451	0.280142313	0.286529558	0.293062432	0.299744255	0.306578424	0.313568412	0.320717772
Proj00024-3UG-UGAS									
Proj00024-3UG-UGAS	0.000468411	0.000479091	0.000490015	0.000501187	0.000512614	0.000524301	0.000536256	0.000548482	0.000560988
Proj00024-3UG-UGAS	-0.238816403	-0.244261417	-0.249830577	-0.255526714	-0.261352724	-0.267311566	-0.273406269	-0.279639932	-0.286015723
Proj00025-3UG-ALT1									
Proj00025-3UG-ALT1	0.008552563	0.008747561	0.008947006	0.009150997	0.00935964	0.00957304	0.009791305	0.010014547	0.010242878
Proj00025-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00025-3UG-PAS									
Proj00025-3UG-PAS	0.001363345	0.001394429	0.001426222	0.00145874	0.001491999	0.001526017	0.00156081	0.001596396	0.001632794
Proj00025-3UG-PAS	-0.509778183	-0.521401126	-0.533289071	-0.545448062	-0.557884278	-0.57060404	-0.583613812	-0.596920207	-0.610529987
Proj00025-3UG-UGAS	0.584950741	0.598287618	0.611928576	0.625880547	0.640150624	0.654746058	0.669674268	0.684942842	0.700559538
Proj00025-3UG-UGAS									
Proj00025-3UG-UGAS	0.001363345	0.001394429	0.001426222	0.00145874	0.001491999	0.001526017	0.00156081	0.001596396	0.001632794
Proj00025-3UG-UGAS	-0.509778183	-0.521401126	-0.533289071	-0.545448062	-0.557884278	-0.57060404	-0.583613812	-0.596920207	-0.610529987
Proj00026-3UG-ALT1									
Proj00026-3UG-ALT1	0.010208853	0.010441615	0.010679683	0.01092318	0.011172229	0.011426955	0.01168749	0.011953965	0.012226515
Proj00026-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00026-3UG-PAS									
Proj00026-3UG-PAS	0.001252904	0.00128147	0.001310688	0.001340571	0.001371137	0.001402398	0.001434373	0.001467077	0.001500526
Proj00026-3UG-PAS	-0.714447772	-0.730737181	-0.747397989	-0.764438663	-0.781867864	-0.799694452	-0.817927485	-0.836576232	-0.85565017
Proj00026-3UG-UGAS	0.784064248	0.801940913	0.820225166	0.8389263	0.858053819	0.877617447	0.897627124	0.918093023	0.939025544
Proj00026-3UG-UGAS									
Proj00026-3UG-UGAS	0.001252904	0.00128147	0.001310688	0.001340571	0.001371137	0.001402398	0.001434373	0.001467077	0.001500526
Proj00026-3UG-UGAS	-0.714447772	-0.730737181	-0.747397989	-0.764438663	-0.781867864	-0.799694452	-0.817927485	-0.836576232	-0.85565017
Proj00027-3UG-ALT1									
Proj00027-3UG-ALT1	0.003975124	0.004065757	0.004158456	0.004253269	0.004350243	0.004449429	0.004550876	0.004654636	0.004760761
Proj00027-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00027-3UG-PAS									
Proj00027-3UG-PAS	0.000498876	0.00051025	0.000521884	0.000533783	0.000545953	0.000558401	0.000571133	0.000584155	0.000597473
Proj00027-3UG-PAS	-0.233277281	-0.238596003	-0.244035992	-0.249600013	-0.255290893	-0.261111526	-0.267064868	-0.273153947	-0.279381857
Proj00027-3UG-UGAS	0.254389711	0.260189797	0.266122124	0.272189709	0.278395634	0.284743054	0.291235196	0.297875358	0.304666917
Proj00027-3UG-UGAS									
Proj00027-3UG-UGAS	0.000498876	0.00051025	0.000521884	0.000533783	0.000545953	0.000558401	0.000571133	0.000584155	0.000597473
Proj00027-3UG-UGAS	-0.233277281	-0.238596003	-0.244035992	-0.249600013	-0.255290893	-0.261111526	-0.267064868	-0.273153947	-0.279381857
Proj00028-3UG-ALT1									
Proj00028-3UG-ALT1	0.009636683	0.0098564	0.010081126	0.010310975	0.010546066	0.010786516	0.011032448	0.011283988	0.011541263
Proj00028-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00028-3UG-PAS									
Proj00028-3UG-PAS	0.002753073	0.002815843	0.002880044	0.002945709	0.003012871	0.003081565	0.003151825	0.003223686	0.003297186
Proj00028-3UG-PAS	-0.618699939	-0.632806297	-0.647234281	-0.661991222	-0.677084622	-0.692522152	-0.708311657	-0.724461163	-0.740978877
Proj00028-3UG-UGAS	0.822922641	0.841685277	0.860875702	0.880503667	0.900579151	0.921112356	0.942113717	0.96359391	0.985563851
Proj00028-3UG-UGAS									
Proj00028-3UG-UGAS	0.001096768	0.001121774	0.001147351	0.00117351	0.001200266	0.001227632	0.001255623	0.001284251	0.001313532
Proj00028-3UG-UGAS	-0.618699939	-0.632806297	-0.647234281	-0.661991222	-0.677084622	-0.692522152	-0.708311657	-0.724461163	-0.740978877

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rru_id	annual_costs_in_year_14	annual_costs_in_year_15	annual_costs_in_year_16	annual_costs_in_year_17	annual_costs_in_year_18	annual_costs_in_year_19	annual_costs_in_year_20	annual_costs_in_year_21	annual_costs_in_year_22
Proj00001-3UG-ALT1									
Proj00001-3UG-ALT1	0.011251058	0.011507582	0.011769955	0.01203831	0.012312783	0.012593515	0.012880647	0.013174326	0.0134747
Proj00001-3UG-ALT1	-0.045758387	-0.046801678	-0.047868757	-0.048960164	-0.050076456	-0.051218199	-0.052385974	-0.053580375	-0.054802007
Proj00001-3UG-PAS									
Proj00001-3UG-PAS	0.001693343	0.001731951	0.001771439	0.001811828	0.001853138	0.001895389	0.001938604	0.001982804	0.002028012
Proj00001-3UG-PAS	-1.496023317	-1.530132648	-1.565019673	-1.600702121	-1.63719813	-1.674526247	-1.712705445	-1.75175513	-1.791695147
Proj00001-3UG-UGAS	1.59441033	1.630762885	1.667944279	1.705973409	1.744869603	1.784652629	1.825342709	1.866960523	1.909527223
Proj00001-3UG-UGAS									
Proj00001-3UG-UGAS	0.001693343	0.001731951	0.001771439	0.001811828	0.001853138	0.001895389	0.001938604	0.001982804	0.002028012
Proj00001-3UG-UGAS	-1.496023317	-1.530132648	-1.565019673	-1.600702121	-1.63719813	-1.674526247	-1.712705445	-1.75175513	-1.791695147
Proj00002-3UG-ALT1									
Proj00002-3UG-ALT1	0.009480401	0.009696554	0.009917635	0.010143757	0.010375035	0.010611586	0.01085353	0.011100991	0.011354093
Proj00002-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00002-3UG-PAS									
Proj00002-3UG-PAS	0.001360296	0.00139131	0.001423032	0.001455478	0.001488662	0.001522604	0.001557319	0.001592826	0.001629143
Proj00002-3UG-PAS	-0.361172717	-0.369407455	-0.377829945	-0.386444468	-0.395255402	-0.404267225	-0.413484518	-0.422911965	-0.432554357
Proj00002-3UG-UGAS	0.722357227	0.738826972	0.755672227	0.772901554	0.790523709	0.80854765	0.826982536	0.845837738	0.865122839
Proj00002-3UG-UGAS									
Proj00002-3UG-UGAS	0.001360296	0.00139131	0.001423032	0.001455478	0.001488662	0.001522604	0.001557319	0.001592826	0.001629143
Proj00002-3UG-UGAS	-0.361172717	-0.369407455	-0.377829945	-0.386444468	-0.395255402	-0.404267225	-0.413484518	-0.422911965	-0.432554357
Proj00003-3UG-ALT1									
Proj00003-3UG-ALT1	0.030802111	0.031504399	0.0322227	0.032957377	0.033708805	0.034477366	0.03526345	0.036067457	0.036889795
Proj00003-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00003-3UG-PAS									
Proj00003-3UG-PAS	0.00537392	0.005496445	0.005621764	0.00574994	0.005881039	0.006015127	0.006152271	0.006292543	0.006436013
Proj00003-3UG-PAS	-1.795756496	-1.836699744	-1.878576498	-1.921408043	-1.965216146	-2.010023074	-2.0558516	-2.102725017	-2.150667147
Proj00003-3UG-UGAS	2.063174114	2.110214484	2.158327374	2.207537238	2.257869087	2.309348503	2.362001648	2.415855286	2.470936787
Proj00003-3UG-UGAS									
Proj00003-3UG-UGAS	0.00537392	0.005496445	0.005621764	0.00574994	0.005881039	0.006015127	0.006152271	0.006292543	0.006436013
Proj00003-3UG-UGAS	-1.795756496	-1.836699744	-1.878576498	-1.921408043	-1.965216146	-2.010023074	-2.0558516	-2.102725017	-2.150667147
Proj00004-3UG-ALT1									
Proj00004-3UG-ALT1	0.001586209	0.001622374	0.001659364	0.001697198	0.001735894	0.001775472	0.001815953	0.001857357	0.001899705
Proj00004-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00004-3UG-PAS									
Proj00004-3UG-PAS	0.000223912	0.000229017	0.000234239	0.00023958	0.000245042	0.000250629	0.000256343	0.000262188	0.000268166
Proj00004-3UG-PAS	-0.064398748	-0.06586704	-0.067368808	-0.068904817	-0.070475847	-0.072082696	-0.073726182	-0.075407139	-0.077126421
Proj00004-3UG-UGAS	0.072795099	0.074454827	0.076152398	0.077888672	0.079664534	0.081480885	0.083338649	0.085238771	0.087182215
Proj00004-3UG-UGAS									
Proj00004-3UG-UGAS	0.000223912	0.000229017	0.000234239	0.00023958	0.000245042	0.000250629	0.000256343	0.000262188	0.000268166
Proj00004-3UG-UGAS	-0.064398748	-0.06586704	-0.067368808	-0.068904817	-0.070475847	-0.072082696	-0.073726182	-0.075407139	-0.077126421
Proj00005-3UG-ALT1									
Proj00005-3UG-ALT1	0.020915913	0.021392796	0.021880551	0.022379428	0.022889679	0.023411564	0.023945347	0.024491301	0.025049703
Proj00005-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00005-3UG-PAS									
Proj00005-3UG-PAS	0.003074142	0.003144232	0.00321592	0.003289243	0.003364238	0.003440943	0.003519396	0.003599639	0.00368171
Proj00005-3UG-PAS	-1.645357891	-1.682872051	-1.721241534	-1.760485841	-1.800624918	-1.841679166	-1.883669451	-1.926617115	-1.970543985
Proj00005-3UG-UGAS	1.726062238	1.765416457	1.805667952	1.846837182	1.888945069	1.932013017	1.976062914	2.021117148	2.067198619
Proj00005-3UG-UGAS									
Proj00005-3UG-UGAS	0.003074142	0.003144232	0.00321592	0.003289243	0.003364238	0.003440943	0.003519396	0.003599639	0.00368171
Proj00005-3UG-UGAS	-1.645357891	-1.682872051	-1.721241534	-1.760485841	-1.800624918	-1.841679166	-1.883669451	-1.926617115	-1.970543985
Proj00006-3UG-ALT1									
Proj00006-3UG-ALT1	0.004537309	0.00464076	0.004746569	0.004854791	0.00496548	0.005078693	0.005194487	0.005312922	0.005434056
Proj00006-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00006-3UG-PAS									
Proj00006-3UG-PAS	0.002262551	0.002314137	0.002366899	0.002420865	0.00247606	0.002532515	0.002590256	0.002649314	0.002709718
Proj00006-3UG-PAS	-0.098936065	-0.101191807	-0.10349898	-0.105858757	-0.108272337	-0.110740946	-0.11326584	-0.115848301	-0.118489642
Proj00006-3UG-UGAS	0.191500414	0.195866624	0.200332383	0.204899961	0.20957168	0.214349915	0.219237093	0.224235698	0.229348272
Proj00006-3UG-UGAS									
Proj00006-3UG-UGAS	0.000270561	0.00027673	0.00028304	0.000289493	0.000296093	0.000302844	0.000309749	0.000316812	0.000324035
Proj00006-3UG-UGAS	-0.098936065	-0.101191807	-0.10349898	-0.105858757	-0.108272337	-0.110740946	-0.11326584	-0.115848301	-0.118489642
Proj00007-3UG-ALT1									
Proj00007-3UG-ALT1	0.030211904	0.030900736	0.031605272	0.032325873	0.033062902	0.033816737	0.034587758	0.035376359	0.03618294
Proj00007-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00007-3UG-PAS									
Proj00007-3UG-PAS	0.026431947	0.027034595	0.027650984	0.028281427	0.028926243	0.029585761	0.030260317	0.030950252	0.031655918
Proj00007-3UG-PAS	-0.083852073	-0.0857639	-0.087719317	-0.089719318	-0.091764918	-0.093857158	-0.095997101	-0.098185835	-0.100424472
Proj00007-3UG-UGAS	0.775416438	0.793095933	0.81117852	0.82967339	0.848589944	0.867937794	0.887726776	0.907966947	0.928668593
Proj00007-3UG-UGAS									
Proj00007-3UG-UGAS	0.00049914	0.000510521	0.000522161	0.000534066	0.000546243	0.000558697	0.000571435	0.000584464	0.00059779
Proj00007-3UG-UGAS	-0.083852073	-0.0857639	-0.087719317	-0.089719318	-0.091764918	-0.093857158	-0.095997101	-0.098185835	-0.100424472

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rru_id	annual_costs_in_year_14	annual_costs_in_year_15	annual_costs_in_year_16	annual_costs_in_year_17	annual_costs_in_year_18	annual_costs_in_year_19	annual_costs_in_year_20	annual_costs_in_year_21	annual_costs_in_year_22
Proj00008-3UG-ALT1									
Proj00008-3UG-ALT1	0.068871312	0.070441578	0.072047646	0.073690332	0.075370472	0.077088919	0.078846546	0.080644247	0.082482936
Proj00008-3UG-ALT1	-0.028668413	-0.029322053	-0.029990596	-0.030674381	-0.031373757	-0.032089079	-0.03282071	-0.033569022	-0.034334396
Proj00008-3UG-PAS									
Proj00008-3UG-PAS	0.043510435	0.044502473	0.045517129	0.04655492	0.047616372	0.048702025	0.049812432	0.050948155	0.052109773
Proj00008-3UG-PAS	-0.394020911	-0.403004588	-0.412193092	-0.421591095	-0.431203372	-0.441034809	-0.451090402	-0.461375263	-0.471894619
Proj00008-3UG-UGAS	1.273300228	1.302331474	1.332024631	1.362394793	1.393457394	1.425228223	1.457723426	1.49095952	1.524953397
Proj00008-3UG-UGAS									
Proj00008-3UG-UGAS	0.006953675	0.007112219	0.007274378	0.007440233	0.007609871	0.007783376	0.007960837	0.008142344	0.008327989
Proj00008-3UG-UGAS	-0.394020911	-0.403004588	-0.412193092	-0.421591095	-0.431203372	-0.441034809	-0.451090402	-0.461375263	-0.471894619
Proj00009-3UG-ALT1									
Proj00009-3UG-ALT1	0.025785228	0.026373132	0.026974439	0.027589456	0.028218496	0.028861878	0.029519928	0.030192983	0.030881383
Proj00009-3UG-ALT1	-0.015001904	-0.015343948	-0.01569379	-0.016051608	-0.016417585	-0.016791906	-0.017174761	-0.017566346	-0.017966859
Proj00009-3UG-PAS									
Proj00009-3UG-PAS	0.005750644	0.005881759	0.006015863	0.006153025	0.006293314	0.006436801	0.00658356	0.006733665	0.006887193
Proj00009-3UG-PAS	-1.436785356	-1.469544062	-1.503049667	-1.537319199	-1.572370077	-1.608220115	-1.644887533	-1.682390969	-1.720749483
Proj00009-3UG-UGAS	1.763083819	1.80328213	1.844396963	1.886449213	1.929460255	1.973451949	2.018446654	2.064467237	2.11153709
Proj00009-3UG-UGAS									
Proj00009-3UG-UGAS	0.004053762	0.004146188	0.004240721	0.004337409	0.004436302	0.00453745	0.004640904	0.004746717	0.004854942
Proj00009-3UG-UGAS	-1.436785356	-1.469544062	-1.503049667	-1.537319199	-1.572370077	-1.608220115	-1.644887533	-1.682390969	-1.720749483
Proj00010-3UG-ALT1									
Proj00010-3UG-ALT1	0.028846989	0.029504701	0.030177408	0.030865453	0.031569185	0.032288962	0.033025151	0.033778124	0.034548265
Proj00010-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00010-3UG-PAS									
Proj00010-3UG-PAS	0.007931677	0.008112519	0.008297484	0.008486667	0.008680163	0.008878071	0.009080491	0.009287526	0.009499282
Proj00010-3UG-PAS	-0.517418054	-0.529215186	-0.541281292	-0.553622506	-0.566245099	-0.579155487	-0.592360232	-0.605866046	-0.619679791
Proj00010-3UG-UGAS	0.808893349	0.827336118	0.846199381	0.865492727	0.885225961	0.905409113	0.926052441	0.947166437	0.968761832
Proj00010-3UG-UGAS									
Proj00010-3UG-UGAS	0.003652584	0.003735863	0.00382104	0.00390816	0.003997266	0.004088404	0.004181619	0.00427696	0.004374475
Proj00010-3UG-UGAS	-0.517418054	-0.529215186	-0.541281292	-0.553622506	-0.566245099	-0.579155487	-0.592360232	-0.605866046	-0.619679791
Proj00011-3UG-ALT1									
Proj00011-3UG-ALT1	0.017743487	0.018148038	0.018561814	0.018985023	0.019417882	0.019860609	0.020313431	0.020776577	0.021250283
Proj00011-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00011-3UG-PAS									
Proj00011-3UG-PAS	0.002794251	0.00285796	0.002923121	0.002989768	0.003057935	0.003127656	0.003198967	0.003271903	0.003346503
Proj00011-3UG-PAS	-1.213415504	-1.241081377	-1.269378033	-1.298319852	-1.327921545	-1.358198156	-1.389165074	-1.420838037	-1.453233145
Proj00011-3UG-UGAS	2.491720551	2.548531779	2.606638304	2.666069657	2.726856045	2.789028363	2.85261821	2.917657905	2.984180505
Proj00011-3UG-UGAS									
Proj00011-3UG-UGAS	0.002794251	0.00285796	0.002923121	0.002989768	0.003057935	0.003127656	0.003198967	0.003271903	0.003346503
Proj00011-3UG-UGAS	-1.213415504	-1.241081377	-1.269378033	-1.298319852	-1.327921545	-1.358198156	-1.389165074	-1.420838037	-1.453233145
Proj00012-3UG-ALT1									
Proj00012-3UG-ALT1	0.017891047	0.018298963	0.018716179	0.019142908	0.019579366	0.020025776	0.020482364	0.020949362	0.021427007
Proj00012-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00012-3UG-PAS									
Proj00012-3UG-PAS	0.007517667	0.007689069	0.00786438	0.008043688	0.008227084	0.008414662	0.008606516	0.008802744	0.009003447
Proj00012-3UG-PAS	-0.622500911	-0.636693932	-0.651210554	-0.666058154	-0.68124428	-0.69677665	-0.712663157	-0.728911877	-0.745531068
Proj00012-3UG-UGAS	0.940036835	0.961469675	0.983391184	1.005812503	1.028745028	1.052200415	1.076190584	1.100727729	1.125824322
Proj00012-3UG-UGAS									
Proj00012-3UG-UGAS	0.002537684	0.002595544	0.002654722	0.00271525	0.002777157	0.002840476	0.002905239	0.002971479	0.003039229
Proj00012-3UG-UGAS	-0.622500911	-0.636693932	-0.651210554	-0.666058154	-0.68124428	-0.69677665	-0.712663157	-0.728911877	-0.745531068
Proj00013-3UG-ALT1									
Proj00013-3UG-ALT1	0.028478112	0.029127413	0.029791518	0.030470764	0.031165498	0.031876071	0.032602845	0.03334619	0.034106483
Proj00013-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00013-3UG-PAS									
Proj00013-3UG-PAS	0.004948986	0.005061823	0.005177232	0.005295273	0.005416005	0.00553949	0.005665791	0.005794971	0.005927096
Proj00013-3UG-PAS	-1.066748224	-1.091070084	-1.115946482	-1.141390061	-1.167413755	-1.194030788	-1.22125469	-1.249099297	-1.277578761
Proj00013-3UG-UGAS	1.266842151	1.295726152	1.325268708	1.355484834	1.386389889	1.417999578	1.450329968	1.483397492	1.517218955
Proj00013-3UG-UGAS									
Proj00013-3UG-UGAS	0.004912097	0.005024093	0.005138642	0.005255803	0.005375636	0.0054982	0.005623559	0.005751776	0.005882917
Proj00013-3UG-UGAS	-1.066748224	-1.091070084	-1.115946482	-1.141390061	-1.167413755	-1.194030788	-1.22125469	-1.249099297	-1.277578761
Proj00014-3UG-ALT1									
Proj00014-3UG-ALT1	0.004647993	0.004753968	0.004862358	0.00497322	0.005086609	0.005202584	0.005321203	0.005442526	0.005566616
Proj00014-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00014-3UG-PAS									
Proj00014-3UG-PAS	0.000587774	0.000601175	0.000614882	0.000628901	0.00064324	0.000657906	0.000672906	0.000688248	0.00070394
Proj00014-3UG-PAS	-0.257943318	-0.263824425	-0.269839622	-0.275991966	-0.282284583	-0.288720671	-0.295303502	-0.302036422	-0.308922853
Proj00014-3UG-UGAS	0.298836709	0.305650186	0.31261901	0.319746723	0.327036949	0.334493391	0.34211984	0.349920173	0.357898353
Proj00014-3UG-UGAS									
Proj00014-3UG-UGAS	0.000587774	0.000601175	0.000614882	0.000628901	0.00064324	0.000657906	0.000672906	0.000688248	0.00070394
Proj00014-3UG-UGAS	-0.257943318	-0.263824425	-0.269839622	-0.275991966	-0.282284583	-0.288720671	-0.295303502	-0.302036422	-0.308922853
Proj00015-3UG-ALT1									
Proj00015-3UG-ALT1	0.084180137	0.086099444	0.088062511	0.090070336	0.09212394	0.094224366	0.096372681	0.098569978	0.100817374
Proj00015-3UG-ALT1	-0.042728405	-0.043702613	-0.044699032	-0.04571817	-0.046760545	-0.047826685	-0.048917134	-0.050032444	-0.051173184
Proj00015-3UG-PAS									
Proj00015-3UG-PAS	0.024931675	0.025500118	0.02608152	0.026676179	0.027284396	0.02790648	0.028542748	0.029193523	0.029859135
Proj00015-3UG-PAS	-1.442877558	-1.475775166	-1.50942284	-1.543837681	-1.57903718	-1.615039227	-1.651862122	-1.689524578	-1.728045739
Proj00015-3UG-UGAS	2.116630649	2.164889827	2.214249316	2.2647342	2.31637014	2.369183379	2.42320076	2.478449737	2.534958391
Proj00015-3UG-UGAS									
Proj00015-3UG-UGAS	0.011061504	0.011313706	0.011571659	0.011835493	0.012105342	0.012381344	0.012663638	0.012952369	0.013247683
Proj00015-3UG-UGAS	-1.442877558	-1.475775166	-1.50942284	-1.543837681	-1.57903718	-1.615039227	-1.651862122	-1.689524578	-1.728045739
Proj00016-3UG-ALT1									

