



The City of San Diego

Staff Report

DATE ISSUED: 1/25/19

TO: City Council

FROM: Transportation & Storm Water

SUBJECT: Utilities Undergrounding Program 1st Semi-Annual Report for FY 2019

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Council District(s): Citywide

OVERVIEW:

This report represents the first semi-annual report for Fiscal Year 2019 on the status of underground conversion projects and associated funds, in conformance with Council Policy 600-08, which requires reporting to City Council twice per year.

PROPOSED ACTIONS:

This is an information item only.

DISCUSSION OF ITEM:

Since the start of Rule 20A conversions in 1970, 429 miles of overhead utilities have been converted to underground services with approximately 1,238 miles remaining. The Utilities Undergrounding Program which is administered by the Transportation & Storm Water Department (T&SW), benefits residents by facilitating the conversion of overhead utility lines to safer and more reliable underground services, in addition to improving aesthetics of the community. T&SW utilizes two funding mechanisms; the California Public Utilities Commission (CPUC) Rule 20, part A (Rule 20A), which obligates San Diego Gas and Electric (SDG&E) to expend a certain amount of revenue on underground conversion, and the electrical utility surcharge (Surcharge), which is collected by SDG&E and remitted to the City's Underground Surcharge Fund.

Since 2016 the undergrounding program has made efforts to increase production. This report will provide updates on the progress made and highlight the streamlining of several processes to increase efficiency and production of undergrounding projects.

1. Status of Program Improvements

a. Partnership with SDG&E for Accelerated Project Delivery

SDG&E has agreed to form a partnership to pilot several process changes that will accelerate the time that it takes to build undergrounding projects, increase transparency and improve accountability. SDG&E is beginning to deliver on that plan by putting a project controls team in place and starting the hiring process for a customer service agent. T&SW has been coordinating the transfer of construction processes that can now be consolidated into SDG&E's construction contracts rather than having separate City contracts for streetlight and private property conversions.

b. Master Plan & Five-Year Implementation Plan

The updated Master Plan and the Five-Year Implementation Plan were approved by Council in July 2018. Approval of the Five-Year Implementation Plan has queued up an additional 150 miles of Projects for the Program to initiate work on over the next five years. Updates to extend the Five-Year Implementation Plan will be brought to Council for approval on an as-needed basis.

c. As-Needed Engineering Support Contracts

Two As-Needed Engineering Support Contracts have been procured to provide an array of engineering and related services to support the overall needs of the Program. The As-Needed Engineering contracts will help the program in expediting projects, facilitating coordination with external stakeholders and increasing the undergrounding production.

d. Private Property Construction Performance Targets

After T&SW began managing construction of service connections on private property starting in October 2016, construction timelines for this work had shrunk to a project average of eighteen months. This is a significant improvement over historical averages of three years or greater.

e. Projects Built by the Public Works Department

An agreement with SDG&E has been established to have the City lead the design, construction, and project management of no less than three undergrounding projects per year. Currently there are six of these projects being managed by the City's Public Works Department, and three additional projects are being transferred this fiscal year. In the current fiscal year, three neighborhoods will benefit from City-managed construction of undergrounding projects: Rolando, Encanto and Otay Mesa-Nestor. Costs on these projects will be reported starting with the next semi-annual report.

f. Project Level Agreements

T&SW is working with SDG&E to integrate project-level agreements into their improved project controls processes. Once the project-level agreements are in place, T&SW will be able to analyze and report on cost and schedule variance more effectively.

g. Change in Mileage Reporting Methodology

Steps are underway to change the City's accounting methodology for tracking miles of completed undergrounding to align with SDG&E's method. This transitional process will be completed by the end of this fiscal year, unless some projects are delayed which will require extending the transition into next fiscal year. The City's method gives credit earlier than SDG&E's method, counting miles of completion as the project progresses down each street rather than waiting for 100% project completion. The estimated completion miles for FY 2019, based on SDG&E forecasts, is 19.3 miles, using the new method. Subtracting the 12.9 of these miles that had been reported previously using the old method, the reportable miles will need to be reduced to 6.4 miles. After this brief period of

accounting adjustments, the miles can be reported directly using the new method. SDG&E's estimated completion miles for future years are 17.5 miles in FY 2020, 30.1 miles in FY 2021 and 30.4 miles in FY 2022.

h. Financial Forecasting Model

A beta version of modeling software has been developed which allows more intelligent forecasting of future program finances based on assumed production rates. This will support better program decisions such as determining how many new projects to allocate. This will prevent problems that have occurred in the past such as cash flow shortages or the recent growth in fund balance. A fully functional version of this software is expected to be operating by the end of the fiscal year and will be used to enhance the reporting of program finances.

i. Streamlining the Environmental Review Process

T&SW staff is working with the Planning Department to develop a program-level Environmental Impact Report which will expedite the environmental review process for undergrounding projects thus facilitating the program's goal to increase production of undergrounding projects.