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rru_id	annual_costs_in_year_14	annual_costs_in_year_15	annual_costs_in_year_16	annual_costs_in_year_17	annual_costs_in_year_18	annual_costs_in_year_19	annual_costs_in_year_20	annual_costs_in_year_21	annual_costs_in_year_22
Proj00016-3UG-ALT1	0.094804085	0.096965618	0.099176435	0.101437657	0.103750436	0.106115946	0.108535389	0.111009996	0.113541024
Proj00016-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00016-3UG-PAS									
Proj00016-3UG-PAS	0.090628001	0.09269432	0.09480775	0.096969367	0.099180268	0.101441578	0.103754446	0.106120048	0.108539585
Proj00016-3UG-PAS	-0.095481534	-0.097658513	-0.099885127	-0.102162508	-0.104491813	-0.106874226	-0.109310958	-0.111803248	-0.114352362
Proj00016-3UG-UGAS	2.21577075	2.266290323	2.317961743	2.37081127	2.424865767	2.480152707	2.536700189	2.594536953	2.653692395
Proj00016-3UG-UGAS									
Proj00016-3UG-UGAS	0.000988341	0.001010875	0.001033923	0.001057496	0.001081607	0.001106268	0.001131491	0.001157289	0.001183675
Proj00016-3UG-UGAS	-0.095481534	-0.097658513	-0.099885127	-0.102162508	-0.104491813	-0.106874226	-0.109310958	-0.111803248	-0.114352362
Proj00017-3UG-ALT1									
Proj00017-3UG-ALT1	0.026744334	0.027354104	0.027977778	0.028615671	0.029268109	0.029935421	0.030617949	0.031316038	0.032030044
Proj00017-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00017-3UG-PAS									
Proj00017-3UG-PAS	0.017680591	0.018083708	0.018496017	0.018917726	0.01934905	0.019790209	0.020241425	0.02070293	0.021174957
Proj00017-3UG-PAS	-0.452246968	-0.462558199	-0.473104526	-0.483891309	-0.494924031	-0.506208299	-0.517749848	-0.529554544	-0.541628388
Proj00017-3UG-UGAS	1.353630227	1.384492996	1.416059436	1.448345592	1.481367871	1.515143059	1.54968832	1.585021214	1.621159698
Proj00017-3UG-UGAS									
Proj00017-3UG-UGAS	0.001744657	0.001784435	0.00182512	0.001866733	0.001909295	0.001952826	0.001997351	0.002042891	0.002089468
Proj00017-3UG-UGAS	-0.452246968	-0.462558199	-0.473104526	-0.483891309	-0.494924031	-0.506208299	-0.517749848	-0.529554544	-0.541628388
Proj00018-3UG-ALT1									
Proj00018-3UG-ALT1	0.00866885	0.0088665	0.009068656	0.009275422	0.009486901	0.009703203	0.009924436	0.010150713	0.010382149
Proj00018-3UG-ALT1	-0.004010893	-0.004102342	-0.004195875	-0.004291541	-0.004389388	-0.004489466	-0.004591826	-0.00469652	-0.0048036
Proj00018-3UG-PAS									
Proj00018-3UG-PAS	0.001147555	0.001173719	0.00120048	0.001227851	0.001255846	0.001284479	0.001313765	0.001343719	0.001374356
Proj00018-3UG-PAS	-0.37377067	-0.382292641	-0.391008913	-0.399923916	-0.409042182	-0.418368343	-0.427907142	-0.437663424	-0.447642151
Proj00018-3UG-UGAS	0.504248916	0.515745791	0.527504795	0.539531905	0.551833232	0.56441503	0.577283693	0.590445761	0.603907924
Proj00018-3UG-UGAS									
Proj00018-3UG-UGAS	0.001147555	0.001173719	0.00120048	0.001227851	0.001255846	0.001284479	0.001313765	0.001343719	0.001374356
Proj00018-3UG-UGAS	-0.37377067	-0.382292641	-0.391008913	-0.399923916	-0.409042182	-0.418368343	-0.427907142	-0.437663424	-0.447642151
Proj00019-3UG-ALT1									
Proj00019-3UG-ALT1	0.031466108	0.032183535	0.032917319	0.033667834	0.034435461	0.035220589	0.036023619	0.036844957	0.037685022
Proj00019-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00019-3UG-PAS									
Proj00019-3UG-PAS	0.005233974	0.005353308	0.005475364	0.005600202	0.005727887	0.005858482	0.005992056	0.006128675	0.006268408
Proj00019-3UG-PAS	-1.467735235	-1.501199598	-1.535426949	-1.570434684	-1.606240595	-1.64286288	-1.680320154	-1.718631453	-1.75781625
Proj00019-3UG-UGAS	1.74408629	1.783851458	1.824523271	1.866122402	1.908669992	1.952187668	1.996697547	2.042222251	2.088784918
Proj00019-3UG-UGAS									
Proj00019-3UG-UGAS	0.005233974	0.005353308	0.005475364	0.005600202	0.005727887	0.005858482	0.005992056	0.006128675	0.006268408
Proj00019-3UG-UGAS	-1.467735235	-1.501199598	-1.535426949	-1.570434684	-1.606240595	-1.64286288	-1.680320154	-1.718631453	-1.75781625
Proj00020-3UG-ALT1									
Proj00020-3UG-ALT1	0.018075502	0.018487623	0.018909141	0.019340269	0.019781228	0.02023224	0.020693535	0.021165347	0.021647917
Proj00020-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00020-3UG-PAS									
Proj00020-3UG-PAS	0.00256101	0.002619401	0.002679124	0.002740208	0.002802684	0.002866586	0.002931944	0.002998792	0.003067164
Proj00020-3UG-PAS	-1.267183761	-1.296075551	-1.325626073	-1.355850348	-1.386763736	-1.418381949	-1.450721058	-1.483797498	-1.517628081
Proj00020-3UG-UGAS	1.39337261	1.425141505	1.457634731	1.490868803	1.524860612	1.559627434	1.595186939	1.631557202	1.668756706
Proj00020-3UG-UGAS									
Proj00020-3UG-UGAS	0.00256101	0.002619401	0.002679124	0.002740208	0.002802684	0.002866586	0.002931944	0.002998792	0.003067164
Proj00020-3UG-UGAS	-1.267183761	-1.296075551	-1.325626073	-1.355850348	-1.386763736	-1.418381949	-1.450721058	-1.483797498	-1.517628081
Proj00021-3UG-ALT1									
Proj00021-3UG-ALT1	0.073740612	0.075421898	0.077141517	0.078900343	0.080699271	0.082539215	0.084421109	0.08634591	0.088314597
Proj00021-3UG-ALT1	-0.016221912	-0.016591772	-0.016970064	-0.017356982	-0.017752721	-0.018157483	-0.018571474	-0.018994903	-0.019427987
Proj00021-3UG-PAS									
Proj00021-3UG-PAS	0.010915773	0.011164652	0.011419206	0.011679564	0.011945858	0.012218224	0.012496799	0.012781726	0.01307315
Proj00021-3UG-PAS	-1.862831829	-1.905304394	-1.948745335	-1.993176728	-2.038621158	-2.08510172	-2.132642039	-2.181266278	-2.230999149
Proj00021-3UG-UGAS	2.178232969	2.227896681	2.278692725	2.330646919	2.383785669	2.438135982	2.493725482	2.550582423	2.608735703
Proj00021-3UG-UGAS									
Proj00021-3UG-UGAS	0.010915773	0.011164652	0.011419206	0.011679564	0.011945858	0.012218224	0.012496799	0.012781726	0.01307315
Proj00021-3UG-UGAS	-1.862831829	-1.905304394	-1.948745335	-1.993176728	-2.038621158	-2.08510172	-2.132642039	-2.181266278	-2.230999149
Proj00022-3UG-ALT1									
Proj00022-3UG-ALT1	0.008890189	0.009092885	0.009300203	0.009512248	0.009729127	0.009950951	0.010177833	0.010409887	0.010647233
Proj00022-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00022-3UG-PAS									
Proj00022-3UG-PAS	0.00798792	0.008170045	0.008356322	0.008546846	0.008741714	0.008941025	0.00914488	0.009353384	0.009566641
Proj00022-3UG-PAS	-0.018898951	-0.019329847	-0.019770567	-0.020221336	-0.020682383	-0.021153941	-0.021636251	-0.022129557	-0.022634111
Proj00022-3UG-UGAS	0.20629418	0.210997687	0.215808434	0.220728867	0.225761485	0.230908847	0.236173568	0.241558326	0.247065855
Proj00022-3UG-UGAS									
Proj00022-3UG-UGAS	0.000130616	0.000133594	0.00013664	0.000139755	0.000142942	0.000146201	0.000149534	0.000152944	0.000156431
Proj00022-3UG-UGAS	-0.018898951	-0.019329847	-0.019770567	-0.020221336	-0.020682383	-0.021153941	-0.021636251	-0.022129557	-0.022634111
Proj00023-3UG-ALT1									
Proj00023-3UG-ALT1	0.091152112	0.09323038	0.095356033	0.09753015	0.099753838	0.102028225	0.104354469	0.106733751	0.10916728
Proj00023-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00023-3UG-PAS									
Proj00023-3UG-PAS	0.01631841	0.016690469	0.017071012	0.017460231	0.017858324	0.018265494	0.018681947	0.019107896	0.019543556
Proj00023-3UG-PAS	-4.102055944	-4.19558282	-4.291242108	-4.389082428	-4.489153507	-4.591506207	-4.696192549	-4.803265739	-4.912780198
Proj00023-3UG-UGAS	4.486014751	4.588295887	4.692909033	4.799907359	4.909345247	5.021278319	5.135763464	5.252858871	5.372624054
Proj00023-3UG-UGAS									
Proj00023-3UG-UGAS	0.015580634	0.015935873	0.016299211	0.016670833	0.017050928	0.017439689	0.017837314	0.018244005	0.018659968
Proj00023-3UG-UGAS	-4.102055944	-4.19558282	-4.291242108	-4.389082428	-4.489153507	-4.591506207	-4.696192549	-4.803265739	-4.912780198
Proj00024-3UG-ALT1									
Proj00024-3UG-ALT1	0.00420532	0.004301201	0.004399269	0.004499572	0.004602162	0.004707091	0.004814413	0.004924182	0.005036453

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rru_id	annual_costs_in_year_14	annual_costs_in_year_15	annual_costs_in_year_16	annual_costs_in_year_17	annual_costs_in_year_18	annual_costs_in_year_19	annual_costs_in_year_20	annual_costs_in_year_21	annual_costs_in_year_22
Proj00024-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00024-3UG-PAS									
Proj00024-3UG-PAS	0.000573778	0.00058686	0.000600241	0.000613926	0.000627924	0.00064224	0.000656883	0.00067186	0.000687179
Proj00024-3UG-PAS	-0.292536881	-0.299206722	-0.306028635	-0.313006088	-0.320142627	-0.327441879	-0.334907554	-0.342543446	-0.350353437
Proj00024-3UG-UGAS	0.328030137	0.335509224	0.343158835	0.350982856	0.358985265	0.367170129	0.375541608	0.384103957	0.392861527
Proj00024-3UG-UGAS									
Proj00024-3UG-UGAS	0.000573778	0.00058686	0.000600241	0.000613926	0.000627924	0.00064224	0.000656883	0.00067186	0.000687179
Proj00024-3UG-UGAS	-0.292536881	-0.299206722	-0.306028635	-0.313006088	-0.320142627	-0.327441879	-0.334907554	-0.342543446	-0.350353437
Proj00025-3UG-ALT1									
Proj00025-3UG-ALT1	0.010476416	0.010715278	0.010959587	0.011209465	0.011465041	0.011726444	0.011993807	0.012267266	0.012546959
Proj00025-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00025-3UG-PAS									
Proj00025-3UG-PAS	0.001670022	0.001708098	0.001747043	0.001786875	0.001827616	0.001869286	0.001911906	0.001955497	0.002000082
Proj00025-3UG-PAS	-0.624450071	-0.638687533	-0.653249608	-0.668143699	-0.683377376	-0.69895838	-0.714894631	-0.731194229	-0.747865457
Proj00025-3UG-UGAS	0.716532296	0.732869232	0.749578651	0.766669044	0.784149098	0.802027698	0.820313929	0.839017087	0.858146676
Proj00025-3UG-UGAS									
Proj00025-3UG-UGAS	0.001670022	0.001708098	0.001747043	0.001786875	0.001827616	0.001869286	0.001911906	0.001955497	0.002000082
Proj00025-3UG-UGAS	-0.624450071	-0.638687533	-0.653249608	-0.668143699	-0.683377376	-0.69895838	-0.714894631	-0.731194229	-0.747865457
Proj00026-3UG-ALT1									
Proj00026-3UG-ALT1	0.01250528	0.0127904	0.013082021	0.013380291	0.013685362	0.013997388	0.014316529	0.014642945	0.014976805
Proj00026-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00026-3UG-PAS									
Proj00026-3UG-PAS	0.001534738	0.00156973	0.00160552	0.001642126	0.001679566	0.00171786	0.001757028	0.001797088	0.001838062
Proj00026-3UG-PAS	-0.875158994	-0.895112619	-0.915521187	-0.93639507	-0.957744877	-0.979581461	-1.001915918	-1.024759601	-1.04812412
Proj00026-3UG-UGAS	0.960435326	0.982333252	1.00473045	1.027638304	1.051068457	1.075032818	1.099543566	1.12461316	1.15025434
Proj00026-3UG-UGAS									
Proj00026-3UG-UGAS	0.001534738	0.00156973	0.00160552	0.001642126	0.001679566	0.00171786	0.001757028	0.001797088	0.001838062
Proj00026-3UG-UGAS	-0.875158994	-0.895112619	-0.915521187	-0.93639507	-0.957744877	-0.979581461	-1.001915918	-1.024759601	-1.04812412
Proj00027-3UG-ALT1									
Proj00027-3UG-ALT1	0.004869307	0.004980327	0.005093878	0.005210019	0.005328807	0.005450304	0.005574571	0.005701671	0.005831669
Proj00027-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00027-3UG-PAS									
Proj00027-3UG-PAS	0.000611096	0.000625029	0.000639279	0.000653855	0.000668763	0.000684011	0.000699606	0.000715557	0.000731872
Proj00027-3UG-PAS	-0.285751764	-0.292266904	-0.298930589	-0.305746207	-0.31271722	-0.319847173	-0.327139688	-0.334598473	-0.342227319
Proj00027-3UG-UGAS	0.311613322	0.318718106	0.325984879	0.333417334	0.341019249	0.348794488	0.356747003	0.364880834	0.373200117
Proj00027-3UG-UGAS									
Proj00027-3UG-UGAS	0.000611096	0.000625029	0.000639279	0.000653855	0.000668763	0.000684011	0.000699606	0.000715557	0.000731872
Proj00027-3UG-UGAS	-0.285751764	-0.292266904	-0.298930589	-0.305746207	-0.31271722	-0.319847173	-0.327139688	-0.334598473	-0.342227319
Proj00028-3UG-ALT1									
Proj00028-3UG-ALT1	0.011804404	0.012073544	0.012348821	0.012630374	0.012918347	0.013212885	0.013514139	0.013822261	0.014137409
Proj00028-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00028-3UG-PAS									
Proj00028-3UG-PAS	0.003372362	0.003449252	0.003527895	0.003608331	0.003690601	0.003774747	0.003860811	0.003948837	0.004038871
Proj00028-3UG-PAS	-0.757873195	-0.775152704	-0.792826186	-0.810902623	-0.829391203	-0.848301322	-0.867642592	-0.887424843	-0.90765813
Proj00028-3UG-UGAS	1.008034707	1.031017899	1.054525107	1.078568279	1.103159636	1.128311675	1.154037182	1.180349229	1.207261192
Proj00028-3UG-UGAS									
Proj00028-3UG-UGAS	0.00134348	0.001374111	0.001405441	0.001437485	0.00147026	0.001503782	0.001538068	0.001573136	0.001609004
Proj00028-3UG-UGAS	-0.757873195	-0.775152704	-0.792826186	-0.810902623	-0.829391203	-0.848301322	-0.867642592	-0.887424843	-0.90765813

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rru_id	annual_costs_in_year_23	annual_costs_in_year_24	annual_costs_in_year_25	annual_costs_in_year_26	annual_costs_in_year_27	annual_costs_in_year_28	annual_costs_in_year_29	annual_costs_in_year_30	annual_costs_in_year_31
Proj00001-3UG-ALT1									
Proj00001-3UG-ALT1	0.013781924	0.014096151	0.014417544	0.014746264	0.015082478	0.015426359	0.01577808	0.01613782	0.016505763
Proj00001-3UG-ALT1	-0.056051493	-0.057329467	-0.058636579	-0.059973493	-0.061340888	-0.062739461	-0.06416992	-0.065632994	-0.067129427
Proj00001-3UG-PAS									
Proj00001-3UG-PAS	0.002074251	0.002121544	0.002169915	0.002219389	0.002269991	0.002321747	0.002374683	0.002428826	0.002484203
Proj00001-3UG-PAS	-1.832545796	-1.87432784	-1.917062515	-1.96077154	-2.005477131	-2.05120201	-2.097969416	-2.145803118	-2.194727429
Proj00001-3UG-UGAS	1.953064444	1.997594313	2.043139463	2.089723043	2.137368729	2.186100736	2.235943832	2.286923352	2.339065204
Proj00001-3UG-UGAS									
Proj00001-3UG-UGAS	0.002074251	0.002121544	0.002169915	0.002219389	0.002269991	0.002321747	0.002374683	0.002428826	0.002484203
Proj00001-3UG-UGAS	-1.832545796	-1.87432784	-1.917062515	-1.96077154	-2.005477131	-2.05120201	-2.097969416	-2.145803118	-2.194727429
Proj00002-3UG-ALT1									
Proj00002-3UG-ALT1	0.011612966	0.011877742	0.012148555	0.012425542	0.012708844	0.012998606	0.013294974	0.013598099	0.013908136
Proj00002-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00002-3UG-PAS									
Proj00002-3UG-PAS	0.001666287	0.001704278	0.001743136	0.001782879	0.001823529	0.001865106	0.00190763	0.001951124	0.00199561
Proj00002-3UG-PAS	-0.442416597	-0.452503695	-0.462820779	-0.473373093	-0.484166	-0.495204985	-0.506495658	-0.518043759	-0.529855157
Proj00002-3UG-UGAS	0.884847639	0.905022165	0.925656671	0.946761643	0.968347808	0.990426138	1.013007854	1.036104433	1.059727615
Proj00002-3UG-UGAS									
Proj00002-3UG-UGAS	0.001666287	0.001704278	0.001743136	0.001782879	0.001823529	0.001865106	0.00190763	0.001951124	0.00199561
Proj00002-3UG-UGAS	-0.442416597	-0.452503695	-0.462820779	-0.473373093	-0.484166	-0.495204985	-0.506495658	-0.518043759	-0.529855157
Proj00003-3UG-ALT1									
Proj00003-3UG-ALT1	0.037730882	0.038591146	0.039471024	0.040370964	0.041291422	0.042232866	0.043195775	0.044180639	0.045187958
Proj00003-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00003-3UG-PAS									
Proj00003-3UG-PAS	0.006582754	0.006732841	0.00688635	0.007043359	0.007203947	0.007368197	0.007536192	0.007708017	0.00788376
Proj00003-3UG-PAS	-2.199702358	-2.249855572	-2.301152279	-2.353618551	-2.407281054	-2.462167062	-2.518304471	-2.575721813	-2.63444827
Proj00003-3UG-UGAS	2.527274145	2.584895996	2.643831625	2.704110986	2.765764716	2.828824152	2.893321342	2.959289069	3.02676086
Proj00003-3UG-UGAS									
Proj00003-3UG-UGAS	0.006582754	0.006732841	0.00688635	0.007043359	0.007203947	0.007368197	0.007536192	0.007708017	0.00788376
Proj00003-3UG-UGAS	-2.199702358	-2.249855572	-2.301152279	-2.353618551	-2.407281054	-2.462167062	-2.518304471	-2.575721813	-2.63444827
Proj00004-3UG-ALT1									
Proj00004-3UG-ALT1	0.001943018	0.001987319	0.00203263	0.002078973	0.002126374	0.002174855	0.002224442	0.002275159	0.002327033
Proj00004-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00004-3UG-PAS									
Proj00004-3UG-PAS	0.00027428	0.000280534	0.00028693	0.000293472	0.000300163	0.000307007	0.000314006	0.000321166	0.000328488
Proj00004-3UG-PAS	-0.078884904	-0.08068348	-0.082523063	-0.084404589	-0.086329014	-0.088297315	-0.090310494	-0.092369573	-0.094475599
Proj00004-3UG-UGAS	0.089169969	0.091203044	0.093282474	0.095409314	0.097584647	0.099809577	0.102085235	0.104412778	0.10679339
Proj00004-3UG-UGAS									
Proj00004-3UG-UGAS	0.00027428	0.000280534	0.00028693	0.000293472	0.000300163	0.000307007	0.000314006	0.000321166	0.000328488
Proj00004-3UG-UGAS	-0.078884904	-0.08068348	-0.082523063	-0.084404589	-0.086329014	-0.088297315	-0.090310494	-0.092369573	-0.094475599
Proj00005-3UG-ALT1									
Proj00005-3UG-ALT1	0.025620836	0.026204991	0.026802465	0.027413561	0.02803859	0.02867787	0.029331726	0.030000489	0.0306845
Proj00005-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00005-3UG-PAS									
Proj00005-3UG-PAS	0.003765653	0.00385151	0.003939325	0.004029141	0.004121006	0.004214965	0.004311066	0.004409358	0.004509891
Proj00005-3UG-PAS	-2.015472388	-2.061425158	-2.108425652	-2.156497757	-2.205665905	-2.255955088	-2.307390864	-2.359999376	-2.413807362
Proj00005-3UG-UGAS	2.114330748	2.162537489	2.211843343	2.262273372	2.313853205	2.366609058	2.420567744	2.475756689	2.532203941
Proj00005-3UG-UGAS									
Proj00005-3UG-UGAS	0.003765653	0.00385151	0.003939325	0.004029141	0.004121006	0.004214965	0.004311066	0.004409358	0.004509891
Proj00005-3UG-UGAS	-2.015472388	-2.061425158	-2.108425652	-2.156497757	-2.205665905	-2.255955088	-2.307390864	-2.359999376	-2.413807362
Proj00006-3UG-ALT1									
Proj00006-3UG-ALT1	0.005557953	0.005684674	0.005814285	0.00594685	0.006082439	0.006221118	0.00636296	0.006508035	0.006656418
Proj00006-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00006-3UG-PAS									
Proj00006-3UG-PAS	0.0027715	0.00283469	0.002899321	0.002965425	0.003033037	0.00310219	0.00317292	0.003245263	0.003319255
Proj00006-3UG-PAS	-0.121191206	-0.123954365	-0.126780525	-0.129671121	-0.132627622	-0.135651532	-0.138744387	-0.141907759	-0.145143256
Proj00006-3UG-UGAS	0.234577413	0.239925778	0.245396086	0.250991116	0.256713714	0.262566786	0.268553309	0.274676325	0.280938945
Proj00006-3UG-UGAS									
Proj00006-3UG-UGAS	0.000331423	0.000338979	0.000346708	0.000354613	0.000362698	0.000370968	0.000379426	0.000388077	0.000396925
Proj00006-3UG-UGAS	-0.121191206	-0.123954365	-0.126780525	-0.129671121	-0.132627622	-0.135651532	-0.138744387	-0.141907759	-0.145143256
Proj00007-3UG-ALT1									
Proj00007-3UG-ALT1	0.037007911	0.037851691	0.03871471	0.039597405	0.040500226	0.041423631	0.04236809	0.043334083	0.0443221
Proj00007-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00007-3UG-PAS									
Proj00007-3UG-PAS	0.032377673	0.033115884	0.033870926	0.034643183	0.035433047	0.036240921	0.037067214	0.037912346	0.038776748
Proj00007-3UG-PAS	-0.10271415	-0.105056033	-0.107451311	-0.1099012	-0.112406948	-0.114969826	-0.117591138	-0.120272216	-0.123014423
Proj00007-3UG-UGAS	0.949842237	0.97149864	0.993648809	1.016304002	1.039475733	1.06317578	1.087416187	1.112209277	1.137567648
Proj00007-3UG-UGAS									
Proj00007-3UG-UGAS	0.000611419	0.00062536	0.000639618	0.000654201	0.000669117	0.000684373	0.000699976	0.000715936	0.000732259
Proj00007-3UG-UGAS	-0.10271415	-0.105056033	-0.107451311	-0.1099012	-0.112406948	-0.114969826	-0.117591138	-0.120272216	-0.123014423