2. Program Finances

a. Surcharge Funds

Surcharge revenue for undergrounding projects is collected by SDG&E, as approved by the CPUC, at a rate of 3.53% of the gross receipts, and remitted to the City on a quarterly basis. The City budgets this revenue in Funds 200217 and 200218, collectively referred to as the Underground Surcharge Fund. Because these funds are managed by the City, the funds are reported on the City's Fiscal Year calendar.

FY 2018 expenditures were \$39,419,946.73 and revenue was \$67,144,379.10. At the end of FY 2018, the Underground Surcharge Fund had a fund balance of \$183,006,620.64. FY 2019 budgeted revenue is \$66,374,970.00. The chart below shows further breakdown of FY 2018 expenditures. Additional details on program expenditures are provided in Attachment 1.

FY 2018 Expenditures

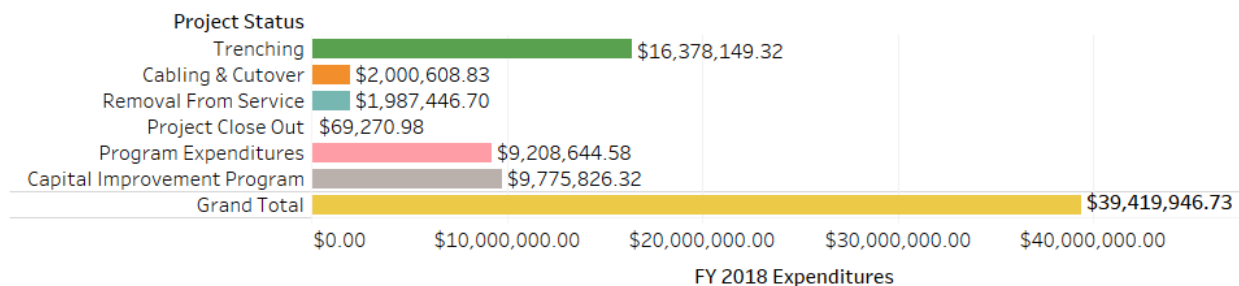


Figure 1, FY 2018 SDG&E Surcharge Expenditures

The chart below shows future total obligations which will be funded by a combination of the existing fund balance and revenue received in future years.

Surcharge Expenditure Obligations

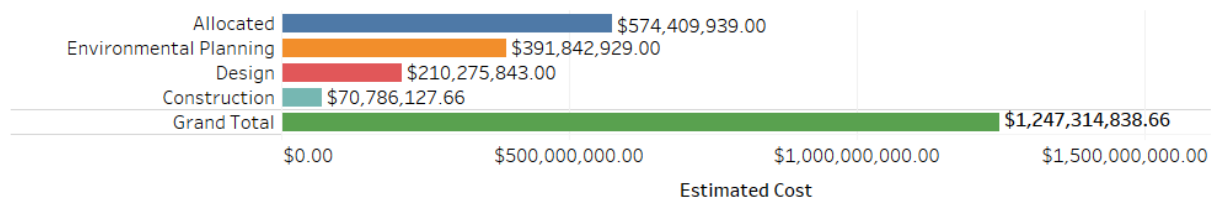


Figure 2, Surcharge Expenditure Obligations

b. Rule 20A Funds

Revenue for Rule 20A undergrounding projects is collected and managed by SDG&E, as approved by the CPUC, at a rate of 1.15% of the gross receipts. SDG&E uses this revenue to design and construct Rule 20A eligible projects after they have been approved by the City Council. For consistency with SDG&E's fiscal records, reporting is based on the Calendar Year. An update on the status of Rule 20A Funds will be provided as part of the second semi-annual report for FY 2019.

c. SDG&E Invoice Verification

In accordance with recommendations from the Office of the City Auditor (Report No. OCA-15-011), T&SW has been verifying SDG&E invoices on an annual basis. In FY 2018, T&SW verified invoices for three following Jobs:

- Project Block 2T – Cable Job
- Project Block 6I – Overhead Removal from Service Job 1
- Patrick Henry High Block Project

T&SW met with SDG&E's business controls team four times before T&SW staff was able to verify around 90% of the subcontractor charges on all three jobs. T&SW team concluded the invoice verification for FY 2018 with recommendations for SDG&E to better document the supporting documents for future undergrounding projects. The invoice verification report for FY 2018 is provided as an attachment (Attachment 2) to this report. T&SW is currently conducting invoice verification meetings with SDG&E for FY 2019 and a summary of the findings will be provided in the next report.

d. Cost and Schedule Controls

In accordance with recommendations from the Office of the City Auditor (Report No. OCA-15-011), T&SW has been analyzing cost and schedule variance on undergrounding projects based on monthly SDG&E data for estimated and actual costs and timelines. The project-level controls described earlier will improve the cost and schedule variance reporting in future reports.

City Strategic Plan Goal(s)/Objective(s):

Goal # 1: Provide high quality public service

Objective # 1: Promote a customer-focused culture that prizes accessible, consistent, and predictable delivery of services

Objective # 2: Improve external and internal coordination and communication

Objective # 3: Consistently collect meaningful customer feedback

Goal # 2: Work in partnership with all of our communities to achieve safe and livable

neighborhoods

Objective # 3: Invest in quality infrastructure

Fiscal Considerations:

No additional appropriations are being requested with this action.