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rru_id	annual_costs_in_year_23	annual_costs_in_year_24	annual_costs_in_year_25	annual_costs_in_year_26	annual_costs_in_year_27	annual_costs_in_year_28	annual_costs_in_year_29	annual_costs_in_year_30	annual_costs_in_year_31
Proj00008-3UG-ALT1									
Proj00008-3UG-ALT1	0.084363547	0.086287036	0.088254381	0.09026658	0.092324658	0.094429661	0.096582657	0.098784741	0.101037034
Proj00008-3UG-ALT1	-0.03511722	-0.035917892	-0.03673682	-0.03757442	-0.038431117	-0.039307346	-0.040203554	-0.041120195	-0.042057735
Proj00008-3UG-PAS									
Proj00008-3UG-PAS	0.053297876	0.054513067	0.055755965	0.057027201	0.058327421	0.059657287	0.061017473	0.062408671	0.063831589
Proj00008-3UG-PAS	-0.482653817	-0.493658324	-0.504913734	-0.516425767	-0.528200274	-0.54024324	-0.552560786	-0.565159172	-0.578044801
Proj00008-3UG-UGAS	1.559722335	1.595284004	1.631656479	1.668858247	1.706908215	1.745825722	1.785630549	1.826342925	1.867983544
Proj00008-3UG-UGAS									
Proj00008-3UG-UGAS	0.008517868	0.008712075	0.00891071	0.009113874	0.009321671	0.009534205	0.009751585	0.009973921	0.010201326
Proj00008-3UG-UGAS	-0.482653817	-0.493658324	-0.504913734	-0.516425767	-0.528200274	-0.54024324	-0.552560786	-0.565159172	-0.578044801
Proj00009-3UG-ALT1									
Proj00009-3UG-ALT1	0.031585478	0.032305627	0.033042196	0.033795558	0.034566096	0.035354203	0.036160279	0.036984733	0.037827985
Proj00009-3UG-ALT1	-0.018376503	-0.018795487	-0.019224024	-0.019662332	-0.020110633	-0.020569156	-0.021038132	-0.021517802	-0.022008408
Proj00009-3UG-PAS									
Proj00009-3UG-PAS	0.007044221	0.007204829	0.007369099	0.007537115	0.007708961	0.007884725	0.008064497	0.008248368	0.00843643
Proj00009-3UG-PAS	-1.759982571	-1.800110174	-1.841152686	-1.883130967	-1.926066353	-1.969980666	-2.014896225	-2.060835859	-2.107822917
Proj00009-3UG-UGAS	2.159680136	2.208920843	2.259284238	2.310795919	2.363482066	2.417369457	2.472485481	2.52885815	2.586516115
Proj00009-3UG-UGAS									
Proj00009-3UG-UGAS	0.004965634	0.005078851	0.005194649	0.005313087	0.005434225	0.005558125	0.005684851	0.005814465	0.005947035
Proj00009-3UG-UGAS	-1.759982571	-1.800110174	-1.841152686	-1.883130967	-1.926066353	-1.969980666	-2.014896225	-2.060835859	-2.107822917
Proj00010-3UG-ALT1									
Proj00010-3UG-ALT1	0.035335966	0.036141626	0.036965655	0.037808472	0.038670505	0.039552192	0.040453982	0.041376333	0.042319714
Proj00010-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00010-3UG-PAS									
Proj00010-3UG-PAS	0.009715865	0.009937387	0.010163959	0.010395698	0.01063272	0.010875146	0.011123099	0.011376706	0.011636094
Proj00010-3UG-PAS	-0.633808491	-0.648259324	-0.663039637	-0.67815694	-0.693618919	-0.70943343	-0.725608512	-0.742152386	-0.759073461
Proj00010-3UG-UGAS	0.990849601	1.013440972	1.036547426	1.060180708	1.084352828	1.109076072	1.134363007	1.160226483	1.186679647
Proj00010-3UG-UGAS									
Proj00010-3UG-UGAS	0.004474213	0.004576225	0.004680563	0.00478728	0.00489643	0.005008068	0.005122252	0.00523904	0.00535849
Proj00010-3UG-UGAS	-0.633808491	-0.648259324	-0.663039637	-0.67815694	-0.693618919	-0.70943343	-0.725608512	-0.742152386	-0.759073461
Proj00011-3UG-ALT1									
Proj00011-3UG-ALT1	0.02173479	0.022230343	0.022737195	0.023255603	0.023785831	0.024328148	0.024882829	0.025450158	0.026030422
Proj00011-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00011-3UG-PAS									
Proj00011-3UG-PAS	0.003422803	0.003500843	0.003580662	0.003662301	0.003745801	0.003831206	0.003918557	0.0040079	0.00409928
Proj00011-3UG-PAS	-1.48636686	-1.520256025	-1.554917862	-1.590369989	-1.626630425	-1.663717599	-1.70165036	-1.740447988	-1.780130203
Proj00011-3UG-UGAS	3.052219821	3.121810433	3.192987711	3.26578783	3.340247793	3.416405443	3.494299487	3.573969515	3.65545602
Proj00011-3UG-UGAS									
Proj00011-3UG-UGAS	0.003422803	0.003500843	0.003580662	0.003662301	0.003745801	0.003831206	0.003918557	0.0040079	0.00409928
Proj00011-3UG-UGAS	-1.48636686	-1.520256025	-1.554917862	-1.590369989	-1.626630425	-1.663717599	-1.70165036	-1.740447988	-1.780130203
Proj00012-3UG-ALT1									
Proj00012-3UG-ALT1	0.021915543	0.022415217	0.022926284	0.023449003	0.023983641	0.024530468	0.025089762	0.025661809	0.026246898
Proj00012-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00012-3UG-PAS									
Proj00012-3UG-PAS	0.009208726	0.009418684	0.009633431	0.009853073	0.010077723	0.010307495	0.010542506	0.010782875	0.011028724
Proj00012-3UG-PAS	-0.762529177	-0.779914842	-0.7976969	-0.81588439	-0.834486554	-0.853512847	-0.87297294	-0.892876723	-0.913234312
Proj00012-3UG-UGAS	1.151493116	1.177747159	1.204599794	1.23206467	1.260155744	1.288887295	1.318273925	1.348330571	1.379072508
Proj00012-3UG-UGAS									
Proj00012-3UG-UGAS	0.003108523	0.003179397	0.003251888	0.003326031	0.003401864	0.003479427	0.003558757	0.003639897	0.003722887
Proj00012-3UG-UGAS	-0.762529177	-0.779914842	-0.7976969	-0.81588439	-0.834486554	-0.853512847	-0.87297294	-0.892876723	-0.913234312
Proj00013-3UG-ALT1									
Proj00013-3UG-ALT1	0.034884111	0.035679469	0.036492961	0.037325	0.03817601	0.039046423	0.039936682	0.040847238	0.041778555
Proj00013-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00013-3UG-PAS									
Proj00013-3UG-PAS	0.006062234	0.006200453	0.006341823	0.006486417	0.006634307	0.00678569	0.00694028	0.007098519	0.007260365
Proj00013-3UG-PAS	-1.306707557	-1.336500489	-1.366972701	-1.398139678	-1.430017263	-1.462621656	-1.49596943	-1.530077533	-1.564963301
Proj00013-3UG-UGAS	1.551811547	1.58719285	1.623380847	1.66039393	1.698250912	1.736971033	1.776573972	1.817079859	1.85850928
Proj00013-3UG-UGAS									
Proj00013-3UG-UGAS	0.006017047	0.006154236	0.006294552	0.006438068	0.006584856	0.006734991	0.006888549	0.007045608	0.007206247
Proj00013-3UG-UGAS	-1.306707557	-1.336500489	-1.366972701	-1.398139678	-1.430017263	-1.462621656	-1.49596943	-1.530077533	-1.564963301
Proj00014-3UG-ALT1									
Proj00014-3UG-ALT1	0.005693535	0.005823347	0.00595612	0.006091919	0.006230815	0.006372877	0.006518179	0.006666794	0.006818796
Proj00014-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00014-3UG-PAS									
Proj00014-3UG-PAS	0.00071999	0.000736406	0.000753196	0.000770369	0.000787933	0.000805898	0.000824273	0.000843066	0.000862288
Proj00014-3UG-PAS	-0.315966294	-0.323170325	-0.330538609	-0.338074889	-0.345782996	-0.353666849	-0.361730453	-0.369977907	-0.378413403
Proj00014-3UG-UGAS	0.366058435	0.374404567	0.382940992	0.391672046	0.400602169	0.409735898	0.419077877	0.428632852	0.438405681
Proj00014-3UG-UGAS									
Proj00014-3UG-UGAS	0.00071999	0.000736406	0.000753196	0.000770369	0.000787933	0.000805898	0.000824273	0.000843066	0.000862288
Proj00014-3UG-UGAS	-0.315966294	-0.323170325	-0.330538609	-0.338074889	-0.345782996	-0.353666849	-0.361730453	-0.369977907	-0.378413403
Proj00015-3UG-ALT1									
Proj00015-3UG-ALT1	0.10311601	0.105467055	0.107871704	0.110331179	0.11284673	0.115419635	0.118051203	0.12074277	0.123495705
Proj00015-3UG-ALT1	-0.052339933	-0.053533283	-0.054753842	-0.056002229	-0.05727908	-0.058585043	-0.059920782	-0.061286976	-0.062684319
Proj00015-3UG-PAS									
Proj00015-3UG-PAS	0.030539923	0.031236233	0.03194842	0.032676843	0.033421875	0.034183894	0.034963287	0.03576045	0.036575788
Proj00015-3UG-PAS	-1.767445181	-1.807742931	-1.84895947	-1.891115746	-1.934233185	-1.978333702	-2.02343971	-2.069574136	-2.116760426
Proj00015-3UG-UGAS	2.592755443	2.651870267	2.712332909	2.774174099	2.837425269	2.902118565	2.968286868	3.035963808	3.105183783
Proj00015-3UG-UGAS									
Proj00015-3UG-UGAS	0.01354973	0.013858664	0.014174642	0.014497824	0.014828374	0.015166461	0.015512256	0.015865936	0.016227679
Proj00015-3UG-UGAS	-1.767445181	-1.807742931	-1.84895947	-1.891115746	-1.934233185	-1.978333702	-2.02343971	-2.069574136	-2.116760426
Proj00016-3UG-ALT1									

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rru_id	annual_costs_in_year_23	annual_costs_in_year_24	annual_costs_in_year_25	annual_costs_in_year_26	annual_costs_in_year_27	annual_costs_in_year_28	annual_costs_in_year_29	annual_costs_in_year_30	annual_costs_in_year_31
Proj00016-3UG-ALT1	0.11612976	0.118777518	0.121485645	0.124255518	0.127088544	0.129986163	0.132949847	0.135981104	0.139081473
Proj00016-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00016-3UG-PAS									
Proj00016-3UG-PAS	0.111014287	0.113545413	0.116134249	0.118782109	0.121490342	0.124260321	0.127093457	0.129991187	0.132954987
Proj00016-3UG-PAS	-0.116959596	-0.119626275	-0.122353754	-0.12514342	-0.12799669	-0.130915014	-0.133899876	-0.136952794	-0.140075317
Proj00016-3UG-UGAS	2.714196582	2.776080264	2.839374894	2.904112642	2.97032641	3.038049852	3.107317389	3.178164225	3.250626369
Proj00016-3UG-UGAS									
Proj00016-3UG-UGAS	0.001210663	0.001238266	0.001266498	0.001295374	0.001324909	0.001355117	0.001386014	0.001417615	0.001449936
Proj00016-3UG-UGAS	-0.116959596	-0.119626275	-0.122353754	-0.12514342	-0.12799669	-0.130915014	-0.133899876	-0.136952794	-0.140075317
Proj00017-3UG-ALT1									
Proj00017-3UG-ALT1	0.032760329	0.033507264	0.03427123	0.035052614	0.035851814	0.036669235	0.037505294	0.038360414	0.039235032
Proj00017-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00017-3UG-PAS									
Proj00017-3UG-PAS	0.021657746	0.022151542	0.022656597	0.023173168	0.023701516	0.024241911	0.024794626	0.025359944	0.02593815
Proj00017-3UG-PAS	-0.553977515	-0.566608202	-0.57952687	-0.592740082	-0.606254556	-0.62007716	-0.634214919	-0.648675019	-0.66346481
Proj00017-3UG-UGAS	1.658122139	1.695927323	1.734594466	1.77414322	1.814593686	1.855966422	1.898282456	1.941563296	1.985830939
Proj00017-3UG-UGAS									
Proj00017-3UG-UGAS	0.002137108	0.002185834	0.002235671	0.002286645	0.00233878	0.002392104	0.002446644	0.002502428	0.002559483
Proj00017-3UG-UGAS	-0.553977515	-0.566608202	-0.57952687	-0.592740082	-0.606254556	-0.62007716	-0.634214919	-0.648675019	-0.66346481
Proj00018-3UG-ALT1									
Proj00018-3UG-ALT1	0.010618862	0.010860972	0.011108602	0.011361879	0.011620929	0.011885887	0.012156885	0.012434062	0.012717558
Proj00018-3UG-ALT1	-0.004913122	-0.005025142	-0.005139715	-0.0052569	-0.005376758	-0.005499348	-0.005624733	-0.005752977	-0.005884145
Proj00018-3UG-PAS									
Proj00018-3UG-PAS	0.001405691	0.001437741	0.001470521	0.001504049	0.001538342	0.001573416	0.00160929	0.001645981	0.00168351
Proj00018-3UG-PAS	-0.457848392	-0.468287335	-0.478964286	-0.489884672	-0.501054042	-0.512478075	-0.524162575	-0.536113481	-0.548336869
Proj00018-3UG-UGAS	0.617677025	0.631760061	0.64616419	0.660896734	0.675965179	0.691377185	0.707140585	0.723263391	0.739753796
Proj00018-3UG-UGAS									
Proj00018-3UG-UGAS	0.001405691	0.001437741	0.001470521	0.001504049	0.001538342	0.001573416	0.00160929	0.001645981	0.00168351
Proj00018-3UG-UGAS	-0.457848392	-0.468287335	-0.478964286	-0.489884672	-0.501054042	-0.512478075	-0.524162575	-0.536113481	-0.548336869
Proj00019-3UG-ALT1									
Proj00019-3UG-ALT1	0.038544241	0.03942305	0.040321895	0.041241234	0.042181534	0.043143273	0.04412694	0.045133034	0.046162067
Proj00019-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00019-3UG-PAS									
Proj00019-3UG-PAS	0.006411328	0.006557506	0.006707018	0.006859938	0.007016344	0.007176317	0.007339937	0.007507287	0.007678453
Proj00019-3UG-PAS	-1.797894461	-1.838886455	-1.880813066	-1.923695604	-1.967555863	-2.012416137	-2.058299225	-2.105228447	-2.153227656
Proj00019-3UG-UGAS	2.136409215	2.185119345	2.234940066	2.285896699	2.338015144	2.391321889	2.445844028	2.501609272	2.558645964
Proj00019-3UG-UGAS									
Proj00019-3UG-UGAS	0.006411328	0.006557506	0.006707018	0.006859938	0.007016344	0.007176317	0.007339937	0.007507287	0.007678453
Proj00019-3UG-UGAS	-1.797894461	-1.838886455	-1.880813066	-1.923695604	-1.967555863	-2.012416137	-2.058299225	-2.105228447	-2.153227656
Proj00020-3UG-ALT1									
Proj00020-3UG-ALT1	0.02214149	0.022646316	0.023162652	0.02369076	0.024230909	0.024783374	0.025348435	0.025926379	0.026517501
Proj00020-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00020-3UG-PAS									
Proj00020-3UG-PAS	0.003137096	0.003208622	0.003281778	0.003356603	0.003433133	0.003511409	0.003591469	0.003673354	0.003757107
Proj00020-3UG-PAS	-1.552230001	-1.587620845	-1.6238186	-1.660841664	-1.698708854	-1.737439416	-1.777053035	-1.817569844	-1.859010436
Proj00020-3UG-UGAS	1.706804359	1.745719498	1.785521903	1.826231802	1.867869887	1.910457321	1.954015748	1.998567307	2.044134641
Proj00020-3UG-UGAS									
Proj00020-3UG-UGAS	0.003137096	0.003208622	0.003281778	0.003356603	0.003433133	0.003511409	0.003591469	0.003673354	0.003757107
Proj00020-3UG-UGAS	-1.552230001	-1.587620845	-1.6238186	-1.660841664	-1.698708854	-1.737439416	-1.777053035	-1.817569844	-1.859010436
Proj00021-3UG-ALT1									
Proj00021-3UG-ALT1	0.09032817	0.092387652	0.09449409	0.096648556	0.098852143	0.101105971	0.103411188	0.105768963	0.108180495
Proj00021-3UG-ALT1	-0.019870945	-0.020324003	-0.02078739	-0.021261342	-0.021746101	-0.022241912	-0.022749028	-0.023267706	-0.023798209
Proj00021-3UG-PAS									
Proj00021-3UG-PAS	0.013371218	0.013676081	0.013987896	0.01430682	0.014633015	0.014966648	0.015307888	0.015656908	0.016013885
Proj00021-3UG-PAS	-2.281865929	-2.333892473	-2.387105221	-2.44153122	-2.497198132	-2.554134249	-2.61236851	-2.671930512	-2.732850528
Proj00021-3UG-UGAS	2.668214877	2.729050176	2.79127252	2.854913533	2.920005562	2.986581689	3.054675751	3.124322358	3.195556908
Proj00021-3UG-UGAS									
Proj00021-3UG-UGAS	0.013371218	0.013676081	0.013987896	0.01430682	0.014633015	0.014966648	0.015307888	0.015656908	0.016013885
Proj00021-3UG-UGAS	-2.281865929	-2.333892473	-2.387105221	-2.44153122	-2.497198132	-2.554134249	-2.61236851	-2.671930512	-2.732850528
Proj00022-3UG-ALT1									
Proj00022-3UG-ALT1	0.01088999	0.011138281	0.011392234	0.011651977	0.011917642	0.012189365	0.012467282	0.012751536	0.013042271
Proj00022-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00022-3UG-PAS									
Proj00022-3UG-PAS	0.00978476	0.010007853	0.010236032	0.010469413	0.010708116	0.010952261	0.011201972	0.011457377	0.011718606
Proj00022-3UG-PAS	-0.023150169	-0.023677993	-0.024217851	-0.024770018	-0.025334774	-0.025912407	-0.02650321	-0.027107483	-0.027725534
Proj00022-3UG-UGAS	0.252698957	0.258460493	0.264353392	0.27038065	0.276545329	0.282850562	0.289299555	0.295895585	0.302642004
Proj00022-3UG-UGAS									
Proj00022-3UG-UGAS	0.000159997	0.000163645	0.000167377	0.000171193	0.000175096	0.000179088	0.000183171	0.000187348	0.000191619
Proj00022-3UG-UGAS	-0.023150169	-0.023677993	-0.024217851	-0.024770018	-0.025334774	-0.025912407	-0.02650321	-0.027107483	-0.027725534
Proj00023-3UG-ALT1									
Proj00023-3UG-ALT1	0.111656294	0.114202058	0.116805865	0.119469038	0.122192932	0.124978931	0.127828451	0.13074294	0.133723879
Proj00023-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00023-3UG-PAS									
Proj00023-3UG-PAS	0.019989149	0.020444901	0.020911045	0.021387817	0.021875459	0.02237422	0.022884352	0.023406115	0.023939775
Proj00023-3UG-PAS	-5.024791586	-5.139356835	-5.25653417	-5.376383149	-5.498964685	-5.62434108	-5.752576057	-5.883734791	-6.017883944
Proj00023-3UG-UGAS	5.495119882	5.620408615	5.748553932	5.879620961	6.013676319	6.150788139	6.291026109	6.434461504	6.581167226
Proj00023-3UG-UGAS									
Proj00023-3UG-UGAS	0.019085415	0.019520563	0.019965632	0.020420848	0.020886443	0.021362654	0.021849723	0.022347896	0.022857428
Proj00023-3UG-UGAS	-5.024791586	-5.139356835	-5.25653417	-5.376383149	-5.498964685	-5.62434108	-5.752576057	-5.883734791	-6.017883944
Proj00024-3UG-ALT1									
Proj00024-3UG-ALT1	0.005151284	0.005268733	0.005388861	0.005511727	0.005637394	0.005765927	0.00589739	0.00603185	0.006169376

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rru_id	annual_costs_in_year_23	annual_costs_in_year_24	annual_costs_in_year_25	annual_costs_in_year_26	annual_costs_in_year_27	annual_costs_in_year_28	annual_costs_in_year_29	annual_costs_in_year_30	annual_costs_in_year_31
Proj00024-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00024-3UG-PAS									
Proj00024-3UG-PAS	0.000702846	0.000718871	0.000735262	0.000752026	0.000769172	0.000786709	0.000804646	0.000822992	0.000841756
Proj00024-3UG-PAS	-0.358341495	-0.366511681	-0.374868147	-0.383415141	-0.392157006	-0.401098186	-0.410243225	-0.41959677	-0.429163577
Proj00024-3UG-UGAS	0.40181877	0.410980238	0.420350587	0.429934581	0.439737089	0.449763095	0.460017693	0.470506097	0.481233636
Proj00024-3UG-UGAS									
Proj00024-3UG-UGAS	0.000702846	0.000718871	0.000735262	0.000752026	0.000769172	0.000786709	0.000804646	0.000822992	0.000841756
Proj00024-3UG-UGAS	-0.358341495	-0.366511681	-0.374868147	-0.383415141	-0.392157006	-0.401098186	-0.410243225	-0.41959677	-0.429163577
Proj00025-3UG-ALT1									
Proj00025-3UG-ALT1	0.01283303	0.013125623	0.013424887	0.013730975	0.014044041	0.014364245	0.01469175	0.015026722	0.015369331
Proj00025-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00025-3UG-PAS									
Proj00025-3UG-PAS	0.002045684	0.002092326	0.002140031	0.002188823	0.002238729	0.002289772	0.002341978	0.002395376	0.00244999
Proj00025-3UG-PAS	-0.764916789	-0.782356892	-0.800194629	-0.818439067	-0.837099478	-0.856185346	-0.875706372	-0.895672477	-0.916093809
Proj00025-3UG-UGAS	0.87771242	0.897724264	0.918192377	0.939127163	0.960539262	0.982439557	1.004839179	1.027749513	1.051182202
Proj00025-3UG-UGAS									
Proj00025-3UG-UGAS	0.002045684	0.002092326	0.002140031	0.002188823	0.002238729	0.002289772	0.002341978	0.002395376	0.00244999
Proj00025-3UG-UGAS	-0.764916789	-0.782356892	-0.800194629	-0.818439067	-0.837099478	-0.856185346	-0.875706372	-0.895672477	-0.916093809
Proj00026-3UG-ALT1									
Proj00026-3UG-ALT1	0.015318276	0.015667532	0.016024752	0.016390117	0.016763811	0.017146026	0.017536956	0.017936798	0.018345757
Proj00026-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00026-3UG-PAS									
Proj00026-3UG-PAS	0.001879969	0.001922833	0.001966673	0.002011513	0.002057376	0.002104284	0.002152262	0.002201333	0.002251524
Proj00026-3UG-PAS	-1.07202135	-1.096463436	-1.121462803	-1.147032155	-1.173184488	-1.199933094	-1.227291569	-1.255273816	-1.283894059
Proj00026-3UG-UGAS	1.176480139	1.203303886	1.230739214	1.258800068	1.28750071	1.316855726	1.346880037	1.377588902	1.408997929
Proj00026-3UG-UGAS									
Proj00026-3UG-UGAS	0.001879969	0.001922833	0.001966673	0.002011513	0.002057376	0.002104284	0.002152262	0.002201333	0.002251524
Proj00026-3UG-UGAS	-1.07202135	-1.096463436	-1.121462803	-1.147032155	-1.173184488	-1.199933094	-1.227291569	-1.255273816	-1.283894059
Proj00027-3UG-ALT1									
Proj00027-3UG-ALT1	0.005964631	0.006100625	0.006239719	0.006381985	0.006527494	0.006676321	0.006828541	0.006984232	0.007143472
Proj00027-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00027-3UG-PAS									
Proj00027-3UG-PAS	0.000748558	0.000765625	0.000783082	0.000800936	0.000819197	0.000837875	0.000856979	0.000876518	0.000896502
Proj00027-3UG-PAS	-0.350030101	-0.358010788	-0.366173434	-0.374522188	-0.383061294	-0.391795091	-0.400728019	-0.409864618	-0.419209532
Proj00027-3UG-UGAS	0.38170908	0.390412047	0.399313442	0.408417788	0.417729714	0.427253951	0.436995341	0.446958835	0.457149496
Proj00027-3UG-UGAS									
Proj00027-3UG-UGAS	0.000748558	0.000765625	0.000783082	0.000800936	0.000819197	0.000837875	0.000856979	0.000876518	0.000896502
Proj00027-3UG-UGAS	-0.350030101	-0.358010788	-0.366173434	-0.374522188	-0.383061294	-0.391795091	-0.400728019	-0.409864618	-0.419209532
Proj00028-3UG-ALT1									
Proj00028-3UG-ALT1	0.014459742	0.014789424	0.015126623	0.01547151	0.01582426	0.016185053	0.016554072	0.016931505	0.017317544
Proj00028-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00028-3UG-PAS									
Proj00028-3UG-PAS	0.004130957	0.004225143	0.004321476	0.004420006	0.004520782	0.004623856	0.00472928	0.004837107	0.004947393
Proj00028-3UG-PAS	-0.928352735	-0.949519178	-0.971168215	-0.99331085	-1.015958338	-1.039122188	-1.062814174	-1.087046337	-1.111830993
Proj00028-3UG-UGAS	1.234786747	1.262939885	1.291734914	1.32118647	1.351309522	1.382119379	1.413631701	1.445862504	1.478828169
Proj00028-3UG-UGAS									
Proj00028-3UG-UGAS	0.001645689	0.001683211	0.001721588	0.00176084	0.001800987	0.00184205	0.001884048	0.001927005	0.00197094
Proj00028-3UG-UGAS	-0.928352735	-0.949519178	-0.971168215	-0.99331085	-1.015958338	-1.039122188	-1.062814174	-1.087046337	-1.111830993

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rru_id	annual_costs_in_year_32	annual_costs_in_year_33	annual_costs_in_year_34	annual_costs_in_year_35	annual_costs_in_year_36	annual_costs_in_year_37	annual_costs_in_year_38	annual_costs_in_year_39	annual_costs_in_year_40
Proj00001-3UG-ALT1									
Proj00001-3UG-ALT1	0.016882094	0.017267006	0.017660693	0.018063357	0.018475202	0.018896436	0.019327275	0.019767937	0.020218646
Proj00001-3UG-ALT1	-0.068659978	-0.070225425	-0.071826565	-0.073464211	-0.075139195	-0.076852368	-0.078604602	-0.080396787	-0.082229834
Proj00001-3UG-PAS									
Proj00001-3UG-PAS	0.002540843	0.002598774	0.002658026	0.002718629	0.002780614	0.002844012	0.002908855	0.002975177	0.003043011
Proj00001-3UG-PAS	-2.244767215	-2.295947907	-2.34829552	-2.401836657	-2.456598533	-2.51260898	-2.569896465	-2.628490104	-2.688419678
Proj00001-3UG-UGAS	2.392395891	2.446942517	2.502732807	2.559795115	2.618158443	2.677852456	2.738907492	2.801354582	2.865225467
Proj00001-3UG-UGAS									
Proj00001-3UG-UGAS	0.002540843	0.002598774	0.002658026	0.002718629	0.002780614	0.002844012	0.002908855	0.002975177	0.003043011
Proj00001-3UG-UGAS	-2.244767215	-2.295947907	-2.34829552	-2.401836657	-2.456598533	-2.51260898	-2.569896465	-2.628490104	-2.688419678
Proj00002-3UG-ALT1									
Proj00002-3UG-ALT1	0.014225241	0.014549577	0.014881307	0.015220601	0.015567631	0.015922573	0.016285607	0.016656919	0.017036697
Proj00002-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00002-3UG-PAS									
Proj00002-3UG-PAS	0.002041109	0.002087647	0.002135245	0.002183929	0.002233722	0.002284651	0.002336741	0.002390019	0.002444511
Proj00002-3UG-PAS	-0.541935854	-0.554291992	-0.566929849	-0.57985585	-0.593076563	-0.606598709	-0.62042916	-0.634574944	-0.649043253
Proj00002-3UG-UGAS	1.083889404	1.108602083	1.13387821	1.159730633	1.186172492	1.213217225	1.240878577	1.269170609	1.298107699
Proj00002-3UG-UGAS									
Proj00002-3UG-UGAS	0.002041109	0.002087647	0.002135245	0.002183929	0.002233722	0.002284651	0.002336741	0.002390019	0.002444511
Proj00002-3UG-UGAS	-0.541935854	-0.554291992	-0.566929849	-0.57985585	-0.593076563	-0.606598709	-0.62042916	-0.634574944	-0.649043253
Proj00003-3UG-ALT1									
Proj00003-3UG-ALT1	0.046218243	0.047272019	0.048349821	0.049452197	0.050579707	0.051732924	0.052912435	0.054118839	0.055352748
Proj00003-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00003-3UG-PAS									
Proj00003-3UG-PAS	0.00806351	0.008247358	0.008435398	0.008627725	0.008824437	0.009025634	0.009231418	0.009441895	0.00965717
Proj00003-3UG-PAS	-2.694513691	-2.755948603	-2.818784231	-2.883052511	-2.948786109	-3.016018432	-3.084783652	-3.155116719	-3.227053381
Proj00003-3UG-UGAS	3.095771007	3.166354586	3.238547471	3.312386353	3.387908762	3.465153082	3.544158572	3.624965387	3.707614598
Proj00003-3UG-UGAS									
Proj00003-3UG-UGAS	0.00806351	0.008247358	0.008435398	0.008627725	0.008824437	0.009025634	0.009231418	0.009441895	0.00965717
Proj00003-3UG-UGAS	-2.694513691	-2.755948603	-2.818784231	-2.883052511	-2.948786109	-3.016018432	-3.084783652	-3.155116719	-3.227053381
Proj00004-3UG-ALT1									
Proj00004-3UG-ALT1	0.002380089	0.002434355	0.002489859	0.002546627	0.002604691	0.00266407	0.002724819	0.002786944	0.002850487
Proj00004-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00004-3UG-PAS									
Proj00004-3UG-PAS	0.000335978	0.000343638	0.000351473	0.000359487	0.000367683	0.000376066	0.000384641	0.00039341	0.00040238
Proj00004-3UG-PAS	-0.096629643	-0.098832799	-0.101086187	-0.103390952	-0.105748265	-0.108159326	-0.110625359	-0.113147617	-0.115727382
Proj00004-3UG-UGAS	0.109228279	0.111718684	0.11426587	0.116871132	0.119535793	0.122261209	0.125048765	0.127899877	0.130815994
Proj00004-3UG-UGAS									
Proj00004-3UG-UGAS	0.000335978	0.000343638	0.000351473	0.000359487	0.000367683	0.000376066	0.000384641	0.00039341	0.00040238
Proj00004-3UG-UGAS	-0.096629643	-0.098832799	-0.101086187	-0.103390952	-0.105748265	-0.108159326	-0.110625359	-0.113147617	-0.115727382
Proj00005-3UG-ALT1									
Proj00005-3UG-ALT1	0.031384107	0.032099664	0.032831537	0.033580096	0.034345722	0.035128804	0.035929741	0.036748939	0.037586815
Proj00005-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00005-3UG-PAS									
Proj00005-3UG-PAS	0.004612717	0.004717887	0.004825455	0.004935475	0.005048004	0.005163098	0.005280817	0.00540122	0.005524368
Proj00005-3UG-PAS	-2.468842169	-2.525131771	-2.582704775	-2.641590444	-2.701818706	-2.763420173	-2.826426153	-2.890868669	-2.956780475
Proj00005-3UG-UGAS	2.589938191	2.648988782	2.709385726	2.771159721	2.834342162	2.898965163	2.965061569	3.032664973	3.101809734
Proj00005-3UG-UGAS									
Proj00005-3UG-UGAS	0.004612717	0.004717887	0.004825455	0.004935475	0.005048004	0.005163098	0.005280817	0.00540122	0.005524368
Proj00005-3UG-UGAS	-2.468842169	-2.525131771	-2.582704775	-2.641590444	-2.701818706	-2.763420173	-2.826426153	-2.890868669	-2.956780475
Proj00006-3UG-ALT1									
Proj00006-3UG-ALT1	0.006808185	0.006963411	0.007122177	0.007284563	0.007450651	0.007620526	0.007794274	0.007971983	0.008153744
Proj00006-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00006-3UG-PAS									
Proj00006-3UG-PAS	0.003394934	0.003472338	0.003551508	0.003632482	0.003715303	0.003800011	0.003886652	0.003975267	0.004065903
Proj00006-3UG-PAS	-0.148452522	-0.15183724	-0.155299129	-0.158839949	-0.1624615	-0.166165622	-0.169954198	-0.173829154	-0.177792459
Proj00006-3UG-UGAS	0.287344353	0.293895804	0.300596628	0.307450231	0.314460097	0.321629787	0.328962946	0.336463301	0.344134664
Proj00006-3UG-UGAS									
Proj00006-3UG-UGAS	0.000405975	0.000415231	0.000424698	0.000434381	0.000444285	0.000454415	0.000464775	0.000475372	0.000486211
Proj00006-3UG-UGAS	-0.148452522	-0.15183724	-0.155299129	-0.158839949	-0.1624615	-0.166165622	-0.169954198	-0.173829154	-0.177792459
Proj00007-3UG-ALT1									
Proj00007-3UG-ALT1	0.045332644	0.046366228	0.047423378	0.048504631	0.049610536	0.050741657	0.051898566	0.053081854	0.05429212
Proj00007-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00007-3UG-PAS									
Proj00007-3UG-PAS	0.039660858	0.040565125	0.04149001	0.042435982	0.043403523	0.044393123	0.045405286	0.046440527	0.047499371
Proj00007-3UG-PAS	-0.125819152	-0.128687828	-0.131621911	-0.13462289	-0.137692292	-0.140831676	-0.144042639	-0.147326811	-0.150685862
Proj00007-3UG-UGAS	1.16350419	1.190032086	1.217164818	1.244916175	1.273300264	1.30233151	1.332024669	1.362394831	1.393457433
Proj00007-3UG-UGAS									
Proj00007-3UG-UGAS	0.000748955	0.000766031	0.000783496	0.00080136	0.000819631	0.000838319	0.000857432	0.000876982	0.000896977
Proj00007-3UG-UGAS	-0.125819152	-0.128687828	-0.131621911	-0.13462289	-0.137692292	-0.140831676	-0.144042639	-0.147326811	-0.150685862

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rru_id	annual_costs_in_year_32	annual_costs_in_year_33	annual_costs_in_year_34	annual_costs_in_year_35	annual_costs_in_year_36	annual_costs_in_year_37	annual_costs_in_year_38	annual_costs_in_year_39	annual_costs_in_year_40
Proj00008-3UG-ALT1									
Proj00008-3UG-ALT1	0.103340678	0.105696845	0.108106733	0.110571567	0.113092599	0.11567111	0.118308411	0.121005843	0.123764776
Proj00008-3UG-ALT1	-0.043016651	-0.043997431	-0.045000573	-0.046026586	-0.047075992	-0.048149324	-0.049247129	-0.050369963	-0.051518399
Proj00008-3UG-PAS									
Proj00008-3UG-PAS	0.065286949	0.066775491	0.068297973	0.069855166	0.071447864	0.073076876	0.074743028	0.076447169	0.078190165
Proj00008-3UG-PAS	-0.591224223	-0.604704135	-0.618491389	-0.632592993	-0.647016113	-0.661768081	-0.676856393	-0.692288719	-0.708072901
Proj00008-3UG-UGAS	1.910573569	1.954134646	1.998688916	2.044259023	2.090868129	2.138539922	2.187298633	2.237169042	2.288176496
Proj00008-3UG-UGAS									
Proj00008-3UG-UGAS	0.010433916	0.01067181	0.010915127	0.011163992	0.011418531	0.011678873	0.011945152	0.012217501	0.01249606
Proj00008-3UG-UGAS	-0.591224223	-0.604704135	-0.618491389	-0.632592993	-0.647016113	-0.661768081	-0.676856393	-0.692288719	-0.708072901
Proj00009-3UG-ALT1									
Proj00009-3UG-ALT1	0.038690463	0.039572606	0.040474861	0.041397688	0.042341556	0.043306943	0.044294341	0.045304252	0.046337189
Proj00009-3UG-ALT1	-0.022510199	-0.023023432	-0.023548366	-0.024085269	-0.024634413	-0.025196078	-0.025770548	-0.026358117	-0.026959082
Proj00009-3UG-PAS									
Proj00009-3UG-PAS	0.008628781	0.008825517	0.009026739	0.009232549	0.009443051	0.009658352	0.009878563	0.010103794	0.01033416
Proj00009-3UG-PAS	-2.155881279	-2.205035373	-2.255310179	-2.306731251	-2.359324724	-2.413117327	-2.468136402	-2.524409912	-2.581966458
Proj00009-3UG-UGAS	2.645488683	2.705805825	2.767498198	2.830597157	2.895134772	2.961143845	3.028657924	3.097711325	3.168339143
Proj00009-3UG-UGAS									
Proj00009-3UG-UGAS	0.006082627	0.006221311	0.006363157	0.006508237	0.006656625	0.006808396	0.006963627	0.007122398	0.007284789
Proj00009-3UG-UGAS	-2.155881279	-2.205035373	-2.255310179	-2.306731251	-2.359324724	-2.413117327	-2.468136402	-2.524409912	-2.581966458
Proj00010-3UG-ALT1									
Proj00010-3UG-ALT1	0.043284603	0.044271492	0.045280882	0.046313286	0.047369229	0.048449248	0.04955389	0.050683719	0.051839308
Proj00010-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00010-3UG-PAS									
Proj00010-3UG-PAS	0.011901397	0.012172749	0.012450288	0.012734154	0.013024493	0.013321452	0.013625181	0.013935835	0.014253572
Proj00010-3UG-PAS	-0.776380336	-0.794081807	-0.812186873	-0.830704733	-0.849644801	-0.869016703	-0.888830283	-0.909095614	-0.929822994
Proj00010-3UG-UGAS	1.213735943	1.241409123	1.269713251	1.298662713	1.328272222	1.358556829	1.389531925	1.421213253	1.453616915
Proj00010-3UG-UGAS									
Proj00010-3UG-UGAS	0.005480663	0.005605623	0.005733431	0.005864153	0.005997856	0.006134607	0.006274476	0.006417534	0.006563854
Proj00010-3UG-UGAS	-0.776380336	-0.794081807	-0.812186873	-0.830704733	-0.849644801	-0.869016703	-0.888830283	-0.909095614	-0.929822994
Proj00011-3UG-ALT1									
Proj00011-3UG-ALT1	0.026623915	0.02723094	0.027851806	0.028486827	0.029136327	0.029800635	0.030480089	0.031175035	0.031885826
Proj00011-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00011-3UG-PAS									
Proj00011-3UG-PAS	0.004192744	0.004288339	0.004386113	0.004486116	0.0045884	0.004693015	0.004800016	0.004909456	0.005021392
Proj00011-3UG-PAS	-1.820717171	-1.862229523	-1.904688356	-1.94811525	-1.992532278	-2.037962014	-2.084427548	-2.131952496	-2.180561013
Proj00011-3UG-UGAS	3.738800417	3.824045067	3.911233294	4.000409413	4.091618748	4.184907655	4.28032355	4.377914927	4.477731387
Proj00011-3UG-UGAS									
Proj00011-3UG-UGAS	0.004192744	0.004288339	0.004386113	0.004486116	0.0045884	0.004693015	0.004800016	0.004909456	0.005021392
Proj00011-3UG-UGAS	-1.820717171	-1.862229523	-1.904688356	-1.94811525	-1.992532278	-2.037962014	-2.084427548	-2.131952496	-2.180561013
Proj00012-3UG-ALT1									
Proj00012-3UG-ALT1	0.026845327	0.027457401	0.02808343	0.028723732	0.029378633	0.030048466	0.030733571	0.031434296	0.032150998
Proj00012-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00012-3UG-PAS									
Proj00012-3UG-PAS	0.011280179	0.011537367	0.011800419	0.012069469	0.012344653	0.012626111	0.012913986	0.013208425	0.013509577
Proj00012-3UG-PAS	-0.934056055	-0.955352533	-0.97713457	-0.999413239	-1.02219986	-1.045506017	-1.069343554	-1.093724587	-1.118661508
Proj00012-3UG-UGAS	1.410515361	1.442675111	1.475568104	1.509211057	1.543621069	1.578815629	1.614812625	1.651630353	1.689287525
Proj00012-3UG-UGAS									
Proj00012-3UG-UGAS	0.003807769	0.003894586	0.003983382	0.004074203	0.004167095	0.004262105	0.004359281	0.004458673	0.00456033
Proj00012-3UG-UGAS	-0.934056055	-0.955352533	-0.97713457	-0.999413239	-1.02219986	-1.045506017	-1.069343554	-1.093724587	-1.118661508
Proj00013-3UG-ALT1									
Proj00013-3UG-ALT1	0.042731106	0.043705375	0.044701858	0.04572106	0.046763501	0.047829708	0.048920226	0.050035607	0.051176419
Proj00013-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00013-3UG-PAS									
Proj00013-3UG-PAS	0.007425901	0.007595212	0.007768382	0.007945502	0.008126659	0.008311947	0.008501459	0.008695292	0.008893545
Proj00013-3UG-PAS	-1.600644464	-1.637139158	-1.674465931	-1.712643754	-1.751692032	-1.79163061	-1.832479788	-1.874260327	-1.916993462
Proj00013-3UG-UGAS	1.900883291	1.94422343	1.988551724	2.033890704	2.080263412	2.127693418	2.176204827	2.225822298	2.276571046
Proj00013-3UG-UGAS									
Proj00013-3UG-UGAS	0.00737055	0.007538598	0.007710478	0.007886277	0.008066084	0.008249991	0.008438091	0.008630479	0.008827254
Proj00013-3UG-UGAS	-1.600644464	-1.637139158	-1.674465931	-1.712643754	-1.751692032	-1.79163061	-1.832479788	-1.874260327	-1.916993462
Proj00014-3UG-ALT1									
Proj00014-3UG-ALT1	0.006974265	0.007133278	0.007295917	0.007462264	0.007632403	0.007806422	0.007984409	0.008166453	0.008352648
Proj00014-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00014-3UG-PAS									
Proj00014-3UG-PAS	0.000881948	0.000902057	0.000922624	0.000943659	0.000965175	0.000987181	0.001009689	0.001032709	0.001056255
Proj00014-3UG-PAS	-0.387041229	-0.395865769	-0.404891508	-0.414123035	-0.42356504	-0.433222323	-0.443099792	-0.453202467	-0.463535483
Proj00014-3UG-UGAS	0.448401331	0.458624881	0.469081529	0.479776587	0.490715494	0.501903807	0.513347214	0.52505153	0.537022705
Proj00014-3UG-UGAS									
Proj00014-3UG-UGAS	0.000881948	0.000902057	0.000922624	0.000943659	0.000965175	0.000987181	0.001009689	0.001032709	0.001056255
Proj00014-3UG-UGAS	-0.387041229	-0.395865769	-0.404891508	-0.414123035	-0.42356504	-0.433222323	-0.443099792	-0.453202467	-0.463535483
Proj00015-3UG-ALT1									
Proj00015-3UG-ALT1	0.126311408	0.129191308	0.132136869	0.13514959	0.138231001	0.141382668	0.144606192	0.147903214	0.151275407
Proj00015-3UG-ALT1	-0.064113522	-0.06557531	-0.067070427	-0.068599633	-0.070163704	-0.071763437	-0.073399643	-0.075073155	-0.076784823
Proj00015-3UG-PAS									
Proj00015-3UG-PAS	0.037409716	0.038262658	0.039135046	0.040027325	0.040939948	0.041873379	0.042828092	0.043804573	0.044803317
Proj00015-3UG-PAS	-2.165022564	-2.214385078	-2.264873058	-2.316512164	-2.369328641	-2.423349334	-2.478601699	-2.535113818	-2.592914413
Proj00015-3UG-UGAS	3.175981974	3.248394363	3.322457754	3.398209791	3.475688974	3.554934683	3.635987193	3.718887701	3.803678341
Proj00015-3UG-UGAS									
Proj00015-3UG-UGAS	0.01659767	0.016976097	0.017363152	0.017759032	0.018163938	0.018578076	0.019001656	0.019434893	0.019878009
Proj00015-3UG-UGAS	-2.165022564	-2.214385078	-2.264873058	-2.316512164	-2.369328641	-2.423349334	-2.478601699	-2.535113818	-2.592914413
Proj00016-3UG-ALT1									