Charter Section 225 Disclosure of Business Interests:

N/A

Environmental Impact:

This action to adopt resolutions regarding the status of the UUP supports an activity that is considered a "project" as defined in California Environmental Quality Act (CEQA) Guidelines Section 5378(a). Although adoption of the program resolutions on their own accord will not cause any significant environmental impacts, projects identified in the report will require further environmental review, or have already undergone environmental review in accordance with CEQA Section 15004, which provides direction to lead agencies on the appropriate timing for environmental review.

Equal Opportunity Contracting Information (if applicable):

Any necessary agreements between the City and utility companies associated with this work are subject to CPUC Equal Opportunity Contracting guidelines and mandates. Any work that does not fall under CPUC authority shall be subject to the City's Equal Opportunity Contracting (San Diego Ordinance No. 18173, San Diego Municipal Code Sections 22.2701 through 22.2708) and Non-Discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517).

Previous Council and/or Committee Actions:

December 11, 2001: Approved the Memorandum of Understanding (MOU) with SDG&E to implement the Surcharge Program, established Council Policy 600-08 and Surcharge Fund.

This item will be heard at the Environment Committee prior to Council.

Key Stakeholders and Community Outreach Efforts:

The primary stakeholders are the citizens of San Diego who benefit from removal of overhead utilities across the city. The process of undergrounding creates impacts typically associated with construction in the street right-of-way, including lane closures. Private property owners are impacted by construction on their property to connect the underground lines. These inconveniences are minimized through planning and notification.

Kris McFadden

Department Director

Johnnie Perkins

Deputy Chief Operating Officer,
Infrastructure/Public Works

REPORT TO THE CITY COUNCIL
Status of the Utility Undergrounding Program

Attachment 1
Program Status Information

- a) Status of Allocated Underground Conversion Projects
- b) Program Expenditures

Rule 20A Projects in Construction Phase

Construction Phase includes underground conversion in right of way and private properties, community forums, CIP construction and removal of overhead utilities

CD	Project Name	Project Limits	Miles	Properties	Estimated Cost
2	Mission Boulevard	(Loring St to Turquoise St)	0.3	25	\$946,538
2	Fanuel Street (Phase III)	(Grand Ave to Pacific Beach Dr/Bay)	0.5	74	\$1,744,516
2	Cass Street	(Grand Ave to Pacific Beach Dr)	0.3	23	\$935,617
2	Illion Street	(Gardena Ave to Milton St)	0.3	39	\$859,565
2	Sunset Cliffs Boulevard	(Coronado Ave to Newport Ave)	0.4	37	\$1,169,086
3	Howard Avenue (Phase I)	(Park Bl to Texas St)	0.5	59	\$1,421,848
3	Howard Avenue (Phase II)	(Texas St to I-805)	0.8	114	\$2,485,735
3	30th Street (Phase IIIB)	(A St to K St)	1.6	15	\$436,839
3	Lincoln Avenue	(30th St to Wabash Ave)	0.5	42	\$1,020,321
4	Woodrow Avenue	(Calvocado St to Armacost Rd)	0.3	36	\$725,639
4	San Vicente Street (Phase I)	(San Vicente Ct to Ashmore Ln)	0.3	74	\$1,908,996
4	Cardiff Street	(Wade Street to Carlisle Dr)	0.2	13	\$543,238
4	San Vicente Street (Phase II)	(Meadowbrook Dr to San Vicente Ct)	0.1	28	\$431,103
4	Hughes Street	(58th St to Jodi St)	0.4	50	\$986,948
7	Golfcrest Drive	(Jackson Dr to Wandermere Dr)	0.4	45	\$968,426
8	28th Street	(Island Ave to Clay Ave)	0.4	75	\$1,267,157
8	32nd Street (Phase I)	(Market St to F St)	0.1	14	\$423,246
8	31st Street (Distribution)	(Market St to L St)	0.3	23	\$800,763
8	Coronado (SB) Avenue	(27th (SB) St RA to Madden Ave)	0.3	37	\$736,737
8	25th (SB) Street	(Coronado Ave to Grove Ave)	0.2	4	\$401,292
8	32nd Street (Phase II)	(Market St to Imperial Ave)	0.4	34	\$1,156,955
9	National Avenue	(32nd St to 43rd St)	1.7	73	\$2,407,400
9	Wightman Street	(Chamoune Ave to Euclid Ave)	0.3	35	\$707,932
9	Hilltop Drive (Phase I)	(Boundary St to Toyne St)	0.4	55	\$1,290,758
9	Seminole Drive (Phase I)	(Stanley Ave to Estelle St)	0.2	29	\$642,897
9	Trojan Avenue (Phase II)	(54th St to 56th St)	0.3	14	\$620,766
Totals			11.6	1,067	\$27,040,318

Surcharge Projects in Construction Phase

Construction Phase includes underground conversion in right of way and private properties, community forums, CIP construction and removal of overhead utilities

CD	Project Name	Community	Miles	Properties	Estimated Cost
1	Residential Project Block 1M	(Muirlands-West)	2.6	238	\$9,770,502
2	Residential Project Block 2S1	(South Mission Beach)	2.6	542	\$4,622,384
2	Residential Project Block 6DD1	(Clairemont Mesa)	3.9	457	\$7,593,330
3	Residential Project Block 8A	(Golden Hill)	2.0	516	\$3,234,609
3	Residential Project Block 8B	(Sherman Heights 3)	2.3	400	\$4,475,017
4	Residential Project Block 4J1	(Chollas Blk)	2.3	330	\$14,352,565
6	Murphy Canyon Transmission	(Kearny Mesa)	3.7	-	\$9,800,000
8	Residential Project Block 8G	(Sherman Heights 2)	2.0	345	\$3,373,928
9	Residential Project Block 3HH	(Talmadge 3)	3.1	377	\$4,506,205
9	Residential Project Block 7O1	(Walsh Way)	2.7	344	\$9,057,588
Totals			27.0	3,549	\$70,786,128

Rule 20A Projects in Design Phase

Design Phase includes engineering design by all utilities, CIP design, community meetings, permitting and procuring construction contracts

CD	Project Name	Project Limits	Miles	Properties	Estimated Cost
1	Via de la Valle (Phase I)	(Highland CV to Via de la Valle)	0.4	0	\$764,320
1	Via de la Valle (Phase II)	(San Andres Dr to Via de la Valle)	0.6	0	\$1,186,426
2	Hancock Street	(Witherby St to W Washington St)	0.6	21	\$1,336,529
2	Ingraham Street	(Beryl St to Felspar St)	0.5	30	\$1,307,238
2	Ingulf Street	(Morena Bl to Erie St)	0.2	10	\$507,700
2	Baker Street/Shawnee Road	(Morena Bl to Shawnee Rd N)	0.9	109	\$2,483,924
2	Fanuel Street (Phase I)	(Archer St to Tourmaline St)	0.3	14	\$427,577
3	San Diego Avenue	(Old Town Ave to McKee St)	0.7	63	\$1,957,231
3	Redwood Street	(Pershing Dr to Boundary St)	1.0	107	\$2,685,422
4	Hilltop Drive (Phase II)	(44th St to Euclid Ave)	0.9	80	\$2,314,706
6	Mount Acadia Boulevard	(Mt Alifan Dr to Mt Burnham Dr)	0.7	81	\$1,761,594
6	Marlesta Drive/Beagle Street	(Genesee Ave to Beagle St/Marlesta Dr to Ashord St)	1.0	108	\$2,680,910
8	Sampson Street	(Main St to Clay Ave)	0.6	59	\$1,780,965
8	30th Street (Phase IIIC)	(Ocean View Bl to K St)	0.8	49	\$2,079,996
8	Iris Avenue	(Via Suspiro to Iris Ave)	0.3	9	\$783,621
8	Cesar Chavez Pkwy	(I-5 to Commercial St)	0.3	20	\$796,364
9	Orange Avenue	(Central Ave to Fairmount Ave)	0.3	51	\$1,030,322
9	Seminole Drive (Phase II)	(El Cajon Bl to Stanley Ave)	0.3	55	\$997,481
Totals			10.4	866	\$26,882,326

Surcharge Projects in Design Phase

Design Phase includes engineering design by all utilities, CIP design, community meetings, permitting and procuring construction contracts

CD	Project Name	Community	Miles	Properties	Estimated Cost
1	Residential Project Block 1J PHII	(Via Capri)	1.6	263	\$7,437,268
1	Residential Project Block 1M1	(Newkirk Drive)	2.3	202	\$12,782,319
1	Via de la Valle	(Highland Cove to Polo Point)	1.9	0	\$23,802,012
1	Residential Project Block 1J	(La Jolla 2)	2.5	216	\$10,276,716
2	Residential Project Block 2S2	(Jersey Court)	2.1	485	\$10,005,170
2	Residential Project Block 6H	(Trenton Ave)	3.9	560	\$21,194,727
2	Residential Project Block 2BB	(Pacific Beach)	3.7	502	\$16,350,807
3	Residential Project Block 8C	(C Street)	1.7	428	\$20,841,774
4	Residential Project Block 4Y	Jamacha Lomita	2.2	312	\$20,867,623
5	Camino Del Norte Transmission	(Rancho Bernardo)	1.7	0	\$983,838
6	Residential Project Block 6K1	(North Clairemont)	3.0	395	\$19,534,837
7	Residential Project Block 7T	(Allied Gardens)	2.8	389	\$14,889,494
8	Residential Project Block 8R	(Egger Highlands)	2.2	243	\$12,284,242
9	Residential Project Block 7G2	(Rolando)	2.6	364	\$10,227,871
Totals			34.2	4,359	\$201,478,698

Rule 20A Projects in Environmental Planning Phase

Environmental Planning includes environmental review process, public notice mailings, district creation and surveying