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rru_id	annual_costs_in_year_32	annual_costs_in_year_33	annual_costs_in_year_34	annual_costs_in_year_35	annual_costs_in_year_36	annual_costs_in_year_37	annual_costs_in_year_38	annual_costs_in_year_39	annual_costs_in_year_40
Proj00016-3UG-ALT1	0.142252531	0.145495888	0.148813195	0.152206135	0.155676435	0.159225858	0.162856208	0.166569329	0.17036711
Proj00016-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00016-3UG-PAS									
Proj00016-3UG-PAS	0.13598636	0.139086849	0.142258029	0.145501512	0.148818947	0.152212019	0.155682453	0.159232013	0.162862503
Proj00016-3UG-PAS	-0.143269035	-0.146535569	-0.14987658	-0.153293766	-0.156788863	-0.16036365	-0.164019941	-0.167759595	-0.171584514
Proj00016-3UG-UGAS	3.324740651	3.400544737	3.478077158	3.557377317	3.63848552	3.721442989	3.80629189	3.893075345	3.981837462
Proj00016-3UG-UGAS									
Proj00016-3UG-UGAS	0.001482995	0.001516807	0.00155139	0.001586762	0.00162294	0.001659943	0.00169779	0.001736499	0.001776092
Proj00016-3UG-UGAS	-0.143269035	-0.146535569	-0.14987658	-0.153293766	-0.156788863	-0.16036365	-0.164019941	-0.167759595	-0.171584514
Proj00017-3UG-ALT1									
Proj00017-3UG-ALT1	0.040129591	0.041044545	0.041980361	0.042937513	0.043916488	0.044917784	0.04594191	0.046989385	0.048060743
Proj00017-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00017-3UG-PAS									
Proj00017-3UG-PAS	0.02652954	0.027134414	0.027753078	0.028385849	0.029033046	0.029694999	0.030372045	0.031064528	0.031772799
Proj00017-3UG-PAS	-0.678591807	-0.694063701	-0.709888353	-0.726073807	-0.74262829	-0.759560215	-0.776878188	-0.794591011	-0.812707686
Proj00017-3UG-UGAS	2.031107885	2.077417145	2.124782255	2.173227291	2.222776873	2.273456186	2.325290987	2.378307621	2.432533035
Proj00017-3UG-UGAS									
Proj00017-3UG-UGAS	0.002617839	0.002677526	0.002738574	0.002801013	0.002864876	0.002930196	0.002997004	0.003065336	0.003135225
Proj00017-3UG-UGAS	-0.678591807	-0.694063701	-0.709888353	-0.726073807	-0.74262829	-0.759560215	-0.776878188	-0.794591011	-0.812707686
Proj00018-3UG-ALT1									
Proj00018-3UG-ALT1	0.013007519	0.01330409	0.013607423	0.013917673	0.014234996	0.014559554	0.014891511	0.015231038	0.015578306
Proj00018-3UG-ALT1	-0.006018303	-0.00615552	-0.006295866	-0.006439412	-0.006586231	-0.006736397	-0.006889986	-0.007047078	-0.007207752
Proj00018-3UG-PAS									
Proj00018-3UG-PAS	0.001721894	0.001761153	0.001801307	0.001842377	0.001884383	0.001927347	0.001971291	0.002016236	0.002062206
Proj00018-3UG-PAS	-0.560838949	-0.573626077	-0.586704752	-0.60008162	-0.613763481	-0.627757289	-0.642070155	-0.656709354	-0.671682328
Proj00018-3UG-UGAS	0.756620182	0.773871123	0.791515384	0.809561935	0.828019947	0.846898802	0.866208095	0.885957639	0.906157473
Proj00018-3UG-UGAS									
Proj00018-3UG-UGAS	0.001721894	0.001761153	0.001801307	0.001842377	0.001884383	0.001927347	0.001971291	0.002016236	0.002062206
Proj00018-3UG-UGAS	-0.560838949	-0.573626077	-0.586704752	-0.60008162	-0.613763481	-0.627757289	-0.642070155	-0.656709354	-0.671682328
Proj00019-3UG-ALT1									
Proj00019-3UG-ALT1	0.047214563	0.048291055	0.049392091	0.05051823	0.051670046	0.052848123	0.05405306	0.05528547	0.056545979
Proj00019-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00019-3UG-PAS									
Proj00019-3UG-PAS	0.007853522	0.008032583	0.008215725	0.008403044	0.008594633	0.008790591	0.008991016	0.009196012	0.009405681
Proj00019-3UG-PAS	-2.202321247	-2.252534171	-2.30389195	-2.356420687	-2.410147078	-2.465098432	-2.521302676	-2.578788377	-2.637584752
Proj00019-3UG-UGAS	2.616983092	2.676650306	2.737677933	2.80009699	2.863939201	2.929237015	2.996023619	3.064332957	3.134199749
Proj00019-3UG-UGAS									
Proj00019-3UG-UGAS	0.007853522	0.008032583	0.008215725	0.008403044	0.008594633	0.008790591	0.008991016	0.009196012	0.009405681
Proj00019-3UG-UGAS	-2.202321247	-2.252534171	-2.30389195	-2.356420687	-2.410147078	-2.465098432	-2.521302676	-2.578788377	-2.637584752
Proj00020-3UG-ALT1									
Proj00020-3UG-ALT1	0.0271221	0.027740484	0.028372967	0.02901987	0.029681523	0.030358262	0.03105043	0.03175838	0.032482471
Proj00020-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00020-3UG-PAS									
Proj00020-3UG-PAS	0.003842769	0.003930384	0.004019997	0.004111653	0.004205398	0.004301281	0.004399351	0.004499656	0.004602248
Proj00020-3UG-PAS	-1.901395874	-1.9447477	-1.989087948	-2.034439153	-2.080824366	-2.128267161	-2.176791652	-2.226422502	-2.277184935
Proj00020-3UG-UGAS	2.090740911	2.138409804	2.187165547	2.237032922	2.288037272	2.340204522	2.393561185	2.44813438	2.503951844
Proj00020-3UG-UGAS									
Proj00020-3UG-UGAS	0.003842769	0.003930384	0.004019997	0.004111653	0.004205398	0.004301281	0.004399351	0.004499656	0.004602248
Proj00020-3UG-UGAS	-1.901395874	-1.9447477	-1.989087948	-2.034439153	-2.080824366	-2.128267161	-2.176791652	-2.226422502	-2.277184935
Proj00021-3UG-ALT1									
Proj00021-3UG-ALT1	0.11064701	0.113169762	0.115750033	0.118389133	0.121088406	0.123849221	0.126672984	0.129561128	0.132515121
Proj00021-3UG-ALT1	-0.024340808	-0.024895779	-0.025463403	-0.026043968	-0.026637771	-0.027245112	-0.0278663	-0.028501652	-0.02915149
Proj00021-3UG-PAS									
Proj00021-3UG-PAS	0.016379002	0.016752443	0.017134399	0.017525063	0.017924634	0.018333316	0.018751316	0.019178846	0.019616123
Proj00021-3UG-PAS	-2.79515952	-2.858889157	-2.92407183	-2.990740667	-3.058929555	-3.128673149	-3.200006896	-3.272967054	-3.347590702
Proj00021-3UG-UGAS	3.268415606	3.342935482	3.419154411	3.497111131	3.576845265	3.658397337	3.741808796	3.827122037	3.914380419
Proj00021-3UG-UGAS									
Proj00021-3UG-UGAS	0.016379002	0.016752443	0.017134399	0.017525063	0.017924634	0.018333316	0.018751316	0.019178846	0.019616123
Proj00021-3UG-UGAS	-2.79515952	-2.858889157	-2.92407183	-2.990740667	-3.058929555	-3.128673149	-3.200006896	-3.272967054	-3.347590702
Proj00022-3UG-ALT1									
Proj00022-3UG-ALT1	0.013339635	0.013643779	0.013954857	0.014273027	0.014598453	0.014931297	0.015271731	0.015619926	0.015976061
Proj00022-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00022-3UG-PAS									
Proj00022-3UG-PAS	0.01198579	0.012259066	0.012538573	0.012824452	0.01311685	0.013415914	0.013721797	0.014034654	0.014354644
Proj00022-3UG-PAS	-0.028357676	-0.029004231	-0.029665528	-0.030341902	-0.031033697	-0.031741265	-0.032464966	-0.033205167	-0.033962245
Proj00022-3UG-UGAS	0.309542242	0.316599805	0.32381828	0.331201337	0.338752728	0.34647629	0.354375949	0.362455721	0.370719711
Proj00022-3UG-UGAS									
Proj00022-3UG-UGAS	0.000195988	0.000200457	0.000205027	0.000209702	0.000214483	0.000219373	0.000224375	0.00022949	0.000234723
Proj00022-3UG-UGAS	-0.028357676	-0.029004231	-0.029665528	-0.030341902	-0.031033697	-0.031741265	-0.032464966	-0.033205167	-0.033962245
Proj00023-3UG-ALT1									
Proj00023-3UG-ALT1	0.136772783	0.139891203	0.143080722	0.146342962	0.149679582	0.153092276	0.15658278	0.160152868	0.163804353
Proj00023-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00023-3UG-PAS									
Proj00023-3UG-PAS	0.024485601	0.025043873	0.025614874	0.026198893	0.026796227	0.027407181	0.028032065	0.028671196	0.029324899
Proj00023-3UG-PAS	-6.155091698	-6.295427789	-6.438963542	-6.585771911	-6.735927511	-6.889506658	-7.04658741	-7.207249603	-7.371574893
Proj00023-3UG-UGAS	6.731217839	6.884689606	7.041660529	7.202210389	7.366420786	7.53437518	7.706158934	7.881859358	8.061565751
Proj00023-3UG-UGAS									
Proj00023-3UG-UGAS	0.023378578	0.023911609	0.024456794	0.025014409	0.025584737	0.026168069	0.026764701	0.027374937	0.027999085
Proj00023-3UG-UGAS	-6.155091698	-6.295427789	-6.438963542	-6.585771911	-6.735927511	-6.889506658	-7.04658741	-7.207249603	-7.371574893
Proj00024-3UG-ALT1									
Proj00024-3UG-ALT1	0.006310038	0.006453907	0.006601056	0.00675156	0.006905496	0.007062941	0.007223976	0.007388683	0.007557145

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rru_id	annual_costs_in_year_32	annual_costs_in_year_33	annual_costs_in_year_34	annual_costs_in_year_35	annual_costs_in_year_36	annual_costs_in_year_37	annual_costs_in_year_38	annual_costs_in_year_39	annual_costs_in_year_40
Proj00024-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00024-3UG-PAS									
Proj00024-3UG-PAS	0.000860948	0.000880578	0.000900655	0.00092119	0.000942193	0.000963675	0.000985647	0.001008119	0.001031104
Proj00024-3UG-PAS	-0.438948506	-0.448956532	-0.459192741	-0.469662336	-0.480370637	-0.491323087	-0.502525254	-0.51398283	-0.525701638
Proj00024-3UG-UGAS	0.492205762	0.503428054	0.514906214	0.526646075	0.538653606	0.550934908	0.563496224	0.576343938	0.589484579
Proj00024-3UG-UGAS									
Proj00024-3UG-UGAS	0.000860948	0.000880578	0.000900655	0.00092119	0.000942193	0.000963675	0.000985647	0.001008119	0.001031104
Proj00024-3UG-UGAS	-0.438948506	-0.448956532	-0.459192741	-0.469662336	-0.480370637	-0.491323087	-0.502525254	-0.51398283	-0.525701638
Proj00025-3UG-ALT1									
Proj00025-3UG-ALT1	0.015719752	0.016078162	0.016444744	0.016819685	0.017203173	0.017595406	0.017996581	0.018406903	0.01882658
Proj00025-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00025-3UG-PAS									
Proj00025-3UG-PAS	0.00250585	0.002562983	0.002621419	0.002681188	0.002742319	0.002804844	0.002868794	0.002934203	0.003001102
Proj00025-3UG-PAS	-0.936980748	-0.958343909	-0.98019415	-1.002542577	-1.025400548	-1.04877968	-1.072691857	-1.097149231	-1.122164234
Proj00025-3UG-UGAS	1.075149156	1.099662557	1.124734863	1.150378818	1.176607455	1.203434105	1.230872402	1.258936293	1.287640041
Proj00025-3UG-UGAS									
Proj00025-3UG-UGAS	0.00250585	0.002562983	0.002621419	0.002681188	0.002742319	0.002804844	0.002868794	0.002934203	0.003001102
Proj00025-3UG-UGAS	-0.936980748	-0.958343909	-0.98019415	-1.002542577	-1.025400548	-1.04877968	-1.072691857	-1.097149231	-1.122164234
Proj00026-3UG-ALT1									
Proj00026-3UG-ALT1	0.01876404	0.01919186	0.019629435	0.020076986	0.020534741	0.021002933	0.0214818	0.021971585	0.022472537
Proj00026-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00026-3UG-PAS									
Proj00026-3UG-PAS	0.002302858	0.002355364	0.002409066	0.002463993	0.002520172	0.002577632	0.002636402	0.002696511	0.002757992
Proj00026-3UG-PAS	-1.313166844	-1.343107048	-1.373729889	-1.40505093	-1.437086091	-1.469851654	-1.503364272	-1.537640977	-1.572699192
Proj00026-3UG-UGAS	1.441123081	1.473980688	1.507587447	1.541960441	1.577117139	1.61307541	1.649853529	1.68747019	1.72594451
Proj00026-3UG-UGAS									
Proj00026-3UG-UGAS	0.002302858	0.002355364	0.002409066	0.002463993	0.002520172	0.002577632	0.002636402	0.002696511	0.002757992
Proj00026-3UG-UGAS	-1.313166844	-1.343107048	-1.373729889	-1.40505093	-1.437086091	-1.469851654	-1.503364272	-1.537640977	-1.572699192
Proj00027-3UG-ALT1									
Proj00027-3UG-ALT1	0.007306344	0.007472928	0.007643311	0.007817578	0.007995819	0.008178124	0.008364585	0.008555298	0.008750358
Proj00027-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00027-3UG-PAS									
Proj00027-3UG-PAS	0.000916943	0.000937849	0.000959232	0.000981102	0.001003471	0.001026351	0.001049751	0.001073686	0.001098166
Proj00027-3UG-PAS	-0.428767509	-0.438543408	-0.448542198	-0.45876896	-0.469228892	-0.479927311	-0.490869654	-0.502061482	-0.513508484
Proj00027-3UG-UGAS	0.467572505	0.478233158	0.489136874	0.500289195	0.511695788	0.523362452	0.535295116	0.547499845	0.559982842
Proj00027-3UG-UGAS									
Proj00027-3UG-UGAS	0.000916943	0.000937849	0.000959232	0.000981102	0.001003471	0.001026351	0.001049751	0.001073686	0.001098166
Proj00027-3UG-UGAS	-0.428767509	-0.438543408	-0.448542198	-0.45876896	-0.469228892	-0.479927311	-0.490869654	-0.502061482	-0.513508484
Proj00028-3UG-ALT1									
Proj00028-3UG-ALT1	0.017712384	0.018116226	0.018529276	0.018951743	0.019383843	0.019825795	0.020277823	0.020740157	0.021213033
Proj00028-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00028-3UG-PAS									
Proj00028-3UG-PAS	0.005060194	0.005175566	0.005293569	0.005414262	0.005537708	0.005663967	0.005793106	0.005925189	0.006060283
Proj00028-3UG-PAS	-1.13718074	-1.163108461	-1.189627334	-1.216750837	-1.244492756	-1.272867191	-1.301888563	-1.331571622	-1.361931455
Proj00028-3UG-UGAS	1.512545451	1.547031487	1.582303805	1.618380332	1.655279403	1.693019774	1.731620625	1.771101575	1.811482691
Proj00028-3UG-UGAS									
Proj00028-3UG-UGAS	0.002015878	0.00206184	0.00210885	0.002156932	0.00220611	0.002256409	0.002307855	0.002360474	0.002414293
Proj00028-3UG-UGAS	-1.13718074	-1.163108461	-1.189627334	-1.216750837	-1.244492756	-1.272867191	-1.301888563	-1.331571622	-1.361931455