CD	Project Name	Project Limits	Miles	Properties	Estimated Cost
1	Soledad Road	(Soledad Mt Rd to Park Dr)	1.3	104	\$3,206,452
1	Sorrento Valley Road	(Sorrento Valley Rd to I-805 SB off RA)	0.9	5	\$1,966,997
1	El Camino Real	(Old El Camino Real to Via de la Valle)	1.1	0	\$1,482,706
2	Cable Street	(Orchard Ave to Narragansett Ave)	0.4	45	\$1,204,376
2	Cable Street (Phase II)	(Narragansett Ave to Lotus St)	0.4	45	\$1,204,376
3	India Street	(W Olive St to Washington St)	0.9	51	\$2,323,647
4	Woodman Street	(Skyline Dr to Imperial Ave)	0.6	71	\$1,737,583
7	Fairmount Avenue	(Mission Gorge Rd to Sheridan Ln)	0.7	31	\$1,687,394
7	Cowles Mtn Boulevard	(Blue Lake Dr to Lake Andrita Ave))	0.4	33	\$1,000,120
7	Cowles Mtn Boulevard	(Lake Andrita Ave to Cowles Mtn Ct)	0.4	46	\$1,205,464
9	70th Street	(Eberhart St to Alvarado Rd)	0.5	49	\$1,293,852
Totals			7.7	480	\$18,312,967

Surcharge Projects in Environmental Planning Phase

Environmental Planning includes environmental review process, public notice mailings, district creation and surveying

CD	Project Name	Community	Miles	Properties	Estimated Cost
1	Residential Project Block 1S	(University City)	2.4	291	\$18,678,019
1	Residential Project Block 1H	(La Jolla)	2.4	252	\$17,590,887
1	Residential Project Block 1Y	(Del Mar Heights/Carmel Valley)	2.6	82	\$12,063,192
2	Residential Project Block 2S3	(Mission Beach)	2.0	511	\$9,172,949
2	Residential Project Block 2K	(Sunset Cliffs / Wooded Area)	2.9	270	\$12,233,172
2	Residential Project Block 6H1	(Bay Park)	4.0	660	\$20,958,097
3	Residential Project Block 3BB	(Adams North)	2.5	424	\$16,547,767
3	Residential Project Block 3BB2	(Normal Heights)	2.4	426	\$13,933,697
3	Residential Project Block 2F	(Old Town / Mission Hills)	2.1	234	\$8,695,468
3	Residential Project Block 3DD	(Adams North)	2.8	387	\$17,271,255
4	Residential Project Block 4R1	(Encanto / Emerald Hills)	3.3	416	\$20,813,526
4	Residential Project Block 4X	(Jamacha Lomita)	2.3	284	\$7,083,416
4	Residential Project Block 4X1	(Jamacha Lomita)	2.3	320	\$7,417,912
4	Residential Project Block 4Y1	(Jamacha Lomita)	2.3	312	\$13,471,148
6	Residential Project Block 6K	(North Clairemont)	3.1	424	\$18,083,928
6	Residential Project Block 6K2	(North Clairemont)	2.9	448	\$14,746,062
7	Residential Project Block 7R1	(Allied Gardens)	2.5	332	\$16,746,348
7	Residential Project Block 7U	(Del Cerro)	2.8	224	\$14,640,220
8	Residential Project Block 8H	(Barrio Logan)	2.1	205	\$23,432,273
8	Residential Project Block 8I	(Logan Heights)	2.3	335	\$18,859,247
8	Residential Project Block 8R1	(Egger Highlands)	2.0	244	\$14,453,389
9	Residential Project Block 3AA	(Kensington)	2.8	306	\$19,364,443
9	Residential Project Block 3AA1	(Teralta West / Kensington)	2.8	255	\$11,958,445
9	Residential Project Block 3CC1	(Kensington)	2.8	405	\$14,943,615
9	Residential Project Block 7O	(College West)	2.5	113	\$12,355,577
9	Residential Project Block 8N	(Southcrest)	2.0	239	\$15,345,039
Totals			66.9	8,399	\$390,859,091

Rule 20A Projects in Allocated Phase

Allocated Phase includes conducting boundary walks with all utilities, boundary refinement and submitting for environmental review process

CD	Project Name	Project Limits	Miles	Properties	Estimated Cost
2	Worden Street	(Barnard St to Nipoma Pl)	0.2	3	\$477,149
2	Worden Street	(Larga Cr to Midway Dr)	0.3	12	\$642,963
2	Worden Street	(Larga Cr to Nipoma Pl)	0.4	74	\$1,170,279
3	Boundary Street	(Laurel St to Little Flower St)	0.4	55	\$1,217,901
3	Kite Street	(Union St to Sutter St)	0.4	62	\$1,269,968
4	S 58th Street	(Churchward St to Skyline Dr)	0.2	25	\$487,126
4	69th Street	(Madrone Ave to Imperial Ave)	0.2	19	\$619,645
4	69th Street	(Madrone Ave to Skyline Dr)	0.4	56	\$1,266,975
4	Chollas View Segment 02	(Chollas View)	0.4	0	\$1,278,355
6	Auburndale Street	(Marlestar Dr to Thornwood St)	0.3	48	\$840,113
6	Auburndale Street	(Thornwood St to Mt Aguilar Dr)	0.4	46	\$1,244,653
6	Mt Albertine Avenue	(Balboa Ave to Mt Aguilar Dr)	0.2	13	\$561,195
6	Doliva Drive	(Chandler Dr to Clairemont Mesa Bl)	0.5	34	\$1,302,262
7	Clairemont Mesa Boulevard	(I-15 to Antigua Bl)	0.6	0	\$1,179,692
7	Murray Road	(Macawa Ave to Harjoan Ave)	0.6	72	\$1,776,172
8	Ingrid Avenue	(Green Bay St to 1-5 SB)	0.4	53	\$1,130,816
8	27th (SB) Street	(Iris Ave to Grove Ave)	0.3	15	\$616,686
9	Euclid Avenue	(Home Ave to Chollas Rd)	0.2	11	\$482,795
9	54th Street	(Adams Ave to Montezuma Rd)	0.6	75	\$1,705,945
9	54th Street	(El Cajon Bl to Adams Ave)	0.3	91	\$1,089,330
Totals			7.4	764	\$20,360,020

Surcharge Projects in Allocated Phase					
Allocated Phase includes conducting boundary walks with all utilities, boundary refinement and submitting for environmental review process					
CD	Project Name	Community	Miles	Properties	Estimated Cost
1	Residential Project Block 1A	(Cam De La Costa to Tourmaline)	2.4	366	\$17,849,838
1	Residential Project Block 1B	(Cam Dela Costa to Folsom)	2.4	198	\$14,433,019
1	La Jolla 13	(La Jolla)	2.5	249	\$11,461,502
1	La Jolla 07	(La Jolla)	1.6	214	\$8,260,115
1	La Jolla 16	(La Jolla)	2.2	232	\$10,335,067
1	La Jolla 02	(La Jolla)	2.5	117	\$9,722,930
2	Residential Project Block 2V1	(Bay Park)	2.2	540	\$11,340,791
2	Residential Project Block 6B	(Pacific Beach)	3.0	389	\$16,902,073
2	Residential Project Block 6B1	(Bay Park)	3.0	340	\$15,966,326
2	Residential Project Block 2S4	(Venice Ct)	2.6	521	\$11,409,451
2	Bay Park 01	(Bay Park)	3.2	221	\$14,046,370
2	Sunset Cliffs 01	(Sunset Cliffs)	1.6	200	\$8,187,840
2	Sunset Cliffs 03	(Sunset Cliffs)	2.0	229	\$9,584,606
2	Loma Portal 03	(Loma Portal)	2.8	234	\$12,661,156
2	Pacific Beach 16	(Pacific Beach)	2.4	226	\$10,898,212
2	Wooded Area 04	(Wooded Area)	2.8	237	\$12,309,409
2	La Playa 01	(La Playa)	2.3	197	\$10,516,589
3	Residential Project Block 3BB1	(North Park)	2.5	439	\$12,809,185
3	Residential Project Block 2D3	(Normal Heights)	3.0	359	\$13,762,460
3	Residential Project Block 3Y	(Mission Hills)	2.6	391	\$15,041,951
3	University Heights 05	(University Heights)	1.5	224	\$8,450,001
3	Mission Hills 04	(Mission Hills)	1.8	205	\$8,823,283
3	Midtown 04	(Midtown)	1.6	203	\$8,099,541
3	University Heights 02	(University Heights)	1.7	218	\$9,052,175
3	Midtown 05	(Midtown)	2.1	208	\$9,980,025
3	Midtown 01	(Midtown)	1.5	204	\$7,523,842
4	Residential Project Block 4W	(Skyline)	2.2	263	\$10,412,735
4	Residential Project Block 4Y2	(Rolando)	2.5	339	\$13,802,481
4	Residential Project Block 7E1	(Jamacha Lomita)	2.4	309	\$14,962,753
4	Chollas View 02	(Chollas View)	1.9	218	\$8,994,648

Attachment 1(a)
Status of Allocated Underground Conversion Projects

4	Chollas View 01	(Chollas View)	2.2	221	\$10,224,045
4	Oak Park 05	(Oak Park)	1.5	234	\$8,155,726
4	Bay Terraces 01	(Bay Terraces)	1.7	229	\$8,294,307
4	Skyline 02	(Skyline)	2.0	223	\$9,259,399
4	Skyline 01	(Skyline)	1.6	135	\$7,366,481
4	Paradise Valley Road Transmission	(Brookhaven Rd to Meadowbrook Dr)	1.2	0	\$3,264,282
6	Residential Project Block 6L	(Clairemont Mesa East)	3.1	421	\$21,430,905
6	Clairemont Mesa West 13	(Clairemont Mesa West)	1.2	152	\$5,966,528
6	Clairemont Mesa East 18	(Clairemont Mesa East)	1.4	203	\$7,141,686
6	Clairemont Mesa East 13	(Clairemont Mesa East)	0.9	139	\$4,948,877
6	North Clairemont 04	(North Clairemont)	2.0	236	\$9,548,037
7	Residential Project Block 7Q	(Allied Gardens)	2.6	364	\$15,140,727
7	Serra Mesa 04	(Serra Mesa)	1.8	232	\$8,840,967
7	Linda Vista 10	(Linda Vista)	1.2	163	\$6,197,928
7	Lake Murray 12	(Lake Murray)	2.0	209	\$9,024,277
8	Residential Project Block 8Q	(Nestor)	2.2	169	\$27,809,485
8	Logan Heights 01	(Logan Heights)	1.3	188	\$6,602,180
8	San Ysidro 03	(San Ysidro)	0.5	42	\$2,473,842
8	Residential Project Block 8S	(Egger Highlands)	2.4	285	\$10,436,974
9	Residential Project Block 7L1	(College Area)	2.6	369	\$15,276,376
9	Southcrest 01	(Southcrest)	1.9	207	\$9,086,884
9	Fairmont Village 02	(Fairmont Village)	1.2	205	\$6,645,654
9	College East 01	(College East)	1.4	179	\$7,191,128
9	Rolando 03	(Rolando)	2.0	236	\$9,747,152