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rru_id	annual_costs_in_year_41	annual_costs_in_year_42	annual_costs_in_year_43	annual_costs_in_year_44	annual_costs_in_year_45	annual_costs_in_year_46	annual_costs_in_year_47	annual_costs_in_year_48	annual_costs_in_year_49
Proj00001-3UG-ALT1									
Proj00001-3UG-ALT1	0.020679631	0.021151127	0.021633372	0.022126613	0.0226311	0.023147089	0.023674843	0.024214629	0.024766723
Proj00001-3UG-ALT1	-0.084104674	-0.086022261	-0.087983568	-0.089989594	-0.092041356	-0.094139899	-0.096286289	-0.098481616	-0.100726997
Proj00001-3UG-PAS									
Proj00001-3UG-PAS	0.003112392	0.003183354	0.003255935	0.00333017	0.003406098	0.003483757	0.003563187	0.003644427	0.00372752
Proj00001-3UG-PAS	-2.749715647	-2.812409164	-2.876532093	-2.942117024	-3.009197292	-3.077806991	-3.14798099	-3.219754957	-3.29316537
Proj00001-3UG-UGAS	2.930552608	2.997369207	3.065709225	3.135607395	3.207099244	3.280221107	3.355010148	3.431504379	3.509742679
Proj00001-3UG-UGAS									
Proj00001-3UG-UGAS	0.003112392	0.003183354	0.003255935	0.00333017	0.003406098	0.003483757	0.003563187	0.003644427	0.00372752
Proj00001-3UG-UGAS	-2.749715647	-2.812409164	-2.876532093	-2.942117024	-3.009197292	-3.077806991	-3.14798099	-3.219754957	-3.29316537
Proj00002-3UG-ALT1									
Proj00002-3UG-ALT1	0.017425134	0.017822427	0.018228778	0.018644394	0.019069486	0.019504271	0.019948968	0.020403805	0.020869011
Proj00002-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00002-3UG-PAS									
Proj00002-3UG-PAS	0.002500246	0.002557252	0.002615557	0.002675192	0.002736186	0.002798571	0.002862379	0.002927641	0.002994391
Proj00002-3UG-PAS	-0.663841439	-0.678977024	-0.6944577	-0.710291336	-0.726485978	-0.743049859	-0.759991395	-0.777319199	-0.795042077
Proj00002-3UG-UGAS	1.327704554	1.357976218	1.388938076	1.420605864	1.452995678	1.486123979	1.520007606	1.554663779	1.590110113
Proj00002-3UG-UGAS									
Proj00002-3UG-UGAS	0.002500246	0.002557252	0.002615557	0.002675192	0.002736186	0.002798571	0.002862379	0.002927641	0.002994391
Proj00002-3UG-UGAS	-0.663841439	-0.678977024	-0.6944577	-0.710291336	-0.726485978	-0.743049859	-0.759991395	-0.777319199	-0.795042077
Proj00003-3UG-ALT1									
Proj00003-3UG-ALT1	0.056614791	0.057905608	0.059225856	0.060576205	0.061957343	0.06336997	0.064814805	0.066292583	0.067804054
Proj00003-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00003-3UG-PAS									
Proj00003-3UG-PAS	0.009877353	0.010102557	0.010332895	0.010568485	0.010809447	0.011055902	0.011307977	0.011565799	0.011829499
Proj00003-3UG-PAS	-3.300630198	-3.375884566	-3.452854734	-3.531579822	-3.612099842	-3.694455719	-3.778689309	-3.864843425	-3.952961855
Proj00003-3UG-UGAS	3.792148211	3.87860919	3.96704148	4.057490026	4.150000798	4.244620816	4.341398171	4.440382049	4.54162276
Proj00003-3UG-UGAS									
Proj00003-3UG-UGAS	0.009877353	0.010102557	0.010332895	0.010568485	0.010809447	0.011055902	0.011307977	0.011565799	0.011829499
Proj00003-3UG-UGAS	-3.300630198	-3.375884566	-3.452854734	-3.531579822	-3.612099842	-3.694455719	-3.778689309	-3.864843425	-3.952961855
Proj00004-3UG-ALT1									
Proj00004-3UG-ALT1	0.002915478	0.002981951	0.003049939	0.003119478	0.003190602	0.003263348	0.003337752	0.003413853	0.003491689
Proj00004-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00004-3UG-PAS									
Proj00004-3UG-PAS	0.000411554	0.000420938	0.000430535	0.000440351	0.000450391	0.00046066	0.000471163	0.000481906	0.000492893
Proj00004-3UG-PAS	-0.118365967	-0.121064711	-0.123824986	-0.126648196	-0.129535775	-0.13248919	-0.135509944	-0.138599571	-0.141759641
Proj00004-3UG-UGAS	0.133798599	0.136849207	0.139969369	0.14316067	0.146424734	0.149763217	0.153177819	0.156670273	0.160242355
Proj00004-3UG-UGAS									
Proj00004-3UG-UGAS	0.000411554	0.000420938	0.000430535	0.000440351	0.000450391	0.00046066	0.000471163	0.000481906	0.000492893
Proj00004-3UG-UGAS	-0.118365967	-0.121064711	-0.123824986	-0.126648196	-0.129535775	-0.13248919	-0.135509944	-0.138599571	-0.141759641
Proj00005-3UG-ALT1									
Proj00005-3UG-ALT1	0.038443794	0.039320313	0.040216816	0.041133759	0.042071609	0.043030842	0.044011945	0.045015417	0.046041769
Proj00005-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00005-3UG-PAS									
Proj00005-3UG-PAS	0.005650323	0.00577915	0.005910915	0.006045684	0.006183526	0.00632451	0.006468709	0.006616195	0.006767045
Proj00005-3UG-PAS	-3.024195069	-3.093146717	-3.163670462	-3.235802149	-3.309578438	-3.385036826	-3.462215666	-3.541154183	-3.621892498
Proj00005-3UG-UGAS	3.172530996	3.244864703	3.318847618	3.394517344	3.471912339	3.551071941	3.632036381	3.71484681	3.799545318
Proj00005-3UG-UGAS									
Proj00005-3UG-UGAS	0.005650323	0.00577915	0.005910915	0.006045684	0.006183526	0.00632451	0.006468709	0.006616195	0.006767045
Proj00005-3UG-UGAS	-3.024195069	-3.093146717	-3.163670462	-3.235802149	-3.309578438	-3.385036826	-3.462215666	-3.541154183	-3.621892498
Proj00006-3UG-ALT1									
Proj00006-3UG-ALT1	0.00833965	0.008529794	0.008724273	0.008923186	0.009126635	0.009334722	0.009547554	0.009765238	0.009987886
Proj00006-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00006-3UG-PAS									
Proj00006-3UG-PAS	0.004158606	0.004253422	0.0043504	0.004449589	0.00455104	0.004654804	0.004760933	0.004869483	0.004980507
Proj00006-3UG-PAS	-0.181846127	-0.185992218	-0.190232841	-0.19457015	-0.199006349	-0.203543694	-0.20818449	-0.212931096	-0.217785925
Proj00006-3UG-UGAS	0.351980935	0.3600061	0.368214239	0.376609524	0.385196221	0.393978695	0.402961409	0.412148929	0.421545925
Proj00006-3UG-UGAS									
Proj00006-3UG-UGAS	0.000497296	0.000508635	0.000520232	0.000532093	0.000544225	0.000556633	0.000569324	0.000582305	0.000595581
Proj00006-3UG-UGAS	-0.181846127	-0.185992218	-0.190232841	-0.19457015	-0.199006349	-0.203543694	-0.20818449	-0.212931096	-0.217785925
Proj00007-3UG-ALT1									
Proj00007-3UG-ALT1	0.05552998	0.056796064	0.058091014	0.059415489	0.060770163	0.062155722	0.063572873	0.065022334	0.066504843
Proj00007-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00007-3UG-PAS									
Proj00007-3UG-PAS	0.048582356	0.049690034	0.050822967	0.051981731	0.053166914	0.05437912	0.055618964	0.056887076	0.058184101
Proj00007-3UG-PAS	-0.1541215	-0.15763547	-0.161229559	-0.164905593	-0.16866544	-0.172511012	-0.176444263	-0.180467192	-0.184581844
Proj00007-3UG-UGAS	1.425228263	1.457723467	1.490959562	1.52495344	1.559722379	1.595284049	1.631656525	1.668858294	1.706908263
Proj00007-3UG-UGAS									
Proj00007-3UG-UGAS	0.000917428	0.000938346	0.00095974	0.000981622	0.001004003	0.001026894	0.001050307	0.001074254	0.001098747
Proj00007-3UG-UGAS	-0.1541215	-0.15763547	-0.161229559	-0.164905593	-0.16866544	-0.172511012	-0.176444263	-0.180467192	-0.184581844

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rru_id	annual_costs_in_year_41	annual_costs_in_year_42	annual_costs_in_year_43	annual_costs_in_year_44	annual_costs_in_year_45	annual_costs_in_year_46	annual_costs_in_year_47	annual_costs_in_year_48	annual_costs_in_year_49
Proj00008-3UG-ALT1									
Proj00008-3UG-ALT1	0.126586613	0.129472788	0.132424768	0.135444052	0.138532177	0.14169071	0.144921258	0.148225463	0.151605004
Proj00008-3UG-ALT1	-0.052693018	-0.053894419	-0.055123212	-0.056380021	-0.057665485	-0.058980258	-0.060325008	-0.061700419	-0.063107188
Proj00008-3UG-PAS									
Proj00008-3UG-PAS	0.079972901	0.081796283	0.083661238	0.085568714	0.087519681	0.08951513	0.091556075	0.093643553	0.095778626
Proj00008-3UG-PAS	-0.724216964	-0.74072911	-0.757617734	-0.774891418	-0.792558943	-0.810629287	-0.829111634	-0.84801538	-0.86735013
Proj00008-3UG-UGAS	2.34034692	2.39370683	2.448283345	2.504104206	2.561197781	2.619593091	2.679319813	2.740408305	2.802889614
Proj00008-3UG-UGAS									
Proj00008-3UG-UGAS	0.01278097	0.013072377	0.013370427	0.013675272	0.013987069	0.014305974	0.01463215	0.014965763	0.015306982
Proj00008-3UG-UGAS	-0.724216964	-0.74072911	-0.757617734	-0.774891418	-0.792558943	-0.810629287	-0.829111634	-0.84801538	-0.86735013
Proj00009-3UG-ALT1									
Proj00009-3UG-ALT1	0.047393677	0.048474253	0.049579466	0.050709878	0.051866063	0.053048609	0.054258118	0.055495203	0.056760493
Proj00009-3UG-ALT1	-0.027573749	-0.02820243	-0.028845446	-0.029503122	-0.030175793	-0.030863801	-0.031567496	-0.032287235	-0.033023384
Proj00009-3UG-PAS									
Proj00009-3UG-PAS	0.010569779	0.01081077	0.011057256	0.011309361	0.011567215	0.011830947	0.012100693	0.012376589	0.012658775
Proj00009-3UG-PAS	-2.640835294	-2.701046338	-2.762630195	-2.825618163	-2.890042257	-2.955935221	-3.023330544	-3.09226248	-3.162766065
Proj00009-3UG-UGAS	3.240577276	3.314462437	3.390032181	3.467324915	3.546379923	3.627237385	3.709938397	3.794524993	3.881040163
Proj00009-3UG-UGAS									
Proj00009-3UG-UGAS	0.007450882	0.007620762	0.007794516	0.00797223	0.008153997	0.008339908	0.008530058	0.008724544	0.008923463
Proj00009-3UG-UGAS	-2.640835294	-2.701046338	-2.762630195	-2.825618163	-2.890042257	-2.955935221	-3.023330544	-3.09226248	-3.162766065
Proj00010-3UG-ALT1									
Proj00010-3UG-ALT1	0.053021244	0.054230128	0.055466575	0.056731213	0.058024685	0.059347648	0.060700774	0.062084752	0.063500284
Proj00010-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00010-3UG-PAS									
Proj00010-3UG-PAS	0.014578553	0.014910944	0.015250914	0.015598635	0.015954284	0.016318041	0.016690093	0.017070627	0.017459837
Proj00010-3UG-PAS	-0.951022958	-0.972706282	-0.994883985	-1.01756734	-1.040767875	-1.064497383	-1.088767923	-1.113591832	-1.138981725
Proj00010-3UG-UGAS	1.486759381	1.520657494	1.555328485	1.590789975	1.627059986	1.664156954	1.702099732	1.740907606	1.7806003
Proj00010-3UG-UGAS									
Proj00010-3UG-UGAS	0.006713509	0.006866577	0.007023135	0.007183263	0.007347041	0.007514554	0.007685886	0.007861124	0.008040357
Proj00010-3UG-UGAS	-0.951022958	-0.972706282	-0.994883985	-1.01756734	-1.040767875	-1.064497383	-1.088767923	-1.113591832	-1.138981725
Proj00011-3UG-ALT1									
Proj00011-3UG-ALT1	0.032612823	0.033356395	0.034116921	0.034894787	0.035690388	0.036504129	0.037336423	0.038187694	0.039058373
Proj00011-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00011-3UG-PAS									
Proj00011-3UG-PAS	0.005135879	0.005252978	0.005372745	0.005495244	0.005620536	0.005748684	0.005879754	0.006013812	0.006150927
Proj00011-3UG-PAS	-2.230277804	-2.281128138	-2.333137859	-2.386333403	-2.440741804	-2.496390717	-2.553308426	-2.611523858	-2.671066602
Proj00011-3UG-UGAS	4.579823663	4.684243642	4.791044397	4.90028021	5.012006598	5.126280349	5.243159541	5.362703578	5.48497322
Proj00011-3UG-UGAS									
Proj00011-3UG-UGAS	0.005135879	0.005252978	0.005372745	0.005495244	0.005620536	0.005748684	0.005879754	0.006013812	0.006150927
Proj00011-3UG-UGAS	-2.230277804	-2.281128138	-2.333137859	-2.386333403	-2.440741804	-2.496390717	-2.553308426	-2.611523858	-2.671066602
Proj00012-3UG-ALT1									
Proj00012-3UG-ALT1	0.032884041	0.033633797	0.034400648	0.035184982	0.0359872	0.036807708	0.037646924	0.038505274	0.039383194
Proj00012-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00012-3UG-PAS									
Proj00012-3UG-PAS	0.013817596	0.014132637	0.014454861	0.014784432	0.015121517	0.015466287	0.015818919	0.01617959	0.016548485
Proj00012-3UG-PAS	-1.14416699	-1.170253998	-1.196935789	-1.224225925	-1.252138276	-1.280687029	-1.309886693	-1.33975211	-1.370298458
Proj00012-3UG-UGAS	1.727803281	1.767197196	1.807489292	1.848700048	1.890850409	1.933961798	1.978056127	2.023155807	2.069283759
Proj00012-3UG-UGAS									
Proj00012-3UG-UGAS	0.004664306	0.004770652	0.004879423	0.004990674	0.005104461	0.005220843	0.005339878	0.005461627	0.005586152
Proj00012-3UG-UGAS	-1.14416699	-1.170253998	-1.196935789	-1.224225925	-1.252138276	-1.280687029	-1.309886693	-1.33975211	-1.370298458
Proj00013-3UG-ALT1									
Proj00013-3UG-ALT1	0.052343241	0.053536667	0.054757303	0.05600577	0.057282701	0.058588747	0.05992457	0.06129085	0.062688282
Proj00013-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00013-3UG-PAS									
Proj00013-3UG-PAS	0.009096318	0.009303714	0.009515839	0.0097328	0.009954708	0.010181675	0.010413817	0.010651252	0.010894101
Proj00013-3UG-PAS	-1.960700913	-2.005404894	-2.051128126	-2.097893847	-2.145725827	-2.194648376	-2.244686359	-2.295865208	-2.348210934
Proj00013-3UG-UGAS	2.328476866	2.381566138	2.435865846	2.491403588	2.548207589	2.606306722	2.665730516	2.726509171	2.788673581
Proj00013-3UG-UGAS									
Proj00013-3UG-UGAS	0.009028516	0.009234366	0.00944491	0.009660253	0.009880507	0.010105783	0.010336195	0.01057186	0.010812898
Proj00013-3UG-UGAS	-1.960700913	-2.005404894	-2.051128126	-2.097893847	-2.145725827	-2.194648376	-2.244686359	-2.295865208	-2.348210934
Proj00014-3UG-ALT1									
Proj00014-3UG-ALT1	0.008543089	0.008737871	0.008937095	0.00914086	0.009349272	0.009562435	0.009780459	0.010003453	0.010231532
Proj00014-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00014-3UG-PAS									
Proj00014-3UG-PAS	0.001080338	0.00110497	0.001130163	0.001155931	0.001182286	0.001209242	0.001236813	0.001265012	0.001293854
Proj00014-3UG-PAS	-0.474104092	-0.484913666	-0.495969697	-0.507277806	-0.51884374	-0.530673378	-0.542772731	-0.555147949	-0.567805322
Proj00014-3UG-UGAS	0.549266823	0.561790106	0.574598921	0.587699776	0.601099331	0.614804396	0.628821936	0.643159076	0.657823103
Proj00014-3UG-UGAS									
Proj00014-3UG-UGAS	0.001080338	0.00110497	0.001130163	0.001155931	0.001182286	0.001209242	0.001236813	0.001265012	0.001293854
Proj00014-3UG-UGAS	-0.474104092	-0.484913666	-0.495969697	-0.507277806	-0.51884374	-0.530673378	-0.542772731	-0.555147949	-0.567805322
Proj00015-3UG-ALT1									
Proj00015-3UG-ALT1	0.154724486	0.158252204	0.161860355	0.165550771	0.169325328	0.173185946	0.177134585	0.181173254	0.185304004
Proj00015-3UG-ALT1	-0.078535517	-0.080326127	-0.082157562	-0.084030755	-0.085946656	-0.08790624	-0.089910502	-0.091960462	-0.09405716
Proj00015-3UG-PAS									
Proj00015-3UG-PAS	0.045824833	0.046869639	0.047938267	0.049031259	0.050149172	0.051292573	0.052462044	0.053658178	0.054881585
Proj00015-3UG-PAS	-2.652032861	-2.71249921	-2.774344192	-2.83759924	-2.902296503	-2.968468863	-3.036149953	-3.105374172	-3.176176703
Proj00015-3UG-UGAS	3.890402207	3.979103378	4.069826935	4.162618989	4.257526702	4.35459831	4.453883152	4.555431688	4.65929553
Proj00015-3UG-UGAS									
Proj00015-3UG-UGAS	0.020331228	0.02079478	0.021268901	0.021753832	0.022249819	0.022757115	0.023275977	0.023806669	0.024349461
Proj00015-3UG-UGAS	-2.652032861	-2.71249921	-2.774344192	-2.83759924	-2.902296503	-2.968468863	-3.036149953	-3.105374172	-3.176176703
Proj00016-3UG-ALT1									

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rru_id	annual_costs_in_year_41	annual_costs_in_year_42	annual_costs_in_year_43	annual_costs_in_year_44	annual_costs_in_year_45	annual_costs_in_year_46	annual_costs_in_year_47	annual_costs_in_year_48	annual_costs_in_year_49
Proj00016-3UG-ALT1	0.17425148	0.178224414	0.18228793	0.186444095	0.19069502	0.195042867	0.199489844	0.204038213	0.208690284
Proj00016-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00016-3UG-PAS									
Proj00016-3UG-PAS	0.166575768	0.170373695	0.174258216	0.178231303	0.182294977	0.186451302	0.190702392	0.195050406	0.199497556
Proj00016-3UG-PAS	-0.175496641	-0.179497964	-0.183590518	-0.187776382	-0.192057683	-0.196436599	-0.200915353	-0.205496223	-0.210181537
Proj00016-3UG-UGAS	4.072623357	4.165479169	4.260452094	4.357590402	4.456943463	4.558561774	4.662496983	4.768801914	4.877530597
Proj00016-3UG-UGAS									
Proj00016-3UG-UGAS	0.001816587	0.001858005	0.001900367	0.001943696	0.001988012	0.002033339	0.002079699	0.002127116	0.002175614
Proj00016-3UG-UGAS	-0.175496641	-0.179497964	-0.183590518	-0.187776382	-0.192057683	-0.196436599	-0.200915353	-0.205496223	-0.210181537
Proj00017-3UG-ALT1									
Proj00017-3UG-ALT1	0.049156528	0.050277297	0.051423619	0.052596078	0.053795269	0.055021801	0.056276298	0.057559397	0.058871752
Proj00017-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00017-3UG-PAS									
Proj00017-3UG-PAS	0.032497219	0.033238156	0.033995986	0.034771094	0.035563875	0.036374731	0.037204075	0.038052328	0.038919921
Proj00017-3UG-PAS	-0.831237421	-0.850189634	-0.869573958	-0.889400244	-0.90967857	-0.930419241	-0.9516328	-0.973330028	-0.995521952
Proj00017-3UG-UGAS	2.487994788	2.544721069	2.60274071	2.662083198	2.722778695	2.784858049	2.848352813	2.913295257	2.979718389
Proj00017-3UG-UGAS									
Proj00017-3UG-UGAS	0.003206708	0.003279821	0.003354601	0.003431086	0.003509315	0.003589327	0.003671164	0.003754867	0.003840478
Proj00017-3UG-UGAS	-0.831237421	-0.850189634	-0.869573958	-0.889400244	-0.90967857	-0.930419241	-0.9516328	-0.973330028	-0.995521952
Proj00018-3UG-ALT1									
Proj00018-3UG-ALT1	0.015933491	0.016296774	0.016668341	0.017048379	0.017437082	0.017834648	0.018241278	0.018657179	0.019082562
Proj00018-3UG-ALT1	-0.007372088	-0.007540172	-0.007712088	-0.007887923	-0.008067768	-0.008251713	-0.008439852	-0.008632281	-0.008829097
Proj00018-3UG-PAS									
Proj00018-3UG-PAS	0.002109225	0.002157315	0.002206502	0.00225681	0.002308265	0.002360894	0.002414722	0.002469778	0.002526089
Proj00018-3UG-PAS	-0.686996685	-0.702660209	-0.718680862	-0.735066785	-0.751826308	-0.768967948	-0.786500417	-0.804432627	-0.822773691
Proj00018-3UG-UGAS	0.926817864	0.947949311	0.969562555	0.991668582	1.014278625	1.037404178	1.061056993	1.085249093	1.109992772
Proj00018-3UG-UGAS									
Proj00018-3UG-UGAS	0.002109225	0.002157315	0.002206502	0.00225681	0.002308265	0.002360894	0.002414722	0.002469778	0.002526089
Proj00018-3UG-UGAS	-0.686996685	-0.702660209	-0.718680862	-0.735066785	-0.751826308	-0.768967948	-0.786500417	-0.804432627	-0.822773691
Proj00019-3UG-ALT1									
Proj00019-3UG-ALT1	0.057835227	0.05915387	0.060502578	0.061882037	0.063292948	0.064736027	0.066212008	0.067721642	0.069265696
Proj00019-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00019-3UG-PAS									
Proj00019-3UG-PAS	0.00962013	0.009839469	0.010063809	0.010293264	0.01052795	0.010767988	0.011013498	0.011264606	0.011521439
Proj00019-3UG-PAS	-2.697721684	-2.759229739	-2.822140177	-2.886484973	-2.95229683	-3.019609198	-3.088456287	-3.158873091	-3.230895397
Proj00019-3UG-UGAS	3.205659503	3.27874854	3.353504007	3.429963898	3.508167075	3.588153284	3.669963179	3.753638339	3.839221294
Proj00019-3UG-UGAS									
Proj00019-3UG-UGAS	0.00962013	0.009839469	0.010063809	0.010293264	0.01052795	0.010767988	0.011013498	0.011264606	0.011521439
Proj00019-3UG-UGAS	-2.697721684	-2.759229739	-2.822140177	-2.886484973	-2.95229683	-3.019609198	-3.088456287	-3.158873091	-3.230895397
Proj00020-3UG-ALT1									
Proj00020-3UG-ALT1	0.033223072	0.033980558	0.034755314	0.035547736	0.036358224	0.037187192	0.038035059	0.038902259	0.03978923
Proj00020-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00020-3UG-PAS									
Proj00020-3UG-PAS	0.004707179	0.004814503	0.004924274	0.005036547	0.00515138	0.005268832	0.005388961	0.005511829	0.005637499
Proj00020-3UG-PAS	-2.329104752	-2.38220834	-2.43652269	-2.492075408	-2.548894727	-2.607009527	-2.666449344	-2.727244389	-2.789425561
Proj00020-3UG-UGAS	2.561041946	2.619433703	2.679156791	2.740241566	2.802719074	2.866621068	2.931980029	2.998829173	3.067202479
Proj00020-3UG-UGAS									
Proj00020-3UG-UGAS	0.004707179	0.004814503	0.004924274	0.005036547	0.00515138	0.005268832	0.005388961	0.005511829	0.005637499
Proj00020-3UG-UGAS	-2.329104752	-2.38220834	-2.43652269	-2.492075408	-2.548894727	-2.607009527	-2.666449344	-2.727244389	-2.789425561
Proj00021-3UG-ALT1									
Proj00021-3UG-ALT1	0.135536466	0.138626698	0.141787386	0.145020139	0.148326598	0.151708444	0.155167397	0.158705213	0.162323692
Proj00021-3UG-ALT1	-0.029816144	-0.030495952	-0.031191259	-0.03190242	-0.032629795	-0.033373755	-0.034134676	-0.034912947	-0.035708962
Proj00021-3UG-PAS									
Proj00021-3UG-PAS	0.020063371	0.020520816	0.02098869	0.021467233	0.021956685	0.022457298	0.022969324	0.023493025	0.024028666
Proj00021-3UG-PAS	-3.42391577	-3.50198105	-3.581826218	-3.663491856	-3.74701947	-3.832451514	-3.919831408	-4.009203564	-4.100613406
Proj00021-3UG-UGAS	4.003628293	4.094911018	4.188274989	4.283767659	4.381437561	4.481334338	4.583508761	4.68801276	4.794899451
Proj00021-3UG-UGAS									
Proj00021-3UG-UGAS	0.020063371	0.020520816	0.02098869	0.021467233	0.021956685	0.022457298	0.022969324	0.023493025	0.024028666
Proj00021-3UG-UGAS	-3.42391577	-3.50198105	-3.581826218	-3.663491856	-3.74701947	-3.832451514	-3.919831408	-4.009203564	-4.100613406
Proj00022-3UG-ALT1									
Proj00022-3UG-ALT1	0.016340315	0.016712874	0.017093927	0.017483669	0.017882297	0.018290013	0.018707025	0.019133546	0.01956979
Proj00022-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00022-3UG-PAS									
Proj00022-3UG-PAS	0.014681929	0.015016677	0.015359058	0.015709244	0.016067415	0.016433752	0.016808442	0.017191674	0.017583644
Proj00022-3UG-PAS	-0.034736584	-0.035528578	-0.03633863	-0.037167151	-0.038014562	-0.038881294	-0.039767787	-0.040674493	-0.041601871
Proj00022-3UG-UGAS	0.379172121	0.387817245	0.396659478	0.405703314	0.41495335	0.424414286	0.434090932	0.443988205	0.454111136
Proj00022-3UG-UGAS									
Proj00022-3UG-UGAS	0.000240075	0.000245548	0.000251147	0.000256873	0.00026273	0.00026872	0.000274847	0.000281113	0.000287523
Proj00022-3UG-UGAS	-0.034736584	-0.035528578	-0.03633863	-0.037167151	-0.038014562	-0.038881294	-0.039767787	-0.040674493	-0.041601871
Proj00023-3UG-ALT1									
Proj00023-3UG-ALT1	0.167539092	0.171358984	0.175265968	0.179262033	0.183349207	0.187529569	0.191805243	0.196178403	0.20065127
Proj00023-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00023-3UG-PAS									
Proj00023-3UG-PAS	0.029993507	0.030677359	0.031376803	0.032092194	0.032823896	0.033572281	0.034337729	0.035120629	0.035921379
Proj00023-3UG-PAS	-7.539646801	-7.711550748	-7.887374105	-8.067206235	-8.251138537	-8.439264496	-8.631679726	-8.828482024	-9.029771414
Proj00023-3UG-UGAS	8.24536945	8.433363874	8.62564457	8.822309266	9.023457917	9.229192758	9.439618353	9.654841651	9.874972041
Proj00023-3UG-UGAS									
Proj00023-3UG-UGAS	0.028637464	0.029290399	0.02995822	0.030641267	0.031339888	0.032054437	0.032785279	0.033532783	0.03429733
Proj00023-3UG-UGAS	-7.539646801	-7.711550748	-7.887374105	-8.067206235	-8.251138537	-8.439264496	-8.631679726	-8.828482024	-9.029771414
Proj00024-3UG-ALT1									
Proj00024-3UG-ALT1	0.007729448	0.007905679	0.008085928	0.008270288	0.00845885	0.008651712	0.008848971	0.009050728	0.009257084