Totals	110.4	13,331	\$577,674,221
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San Diego Gas & Electric Co. (SDG&E) Expenditures (Period 1 - 12)
Reimbursed by the Underground Surcharge Fund in FY 2018

Source: SDG&E Monthly Invoices

Project	Limits or Community	FY 2018 Expenditures
Camino Del Norte Transmission	Rancho Bernardo	\$433.55
Gold Coast Transmission	Maya Linda Road to Thanksgiving Lane	\$9,596.75
Paradise Valley Road Transmission	Brookhaven Road to Meadowbrook Drive	\$1,900.44
Residential Project 1M	La Jolla	\$2,362,630.29
Residential Project 2E	Mission Hills	\$57,340.24
Residential Project 2S1	Mission Beach	\$3,846,686.93
Residential Project 3HH	Talmadge 3	\$150,857.37
Residential Project 4J1	Chollas Blk	\$19,879.47
Residential Project 4N	North Encanto	\$95,112.54
Residential Project 7O1	College Area	\$2,946,042.37
Residential Project 8A	Golden Hills	\$2,525,802.67
Residential Project 8B	Sherman Heights	\$1,600,230.74
Residential Project 8F	Sherman Heights	\$1,091,757.41
Residential Project 8G	Sherman Heights	\$281,960.07
Residential Project Block 6DD	Bay Ho	\$51,070.56
Residential Project Block 6DD1	Clairemont Mesa	\$4,936,621.92
Residential Project Block 7A	City Heights	\$415,574.98
Residential Project Block 7R	Allied Gardens	\$41,977.53
Total =		\$20,435,475.83

Capital Improvement Program (CIP) Expenditures Funded by the Undergrounding
Surcharge Fund
Periods 1-12

Report Run on 09/26/18

Source: SAP

WBS #	Project Name	Actuals
B00705	Island Ave 20th-30th	\$ 10,872.37
B00708	District 1 Block 1-F UUD	\$ 7,137.47
B00709	District 2 Block 2-E UUD	\$ 1,353,447.36
B00710	District 3 Block 3-FF UUD	\$ (27,777.41)
B00711	District 4 Block 4-G	\$ 5,506.86
B00714	District 8 Block 8-F UUD	\$ 24,327.29
B00717	30th Street PhaseIII	\$ 357,367.47
B00718	Trojan Ave 56th to 60th UUD	\$ 332,567.15
B00719	30th Street PhaseIII	\$ 191,364.69
B00720	Sunset Cliffs Dr UUD	\$ 167,354.67
B00721	Fanuel St PI Archer	\$ 3,700.26
B00722	Fanuel St III SL	\$ 47,459.91
B00725	San Vicente I-II SL	\$ 159,278.12
B00726	Moraga Ave to Idelwild UUD	\$ 127,478.80
B00787	Natl Ave (32nd to 43rd) UUD	\$ 212,527.47
B00788	Morage Ave Phase II	\$ 177,330.06
B00824	District 2 Block 2J UUD	\$ 2,989.97
B00825	District 3 Block 3EE UUD	\$ (15,148.59)
B00826	District 4 Block 4AA UUD	\$ 209,018.84
B00827	District 6 Block 6J UUD	\$ 2,176.12
B00829	District 8 Block 8G UUD	\$ 5,169.73
B00835	District 2 Block 2-T UUD	\$ 116,832.35
B00836	District 1 Block 1-J UUD	\$ 711.64
B00837	Block 3HH SL UU352	\$ 146,755.10
B00838	District 4 Block 4-Z UUD	\$ 385,697.85
B00839	District 6 Block 6-I UUD	\$ 369.96
B00841	District 8 Block 8-B UUD	\$ 844,984.13
B00842	District 7 Block 7-A UUD	\$ 754,337.81
B00848	Briarwood-Brookhaven	\$ 6,112.19
B00850	Altadena/Wightman	\$ 605,903.93
B00851	K Street - 19th to 30th UUD	\$ 757.92
B11131	EuclidAv UUD Stlight	\$ 479,727.16
B12001	30th St UUD StLights	\$ 503.77
B12055	Block 4N North Encanto UUD	\$ 453,462.18
B12056	Block 8A SL UU494	\$ 127,622.59