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rru_id	annual_costs_in_year_41	annual_costs_in_year_42	annual_costs_in_year_43	annual_costs_in_year_44	annual_costs_in_year_45	annual_costs_in_year_46	annual_costs_in_year_47	annual_costs_in_year_48	annual_costs_in_year_49
Proj00024-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00024-3UG-PAS									
Proj00024-3UG-PAS	0.001054614	0.001078659	0.001103252	0.001128406	0.001154134	0.001180448	0.001207363	0.00123489	0.001263046
Proj00024-3UG-PAS	-0.537687635	-0.549946914	-0.562485703	-0.575310377	-0.588427454	-0.6018436	-0.615565634	-0.62960053	-0.643955422
Proj00024-3UG-UGAS	0.602924828	0.616671514	0.630731624	0.645112306	0.659820866	0.674864782	0.690251699	0.705989438	0.722085997
Proj00024-3UG-UGAS									
Proj00024-3UG-UGAS	0.001054614	0.001078659	0.001103252	0.001128406	0.001154134	0.001180448	0.001207363	0.00123489	0.001263046
Proj00024-3UG-UGAS	-0.537687635	-0.549946914	-0.562485703	-0.575310377	-0.588427454	-0.6018436	-0.615565634	-0.62960053	-0.643955422
Proj00025-3UG-ALT1									
Proj00025-3UG-ALT1	0.019255826	0.019694859	0.020143902	0.020603183	0.021072936	0.021553399	0.022044816	0.022547438	0.023061519
Proj00025-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00025-3UG-PAS									
Proj00025-3UG-PAS	0.003069528	0.003139513	0.003211094	0.003284307	0.003359189	0.003435778	0.003514114	0.003594236	0.003676184
Proj00025-3UG-PAS	-1.147749578	-1.173918269	-1.200683605	-1.228059191	-1.256058941	-1.284697085	-1.313988178	-1.343947109	-1.374589103
Proj00025-3UG-UGAS	1.316998233	1.347025793	1.377737981	1.409150407	1.441279037	1.474140199	1.507750595	1.542127309	1.577287811
Proj00025-3UG-UGAS									
Proj00025-3UG-UGAS	0.003069528	0.003139513	0.003211094	0.003284307	0.003359189	0.003435778	0.003514114	0.003594236	0.003676184
Proj00025-3UG-UGAS	-1.147749578	-1.173918269	-1.200683605	-1.228059191	-1.256058941	-1.284697085	-1.313988178	-1.343947109	-1.374589103
Proj00026-3UG-ALT1									
Proj00026-3UG-ALT1	0.022984911	0.023508967	0.024044972	0.024593197	0.025153922	0.025727431	0.026314017	0.026913976	0.027527615
Proj00026-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00026-3UG-PAS									
Proj00026-3UG-PAS	0.002820874	0.00288519	0.002950972	0.003018255	0.003087071	0.003157456	0.003229446	0.003303077	0.003378388
Proj00026-3UG-PAS	-1.608556733	-1.645231827	-1.682743112	-1.721109655	-1.760350955	-1.800486957	-1.84153806	-1.883525128	-1.926469501
Proj00026-3UG-UGAS	1.765296045	1.805544795	1.846711216	1.888816232	1.931881242	1.975928134	2.020979296	2.067057624	2.114186537
Proj00026-3UG-UGAS									
Proj00026-3UG-UGAS	0.002820874	0.00288519	0.002950972	0.003018255	0.003087071	0.003157456	0.003229446	0.003303077	0.003378388
Proj00026-3UG-UGAS	-1.608556733	-1.645231827	-1.682743112	-1.721109655	-1.760350955	-1.800486957	-1.84153806	-1.883525128	-1.926469501
Proj00027-3UG-ALT1									
Proj00027-3UG-ALT1	0.008949867	0.009153924	0.009362633	0.009576101	0.009794436	0.010017749	0.010246154	0.010479766	0.010718705
Proj00027-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00027-3UG-PAS									
Proj00027-3UG-PAS	0.001123204	0.001148813	0.001175006	0.001201796	0.001229197	0.001257223	0.001285887	0.001315206	0.001345192
Proj00027-3UG-PAS	-0.525216477	-0.537191413	-0.549439377	-0.561966595	-0.574779433	-0.587884404	-0.601288169	-0.614997539	-0.629019483
Proj00027-3UG-UGAS	0.57275045	0.585809161	0.599165609	0.612826585	0.626799031	0.641090049	0.655706902	0.67065702	0.685948
Proj00027-3UG-UGAS									
Proj00027-3UG-UGAS	0.001123204	0.001148813	0.001175006	0.001201796	0.001229197	0.001257223	0.001285887	0.001315206	0.001345192
Proj00027-3UG-UGAS	-0.525216477	-0.537191413	-0.549439377	-0.561966595	-0.574779433	-0.587884404	-0.601288169	-0.614997539	-0.629019483
Proj00028-3UG-ALT1									
Proj00028-3UG-ALT1	0.02169669	0.022191375	0.022697338	0.023214837	0.023744135	0.024285502	0.024839211	0.025405545	0.025984792
Proj00028-3UG-ALT1	0	0	0	0	0	0	0	0	0
Proj00028-3UG-PAS									
Proj00028-3UG-PAS	0.006198457	0.006339782	0.006484329	0.006632172	0.006783385	0.006938047	0.007096234	0.007258028	0.007423511
Proj00028-3UG-PAS	-1.392983492	-1.424743516	-1.457227668	-1.490452459	-1.524434775	-1.559191888	-1.594741463	-1.631101568	-1.668290684
Proj00028-3UG-UGAS	1.852784496	1.895027983	1.938234621	1.98242637	2.027625691	2.073855557	2.121139464	2.169501443	2.218966076
Proj00028-3UG-UGAS									
Proj00028-3UG-UGAS	0.002469339	0.00252564	0.002583224	0.002642122	0.002702362	0.002763976	0.002826995	0.00289145	0.002957375
Proj00028-3UG-UGAS	-1.392983492	-1.424743516	-1.457227668	-1.490452459	-1.524434775	-1.559191888	-1.594741463	-1.631101568	-1.668290684

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rru_id	annual_costs_in_year_50	annual_costs_in_year_51	annual_costs_in_year_52	annual_costs_in_year_53	annual_costs_in_year_54	annual_costs_in_year_55	annual_costs_in_year_56	reporting_date	calculated_date
Proj00001-3UG-ALT1								11/2/2026	10/30/2026
Proj00001-3UG-ALT1								11/2/2026	10/30/2026
Proj00001-3UG-ALT1								11/2/2026	10/30/2026
Proj00001-3UG-PAS								11/2/2026	10/30/2026
Proj00001-3UG-PAS	0.003812508	0.003899433	0.00398834	0.004079274	0.004172282	0.00426741	0.004364706	11/2/2026	10/30/2026
Proj00001-3UG-PAS	-3.36824954	-3.44504563	-3.52359267	-3.603930583	-3.6861002	-3.770143285	-3.856102552	11/2/2026	10/30/2026
Proj00001-3UG-UGAS	3.589764812	3.67161145	3.755324191	3.840945583	3.928519142	4.018089378	4.109701816	11/2/2026	10/30/2026
Proj00001-3UG-UGAS								11/2/2026	10/30/2026
Proj00001-3UG-UGAS	0.003812508	0.003899433	0.00398834	0.004079274	0.004172282	0.00426741	0.004364706	11/2/2026	10/30/2026
Proj00001-3UG-UGAS	-3.36824954	-3.44504563	-3.52359267	-3.603930583	-3.6861002	-3.770143285	-3.856102552	11/2/2026	10/30/2026
Proj00002-3UG-ALT1								11/2/2026	10/30/2026
Proj00002-3UG-ALT1								11/2/2026	10/30/2026
Proj00002-3UG-ALT1								11/2/2026	10/30/2026
Proj00002-3UG-PAS								11/2/2026	10/30/2026
Proj00002-3UG-PAS	0.003062663	0.003132492	0.003203913	0.003276962	0.003351677	0.003428095	0.003506255	11/2/2026	10/30/2026
Proj00002-3UG-PAS	-0.813169036	-0.83170929	-0.850672262	-0.87006759	-0.889905131	-0.910194968	-0.930947413	11/2/2026	10/30/2026
Proj00002-3UG-UGAS	1.626364624	1.663445737	1.7013723	1.740163589	1.779839318	1.820419655	1.861925223	11/2/2026	10/30/2026
Proj00002-3UG-UGAS								11/2/2026	10/30/2026
Proj00002-3UG-UGAS	0.003062663	0.003132492	0.003203913	0.003276962	0.003351677	0.003428095	0.003506255	11/2/2026	10/30/2026
Proj00002-3UG-UGAS	-0.813169036	-0.83170929	-0.850672262	-0.87006759	-0.889905131	-0.910194968	-0.930947413	11/2/2026	10/30/2026
Proj00003-3UG-ALT1								11/2/2026	10/30/2026
Proj00003-3UG-ALT1								11/2/2026	10/30/2026
Proj00003-3UG-ALT1								11/2/2026	10/30/2026
Proj00003-3UG-PAS								11/2/2026	10/30/2026
Proj00003-3UG-PAS	0.012099211	0.012375073	0.012657225	0.01294581	0.013240974	0.013542869	0.013851646	11/2/2026	10/30/2026
Proj00003-3UG-PAS	-4.043089386	-4.135271824	-4.229556021	-4.325989898	-4.424622468	-4.52550386	-4.628685348	11/2/2026	10/30/2026
Proj00003-3UG-UGAS	4.645171759	4.751081675	4.859406337	4.970200802	5.08352138	5.199425667	5.317972573	11/2/2026	10/30/2026
Proj00003-3UG-UGAS								11/2/2026	10/30/2026
Proj00003-3UG-UGAS	0.012099211	0.012375073	0.012657225	0.01294581	0.013240974	0.013542869	0.013851646	11/2/2026	10/30/2026
Proj00003-3UG-UGAS	-4.043089386	-4.135271824	-4.229556021	-4.325989898	-4.424622468	-4.52550386	-4.628685348	11/2/2026	10/30/2026
Proj00004-3UG-ALT1								11/2/2026	10/30/2026
Proj00004-3UG-ALT1								11/2/2026	10/30/2026
Proj00004-3UG-ALT1								11/2/2026	10/30/2026
Proj00004-3UG-PAS								11/2/2026	10/30/2026
Proj00004-3UG-PAS	0.000504131	0.000515626	0.000527382	0.000539406	0.000551705	0.000564283	0.000577149	11/2/2026	10/30/2026
Proj00004-3UG-PAS	-0.144991761	-0.148297573	-0.151678757	-0.155137033	-0.158674157	-0.162291928	-0.165992184	11/2/2026	10/30/2026
Proj00004-3UG-UGAS	0.163895881	0.167632707	0.171454733	0.175363901	0.179362198	0.183451656	0.187634353	11/2/2026	10/30/2026
Proj00004-3UG-UGAS								11/2/2026	10/30/2026
Proj00004-3UG-UGAS	0.000504131	0.000515626	0.000527382	0.000539406	0.000551705	0.000564283	0.000577149	11/2/2026	10/30/2026
Proj00004-3UG-UGAS	-0.144991761	-0.148297573	-0.151678757	-0.155137033	-0.158674157	-0.162291928	-0.165992184	11/2/2026	10/30/2026
Proj00005-3UG-ALT1								11/2/2026	10/30/2026
Proj00005-3UG-ALT1								11/2/2026	10/30/2026
Proj00005-3UG-ALT1								11/2/2026	10/30/2026
Proj00005-3UG-PAS								11/2/2026	10/30/2026
Proj00005-3UG-PAS	0.006921333	0.00707914	0.007240544	0.007405628	0.007574477	0.007747175	0.00792381	11/2/2026	10/30/2026
Proj00005-3UG-PAS	-3.704471647	-3.788933601	-3.875321287	-3.963678612	-4.054050485	-4.146482836	-4.241022644	11/2/2026	10/30/2026
Proj00005-3UG-UGAS	3.886174951	3.97477974	4.065404718	4.158095946	4.252900533	4.349866665	4.449043625	11/2/2026	10/30/2026
Proj00005-3UG-UGAS								11/2/2026	10/30/2026
Proj00005-3UG-UGAS	0.006921333	0.00707914	0.007240544	0.007405628	0.007574477	0.007747175	0.00792381	11/2/2026	10/30/2026
Proj00005-3UG-UGAS	-3.704471647	-3.788933601	-3.875321287	-3.963678612	-4.054050485	-4.146482836	-4.241022644	11/2/2026	10/30/2026
Proj00006-3UG-ALT1								11/2/2026	10/30/2026
Proj00006-3UG-ALT1								11/2/2026	10/30/2026
Proj00006-3UG-ALT1								11/2/2026	10/30/2026
Proj00006-3UG-PAS								11/2/2026	10/30/2026
Proj00006-3UG-PAS	0.005094062	0.005210207	0.005329	0.005450501	0.005574772	0.005701877	0.00583188	11/2/2026	10/30/2026
Proj00006-3UG-PAS	-0.222751445	-0.227830178	-0.233024706	-0.238337669	-0.243771768	-0.249329764	-0.255014483	11/2/2026	10/30/2026
Proj00006-3UG-UGAS	0.431157172	0.440987555	0.451042072	0.461325831	0.47184406	0.482602104	0.493605432	11/2/2026	10/30/2026
Proj00006-3UG-UGAS								11/2/2026	10/30/2026
Proj00006-3UG-UGAS	0.000609161	0.00062305	0.000637255	0.000651784	0.000666645	0.000681845	0.000697391	11/2/2026	10/30/2026
Proj00006-3UG-UGAS	-0.222751445	-0.227830178	-0.233024706	-0.238337669	-0.243771768	-0.249329764	-0.255014483	11/2/2026	10/30/2026
Proj00007-3UG-ALT1								11/2/2026	10/30/2026
Proj00007-3UG-ALT1								11/2/2026	10/30/2026
Proj00007-3UG-ALT1								11/2/2026	10/30/2026
Proj00007-3UG-PAS								11/2/2026	10/30/2026
Proj00007-3UG-PAS	0.059510699	0.060867543	0.062255323	0.063674744	0.065126528	0.066611413	0.068130153	11/2/2026	10/30/2026
Proj00007-3UG-PAS	-0.18879031	-0.19309473	-0.197497289	-0.202000228	-0.206605833	-0.211316446	-0.216134461	11/2/2026	10/30/2026
Proj00007-3UG-UGAS	1.745825771	1.785630599	1.826342977	1.867983597	1.910573623	1.954134701	1.998688972	11/2/2026	10/30/2026
Proj00007-3UG-UGAS								11/2/2026	10/30/2026
Proj00007-3UG-UGAS	0.001123799	0.001149421	0.001175628	0.001202433	0.001229848	0.001257889	0.001286568	11/2/2026	10/30/2026
Proj00007-3UG-UGAS	-0.18879031	-0.19309473	-0.197497289	-0.202000228	-0.206605833	-0.211316446	-0.216134461	11/2/2026	10/30/2026

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rru_id	annual_costs_in_year_50	annual_costs_in_year_51	annual_costs_in_year_52	annual_costs_in_year_53	annual_costs_in_year_54	annual_costs_in_year_55	annual_costs_in_year_56	reporting_date	calculated_date
Proj00008-3UG-ALT1								11/2/2026	10/30/2026
Proj00008-3UG-ALT1								11/2/2026	10/30/2026
Proj00008-3UG-ALT1								11/2/2026	10/30/2026
Proj00008-3UG-PAS								11/2/2026	10/30/2026
Proj00008-3UG-PAS	0.097962379	0.100195921	0.102480388	0.104816941	0.107206767	0.109651081	0.112151126	11/2/2026	10/30/2026
Proj00008-3UG-PAS	-0.887125713	-0.907352179	-0.928039809	-0.949199117	-0.970840857	-0.992976028	-1.015615882	11/2/2026	10/30/2026
Proj00008-3UG-UGAS	2.866795498	2.932158435	2.999011647	3.067389113	3.137325585	3.208856608	3.282018539	11/2/2026	10/30/2026
Proj00008-3UG-UGAS								11/2/2026	10/30/2026
Proj00008-3UG-UGAS	0.015655982	0.016012938	0.016378033	0.016751452	0.017133385	0.017524026	0.017923574	11/2/2026	10/30/2026
Proj00008-3UG-UGAS	-0.887125713	-0.907352179	-0.928039809	-0.949199117	-0.970840857	-0.992976028	-1.015615882	11/2/2026	10/30/2026
Proj00009-3UG-ALT1								11/2/2026	10/30/2026
Proj00009-3UG-ALT1								11/2/2026	10/30/2026
Proj00009-3UG-ALT1								11/2/2026	10/30/2026
Proj00009-3UG-PAS								11/2/2026	10/30/2026
Proj00009-3UG-PAS	0.012947395	0.013242595	0.013544527	0.013853342	0.014169198	0.014492256	0.014822679	11/2/2026	10/30/2026
Proj00009-3UG-PAS	-3.234877131	-3.30863233	-3.384069147	-3.461225923	-3.540141874	-3.620857109	-3.703412651	11/2/2026	10/30/2026
Proj00009-3UG-UGAS	3.969527878	4.060033114	4.152601869	4.247281192	4.344119203	4.443165121	4.544469285	11/2/2026	10/30/2026
Proj00009-3UG-UGAS								11/2/2026	10/30/2026
Proj00009-3UG-UGAS	0.009126918	0.009335012	0.00954785	0.009765541	0.009988196	0.010215926	0.01044885	11/2/2026	10/30/2026
Proj00009-3UG-UGAS	-3.234877131	-3.30863233	-3.384069147	-3.461225923	-3.540141874	-3.620857109	-3.703412651	11/2/2026	10/30/2026
Proj00010-3UG-ALT1								11/2/2026	10/30/2026
Proj00010-3UG-ALT1								11/2/2026	10/30/2026
Proj00010-3UG-ALT1								11/2/2026	10/30/2026
Proj00010-3UG-PAS								11/2/2026	10/30/2026
Proj00010-3UG-PAS	0.017857921	0.018265082	0.018681526	0.019107465	0.019543115	0.019988698	0.02044444	11/2/2026	10/30/2026
Proj00010-3UG-PAS	-1.164950509	-1.19151138	-1.21867784	-1.246463694	-1.274883067	-1.303950401	-1.33368047	11/2/2026	10/30/2026
Proj00010-3UG-UGAS	1.821197987	1.862721301	1.905191346	1.948629709	1.993058466	2.038500199	2.084978004	11/2/2026	10/30/2026
Proj00010-3UG-UGAS								11/2/2026	10/30/2026
Proj00010-3UG-UGAS	0.008223678	0.008411177	0.008602952	0.0087991	0.008999719	0.009204913	0.009414785	11/2/2026	10/30/2026
Proj00010-3UG-UGAS	-1.164950509	-1.19151138	-1.21867784	-1.246463694	-1.274883067	-1.303950401	-1.33368047	11/2/2026	10/30/2026
Proj00011-3UG-ALT1								11/2/2026	10/30/2026
Proj00011-3UG-ALT1								11/2/2026	10/30/2026
Proj00011-3UG-ALT1								11/2/2026	10/30/2026
Proj00011-3UG-PAS								11/2/2026	10/30/2026
Proj00011-3UG-PAS	0.006291168	0.006434607	0.006581316	0.00673137	0.006884845	0.00704182	0.007202373	11/2/2026	10/30/2026
Proj00011-3UG-PAS	-2.73196692	-2.794255766	-2.857964797	-2.923126395	-2.989773677	-3.057940516	-3.12766156	11/2/2026	10/30/2026
Proj00011-3UG-UGAS	5.610030609	5.737939307	5.868764323	6.00257215	6.139430795	6.279409817	6.422580361	11/2/2026	10/30/2026
Proj00011-3UG-UGAS								11/2/2026	10/30/2026
Proj00011-3UG-UGAS	0.006291168	0.006434607	0.006581316	0.00673137	0.006884845	0.00704182	0.007202373	11/2/2026	10/30/2026
Proj00011-3UG-UGAS	-2.73196692	-2.794255766	-2.857964797	-2.923126395	-2.989773677	-3.057940516	-3.12766156	11/2/2026	10/30/2026
Proj00012-3UG-ALT1								11/2/2026	10/30/2026
Proj00012-3UG-ALT1								11/2/2026	10/30/2026
Proj00012-3UG-ALT1								11/2/2026	10/30/2026
Proj00012-3UG-PAS								11/2/2026	10/30/2026
Proj00012-3UG-PAS	0.01692579	0.017311698	0.017706405	0.018110111	0.018523021	0.018945346	0.0193773	11/2/2026	10/30/2026
Proj00012-3UG-PAS	-1.401541263	-1.433496403	-1.466180121	-1.499609028	-1.533800114	-1.568770757	-1.60453873	11/2/2026	10/30/2026
Proj00012-3UG-UGAS	2.116463429	2.164718795	2.214074384	2.26455528	2.31618714	2.368996207	2.42300932	11/2/2026	10/30/2026
Proj00012-3UG-UGAS								11/2/2026	10/30/2026
Proj00012-3UG-UGAS	0.005713517	0.005843785	0.005977023	0.006113299	0.006252682	0.006395244	0.006541055	11/2/2026	10/30/2026
Proj00012-3UG-UGAS	-1.401541263	-1.433496403	-1.466180121	-1.499609028	-1.533800114	-1.568770757	-1.60453873	11/2/2026	10/30/2026
Proj00013-3UG-ALT1								11/2/2026	10/30/2026
Proj00013-3UG-ALT1								11/2/2026	10/30/2026
Proj00013-3UG-ALT1								11/2/2026	10/30/2026
Proj00013-3UG-PAS								11/2/2026	10/30/2026
Proj00013-3UG-PAS	0.011142486	0.011396535	0.011656376	0.011922141	0.012193966	0.012471989	0.01275635	11/2/2026	10/30/2026
Proj00013-3UG-PAS	-2.401750144	-2.456510047	-2.512518476	-2.569803897	-2.628395426	-2.688322842	-2.749616603	11/2/2026	10/30/2026
Proj00013-3UG-UGAS	2.852255338	2.91728676	2.983800898	3.051831558	3.121413318	3.192581542	3.265372401	11/2/2026	10/30/2026
Proj00013-3UG-UGAS								11/2/2026	10/30/2026
Proj00013-3UG-UGAS	0.011059432	0.011311587	0.011569492	0.011833276	0.012103075	0.012379025	0.012661267	11/2/2026	10/30/2026
Proj00013-3UG-UGAS	-2.401750144	-2.456510047	-2.512518476	-2.569803897	-2.628395426	-2.688322842	-2.749616603	11/2/2026	10/30/2026
Proj00014-3UG-ALT1								11/2/2026	10/30/2026
Proj00014-3UG-ALT1								11/2/2026	10/30/2026
Proj00014-3UG-ALT1								11/2/2026	10/30/2026
Proj00014-3UG-PAS								11/2/2026	10/30/2026
Proj00014-3UG-PAS	0.001323354	0.001353527	0.001384387	0.001415951	0.001448235	0.001481254	0.001515027	11/2/2026	10/30/2026
Proj00014-3UG-PAS	-0.580751284	-0.593992413	-0.60753544	-0.621387248	-0.635554877	-0.650045528	-0.664866566	11/2/2026	10/30/2026
Proj00014-3UG-UGAS	0.67282147	0.688161799	0.703851888	0.719899711	0.736313425	0.753101371	0.770272082	11/2/2026	10/30/2026
Proj00014-3UG-UGAS								11/2/2026	10/30/2026
Proj00014-3UG-UGAS	0.001323354	0.001353527	0.001384387	0.001415951	0.001448235	0.001481254	0.001515027	11/2/2026	10/30/2026
Proj00014-3UG-UGAS	-0.580751284	-0.593992413	-0.60753544	-0.621387248	-0.635554877	-0.650045528	-0.664866566	11/2/2026	10/30/2026
Proj00015-3UG-ALT1								11/2/2026	10/30/2026
Proj00015-3UG-ALT1								11/2/2026	10/30/2026
Proj00015-3UG-ALT1								11/2/2026	10/30/2026
Proj00015-3UG-PAS								11/2/2026	10/30/2026
Proj00015-3UG-PAS	0.056132885	0.057412715	0.058721724	0.06006058	0.061429961	0.062830564	0.064263101	11/2/2026	10/30/2026
Proj00015-3UG-PAS	-3.248593532	-3.322661464	-3.398418146	-3.47590208	-3.555152647	-3.636210127	-3.719115718	11/2/2026	10/30/2026
Proj00015-3UG-UGAS	4.765527468	4.874181495	4.985312833	5.098977965	5.215234663	5.334142013	5.455760451	11/2/2026	10/30/2026
Proj00015-3UG-UGAS								11/2/2026	10/30/2026
Proj00015-3UG-UGAS	0.024904629	0.025472455	0.026053227	0.02664724	0.027254797	0.027876207	0.028511784	11/2/2026	10/30/2026
Proj00015-3UG-UGAS	-3.248593532	-3.322661464	-3.398418146	-3.47590208	-3.555152647	-3.636210127	-3.719115718	11/2/2026	10/30/2026
Proj00016-3UG-ALT1								11/2/2026	10/30/2026

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rru_id	annual_costs_in_year_50	annual_costs_in_year_51	annual_costs_in_year_52	annual_costs_in_year_53	annual_costs_in_year_54	annual_costs_in_year_55	annual_costs_in_year_56	reporting_date	calculated_date
Proj00016-3UG-ALT1								11/2/2026	10/30/2026
Proj00016-3UG-ALT1								11/2/2026	10/30/2026
Proj00016-3UG-PAS								11/2/2026	10/30/2026
Proj00016-3UG-PAS	0.2040461	0.208698351	0.213456673	0.218323486	0.223301261	0.22839253	0.233599879	11/2/2026	10/30/2026
Proj00016-3UG-PAS	-0.214973676	-0.219875076	-0.224888228	-0.230015679	-0.235260037	-0.240623965	-0.246110192	11/2/2026	10/30/2026
Proj00016-3UG-UGAS	4.988738295	5.102481528	5.218818107	5.33780716	5.459509163	5.583985972	5.711300852	11/2/2026	10/30/2026
Proj00016-3UG-UGAS								11/2/2026	10/30/2026
Proj00016-3UG-UGAS	0.002225218	0.002275953	0.002327845	0.00238092	0.002435205	0.002490727	0.002547516	11/2/2026	10/30/2026
Proj00016-3UG-UGAS	-0.214973676	-0.219875076	-0.224888228	-0.230015679	-0.235260037	-0.240623965	-0.246110192	11/2/2026	10/30/2026
Proj00017-3UG-ALT1								11/2/2026	10/30/2026
Proj00017-3UG-ALT1								11/2/2026	10/30/2026
Proj00017-3UG-ALT1								11/2/2026	10/30/2026
Proj00017-3UG-PAS								11/2/2026	10/30/2026
Proj00017-3UG-PAS	0.039807295	0.040714902	0.041643202	0.042592667	0.043563779	0.044557034	0.045572934	11/2/2026	10/30/2026
Proj00017-3UG-PAS	-1.018219853	-1.041435266	-1.06517999	-1.089466093	-1.11430592	-1.139712095	-1.165697531	11/2/2026	10/30/2026
Proj00017-3UG-UGAS	3.047655968	3.117142524	3.188213374	3.260904638	3.335253264	3.411297039	3.489074611	11/2/2026	10/30/2026
Proj00017-3UG-UGAS								11/2/2026	10/30/2026
Proj00017-3UG-UGAS	0.00392804	0.0040176	0.004109201	0.004202891	0.004298717	0.004396728	0.004496973	11/2/2026	10/30/2026
Proj00017-3UG-UGAS	-1.018219853	-1.041435266	-1.06517999	-1.089466093	-1.11430592	-1.139712095	-1.165697531	11/2/2026	10/30/2026
Proj00018-3UG-ALT1								11/2/2026	10/30/2026
Proj00018-3UG-ALT1								11/2/2026	10/30/2026
Proj00018-3UG-ALT1								11/2/2026	10/30/2026
Proj00018-3UG-PAS								11/2/2026	10/30/2026
Proj00018-3UG-PAS	0.002583684	0.002642592	0.002702843	0.002764468	0.002827497	0.002891964	0.002957901	11/2/2026	10/30/2026
Proj00018-3UG-PAS	-0.841532931	-0.860719882	-0.880344295	-0.900416145	-0.920945633	-0.941943193	-0.963419498	11/2/2026	10/30/2026
Proj00018-3UG-UGAS	1.135300607	1.161185461	1.187660489	1.214739149	1.242435201	1.270762724	1.299736114	11/2/2026	10/30/2026
Proj00018-3UG-UGAS								11/2/2026	10/30/2026
Proj00018-3UG-UGAS	0.002583684	0.002642592	0.002702843	0.002764468	0.002827497	0.002891964	0.002957901	11/2/2026	10/30/2026
Proj00018-3UG-UGAS	-0.841532931	-0.860719882	-0.880344295	-0.900416145	-0.920945633	-0.941943193	-0.963419498	11/2/2026	10/30/2026
Proj00019-3UG-ALT1								11/2/2026	10/30/2026
Proj00019-3UG-ALT1								11/2/2026	10/30/2026
Proj00019-3UG-ALT1								11/2/2026	10/30/2026
Proj00019-3UG-PAS								11/2/2026	10/30/2026
Proj00019-3UG-PAS	0.011784127	0.012052805	0.012327609	0.012608679	0.012896157	0.013190189	0.013490925	11/2/2026	10/30/2026
Proj00019-3UG-PAS	-3.304559812	-3.379903776	-3.456965582	-3.535784397	-3.616400282	-3.698854208	-3.783188084	11/2/2026	10/30/2026
Proj00019-3UG-UGAS	3.926755539	4.016285565	4.107856876	4.201516013	4.297310578	4.395289259	4.495501854	11/2/2026	10/30/2026
Proj00019-3UG-UGAS								11/2/2026	10/30/2026
Proj00019-3UG-UGAS	0.011784127	0.012052805	0.012327609	0.012608679	0.012896157	0.013190189	0.013490925	11/2/2026	10/30/2026
Proj00019-3UG-UGAS	-3.304559812	-3.379903776	-3.456965582	-3.535784397	-3.616400282	-3.698854208	-3.783188084	11/2/2026	10/30/2026
Proj00020-3UG-ALT1								11/2/2026	10/30/2026
Proj00020-3UG-ALT1								11/2/2026	10/30/2026
Proj00020-3UG-ALT1								11/2/2026	10/30/2026
Proj00020-3UG-PAS								11/2/2026	10/30/2026
Proj00020-3UG-PAS	0.005766034	0.0058975	0.006031963	0.006169491	0.006310156	0.006454027	0.006601179	11/2/2026	10/30/2026
Proj00020-3UG-PAS	-2.853024464	-2.918073421	-2.984605495	-3.052654501	-3.122255023	-3.193442438	-3.266252925	11/2/2026	10/30/2026
Proj00020-3UG-UGAS	3.137134695	3.208661366	3.281818845	3.356644315	3.433175805	3.511452214	3.591513324	11/2/2026	10/30/2026
Proj00020-3UG-UGAS								11/2/2026	10/30/2026
Proj00020-3UG-UGAS	0.005766034	0.0058975	0.006031963	0.006169491	0.006310156	0.006454027	0.006601179	11/2/2026	10/30/2026
Proj00020-3UG-UGAS	-2.853024464	-2.918073421	-2.984605495	-3.052654501	-3.122255023	-3.193442438	-3.266252925	11/2/2026	10/30/2026
Proj00021-3UG-ALT1								11/2/2026	10/30/2026
Proj00021-3UG-ALT1								11/2/2026	10/30/2026
Proj00021-3UG-ALT1								11/2/2026	10/30/2026
Proj00021-3UG-PAS								11/2/2026	10/30/2026
Proj00021-3UG-PAS	0.024576519	0.025136864	0.025709985	0.026296172	0.026895725	0.027508947	0.028136151	11/2/2026	10/30/2026
Proj00021-3UG-PAS	-4.194107391	-4.28973304	-4.387538953	-4.487574841	-4.589891548	-4.694541075	-4.801576612	11/2/2026	10/30/2026
Proj00021-3UG-UGAS	4.904223159	5.016039447	5.13040146	5.247378384	5.367018611	5.489386635	5.61454465	11/2/2026	10/30/2026
Proj00021-3UG-UGAS								11/2/2026	10/30/2026
Proj00021-3UG-UGAS	0.024576519	0.025136864	0.025709985	0.026296172	0.026895725	0.027508947	0.028136151	11/2/2026	10/30/2026
Proj00021-3UG-UGAS	-4.194107391	-4.28973304	-4.387538953	-4.487574841	-4.589891548	-4.694541075	-4.801576612	11/2/2026	10/30/2026
Proj00022-3UG-ALT1								11/2/2026	10/30/2026
Proj00022-3UG-ALT1								11/2/2026	10/30/2026
Proj00022-3UG-ALT1								11/2/2026	10/30/2026
Proj00022-3UG-PAS								11/2/2026	10/30/2026
Proj00022-3UG-PAS	0.017984551	0.018394599	0.018813996	0.019242955	0.019681694	0.020130437	0.020589411	11/2/2026	10/30/2026
Proj00022-3UG-PAS	-0.042550394	-0.043520543	-0.044512811	-0.045527703	-0.046565735	-0.047627434	-0.048713339	11/2/2026	10/30/2026
Proj00022-3UG-UGAS	0.46446487	0.475054669	0.485885916	0.496964115	0.508294897	0.51988402	0.531737376	11/2/2026	10/30/2026
Proj00022-3UG-UGAS								11/2/2026	10/30/2026
Proj00022-3UG-UGAS	0.000294078	0.000300783	0.000307641	0.000314655	0.000321829	0.000329167	0.000336672	11/2/2026	10/30/2026
Proj00022-3UG-UGAS	-0.042550394	-0.043520543	-0.044512811	-0.045527703	-0.046565735	-0.047627434	-0.048713339	11/2/2026	10/30/2026
Proj00023-3UG-ALT1								11/2/2026	10/30/2026
Proj00023-3UG-ALT1								11/2/2026	10/30/2026
Proj00023-3UG-ALT1								11/2/2026	10/30/2026
Proj00023-3UG-PAS								11/2/2026	10/30/2026
Proj00023-3UG-PAS	0.036740387	0.037578068	0.038434848	0.039311162	0.040207457	0.041124187	0.042061818	11/2/2026	10/30/2026
Proj00023-3UG-PAS	-9.235650202	-9.446223027	-9.661596912	-9.881881321	-10.10718822	-10.33763211	-10.57333012	11/2/2026	10/30/2026
Proj00023-3UG-UGAS	10.1001214	10.33040417	10.56593739	10.80684076	11.05323673	11.30525053	11.56301024	11/2/2026	10/30/2026
Proj00023-3UG-UGAS								11/2/2026	10/30/2026
Proj00023-3UG-UGAS	0.035079309	0.035879118	0.036697162	0.037533857	0.038389629	0.039264912	0.040160152	11/2/2026	10/30/2026
Proj00023-3UG-UGAS	-9.235650202	-9.446223027	-9.661596912	-9.881881321	-10.10718822	-10.33763211	-10.57333012	11/2/2026	10/30/2026
Proj00024-3UG-ALT1								11/2/2026	10/30/2026
Proj00024-3UG-ALT1								11/2/2026	10/30/2026

SPD-37
Pacific Gas and Electric Company
Electrical Undergrounding Program
SPD-37 Table 7: Annual Costs (Capital and O&M) and O&M Savings

rru_id	annual_costs_in_year_50	annual_costs_in_year_51	annual_costs_in_year_52	annual_costs_in_year_53	annual_costs_in_year_54	annual_costs_in_year_55	annual_costs_in_year_56	reporting_date	calculated_date
Proj00024-3UG-ALT1								11/2/2026	10/30/2026
Proj00024-3UG-PAS								11/2/2026	10/30/2026
Proj00024-3UG-PAS	0.001291843	0.001321297	0.001351423	0.001382235	0.00141375	0.001445984	0.001478952	11/2/2026	10/30/2026
Proj00024-3UG-PAS	-0.658637606	-0.673654543	-0.689013867	-0.704723383	-0.720791076	-0.737225113	-0.754033845	11/2/2026	10/30/2026
Proj00024-3UG-UGAS	0.738549557	0.755388487	0.772611345	0.790226884	0.808244057	0.826672021	0.845520143	11/2/2026	10/30/2026
Proj00024-3UG-UGAS								11/2/2026	10/30/2026
Proj00024-3UG-UGAS	0.001291843	0.001321297	0.001351423	0.001382235	0.00141375	0.001445984	0.001478952	11/2/2026	10/30/2026
Proj00024-3UG-UGAS	-0.658637606	-0.673654543	-0.689013867	-0.704723383	-0.720791076	-0.737225113	-0.754033845	11/2/2026	10/30/2026
Proj00025-3UG-ALT1								11/2/2026	10/30/2026
Proj00025-3UG-ALT1								11/2/2026	10/30/2026
Proj00025-3UG-ALT1								11/2/2026	10/30/2026
Proj00025-3UG-PAS								11/2/2026	10/30/2026
Proj00025-3UG-PAS	0.003760001	0.003845729	0.003933412	0.004023094	0.00411482	0.004208638	0.004304595	11/2/2026	10/30/2026
Proj00025-3UG-PAS	-1.405929734	-1.437984932	-1.470770989	-1.504304567	-1.538602712	-1.573682853	-1.609562822	11/2/2026	10/30/2026
Proj00025-3UG-UGAS	1.613249973	1.650032073	1.687652804	1.726131288	1.765487081	1.805740187	1.846911063	11/2/2026	10/30/2026
Proj00025-3UG-UGAS								11/2/2026	10/30/2026
Proj00025-3UG-UGAS	0.003760001	0.003845729	0.003933412	0.004023094	0.00411482	0.004208638	0.004304595	11/2/2026	10/30/2026
Proj00025-3UG-UGAS	-1.405929734	-1.437984932	-1.470770989	-1.504304567	-1.538602712	-1.573682853	-1.609562822	11/2/2026	10/30/2026
Proj00026-3UG-ALT1								11/2/2026	10/30/2026
Proj00026-3UG-ALT1								11/2/2026	10/30/2026
Proj00026-3UG-ALT1								11/2/2026	10/30/2026
Proj00026-3UG-PAS								11/2/2026	10/30/2026
Proj00026-3UG-PAS	0.003455415	0.003534198	0.003614778	0.003697195	0.003781491	0.003867709	0.003955893	11/2/2026	10/30/2026
Proj00026-3UG-PAS	-1.970393005	-2.015317966	-2.061267215	-2.108264108	-2.156332529	-2.205496911	-2.255782241	11/2/2026	10/30/2026
Proj00026-3UG-UGAS	2.16238999	2.211692482	2.262119071	2.313695386	2.36644764	2.420402647	2.475587827	11/2/2026	10/30/2026
Proj00026-3UG-UGAS								11/2/2026	10/30/2026
Proj00026-3UG-UGAS	0.003455415	0.003534198	0.003614778	0.003697195	0.003781491	0.003867709	0.003955893	11/2/2026	10/30/2026
Proj00026-3UG-UGAS	-1.970393005	-2.015317966	-2.061267215	-2.108264108	-2.156332529	-2.205496911	-2.255782241	11/2/2026	10/30/2026
Proj00027-3UG-ALT1								11/2/2026	10/30/2026
Proj00027-3UG-ALT1								11/2/2026	10/30/2026
Proj00027-3UG-ALT1								11/2/2026	10/30/2026
Proj00027-3UG-PAS								11/2/2026	10/30/2026
Proj00027-3UG-PAS	0.001375863	0.001407232	0.001439317	0.001472134	0.001505698	0.001540028	0.001575141	11/2/2026	10/30/2026
Proj00027-3UG-PAS	-0.643361127	-0.658029761	-0.673032839	-0.688377988	-0.704073006	-0.72012587	-0.73654474	11/2/2026	10/30/2026
Proj00027-3UG-UGAS	0.701587614	0.717583812	0.733944723	0.750678663	0.767794136	0.785299842	0.803204679	11/2/2026	10/30/2026
Proj00027-3UG-UGAS								11/2/2026	10/30/2026
Proj00027-3UG-UGAS	0.001375863	0.001407232	0.001439317	0.001472134	0.001505698	0.001540028	0.001575141	11/2/2026	10/30/2026
Proj00027-3UG-UGAS	-0.643361127	-0.658029761	-0.673032839	-0.688377988	-0.704073006	-0.72012587	-0.73654474	11/2/2026	10/30/2026
Proj00028-3UG-ALT1								11/2/2026	10/30/2026
Proj00028-3UG-ALT1								11/2/2026	10/30/2026
Proj00028-3UG-ALT1								11/2/2026	10/30/2026
Proj00028-3UG-PAS								11/2/2026	10/30/2026
Proj00028-3UG-PAS	0.007592767	0.007765882	0.007942945	0.008124044	0.008309272	0.008498723	0.008692494	11/2/2026	10/30/2026
Proj00028-3UG-PAS	-1.706327711	-1.745231983	-1.785023272	-1.825721803	-1.86734826	-1.9099238	-1.953470063	11/2/2026	10/30/2026
Proj00028-3UG-UGAS	2.269558503	2.321304437	2.374230178	2.428362626	2.483729294	2.540358322	2.598278491	11/2/2026	10/30/2026
Proj00028-3UG-UGAS								11/2/2026	10/30/2026
Proj00028-3UG-UGAS	0.003024803	0.003093769	0.003164307	0.003236453	0.003310244	0.003385718	0.003462912	11/2/2026	10/30/2026
Proj00028-3UG-UGAS	-1.706327711	-1.745231983	-1.785023272	-1.825721803	-1.86734826	-1.9099238	-1.953470063	11/2/2026	10/30/2026