B12064	Block 7R Allied Gardens UUD	\$	352,115.68
B12065	Block 6DD Bay HO 3 UUD	\$	422,323.14
B12066	Lincoln Av UUD (30th	\$	347,788.81
B12067	Block 2S1 So Mission	\$	61,490.81
B12069	Potomac St UUD	\$	218,792.22
B13143	31st Street UUD	\$	7,966.68
B13144	32nd Street UUD	\$	17,342.44
B13145	Cardiff St. SL UU10	\$	26,785.92
B13146	Howard Avenue UUD	\$	63,913.63
B13147	Illion St SL UU624	\$	43,167.32
B13148	Mount Alifan SL UU21	\$	61,681.97
B13149	Paradise Vly Rd UUD	\$	6,328.11
B13150	Via De La Valle UUD	\$	81.00
B13151	Block 1M UUD (La Jolla 4)	\$	36,999.90
B13152	Block 4-J1 UUD (Mid City)	\$	1,467.90
B13153	Block 6DD1 UUD	\$	52,747.93
B13154	Block 7O1 UUD (College Area)	\$	37,337.74
B13155	Block 8C UUD	\$	4,430.94
B13156	28th St. SL UU9	\$	41,340.54
B15084	Block 1M1 UUP (La Jolla)	\$	4,077.11
B15085	Block 7G2 UUP	\$	68,714.21
B15086	Block 6H UUP	\$	3,439.83
B15087	Block 4Y UUP	\$	49,906.14
B15088	25th (SB) Street UUP	\$	15,154.22
B15089	32nd Street UUP	\$	13,719.95
B15090	Baker/Shawnee Rd UUP	\$	522.32
B15091	Woodrow Ave SL UU16	\$	43,895.19
B15092	Wightman Street UUP	\$	21,338.94
B15093	Seminole Drive UUP	\$	12,711.95
B15094	Mission Blvd UUP	\$	27,721.62
B15095	Hilltop Drive UUP	\$	39,102.11
B15096	Hancock Street UUP	\$	13,563.90
B15097	Block 8R UUP	\$	75,323.80
B15098	Block 2S2 UUP	\$	3,983.53
B17007	Cass St SL UU143	\$	3,599.46
B17008	Coronado SB SL UU193	\$	1,586.93
B17009	Golfcrest SL UU584	\$	25,794.57
B17010	Hughes St. SL UU101	\$	10,612.79
B17011	Ingraham St SL UU141	\$	259.70
B17013	Seminole P2 SL UU630	\$	708.07
B17068	Blk 3HH_UU352_Talnad	\$	70,186.66
B17069	Cardiff St_UU10	\$	25,263.41
B17070	28th St_UU9 Rd Impro	\$	44,961.93
B17071	Fanuel St Ph 3_UU188	\$	5,386.62
B17072	Illion St_UU624	\$	21,535.66

Attachment 1(a)
Status of Allocated Underground Conversion Projects

B17073	Mt Alifan_UU21	\$ 24,198.09
B17074	Block 8A_UU494	\$ 41,664.12
B17097	Woodrow UU16 Rd Impv	\$ 21,042.08
B17098	San Vicente PH I-II	\$ 1,975.28
B18136	Howard Phase I & II	\$ 1,846.26
Total Expenditures		\$ 9,775,826.32

Funded Program Expenditures Funded by the Undergrounding Surcharge Fund in FY'18
Periods 1 - 12

Report Run on 09/26/18

Source: SAP

Description	FY'18 Actuals
21002637 UUP-Build Per Insp	\$ 689,930.07
21002638 Bldg Permit AdminUUP	\$ 611.25
21002639 Archeological Monitoring - UUP	\$ 977,902.35
21002640 Lab Testing - UUP	\$ 237.37
21002641 Tree Planting - UUP	\$ 150,672.46
21002642 UUP 200217	\$ 16,140.52
21002643 UUP-Mit Mon Coord	\$ 2,399.64
21002644 Field Inspection - UUP	\$ 201,372.78
21002645 Surveying - UUP	\$ 524,674.74
21002647 Analyst / Admin Support - UUP	\$ 557,697.85
21002649 Design Review - UUP	\$ 42,225.50
21003103 DSD/NCC & Misc Suppt	\$ 115,198.05
21003598 UU209 Block 7G2	\$ 151,934.16
21003599 UU667 Block 8R Design for SDGE	\$ 81,418.41
21003600 UU889 Block 4Y Design for SDGE	\$ 100,603.20
21003606 MASTER PLAN CONSULT	\$ 184,644.08
21003851 UU9 28th Street PPWork-20A	\$ 17,685.60
21003852 UU10 Cardiff Street PPWork-20A	\$ 1,548.60
21003853 UU188 Fanuel Ph III	\$ 24,377.26
21003854 UU624 Illion Street PPWork-20A	\$ 90,130.39
21004085 UU16 Woodrow Ave PPWork-20A	\$ 107,631.41
21004087 UU977 Block 2S1 PPWork	\$ 38,522.88
21004088 UU17 32nd Phase II PPWork-20A	\$ 8,837.46
21004089 UU505 San Vicent Ph2	\$ 84,053.01
21004090 UU30 Mission Blvd PPWork-20A	\$ 5,617.46
21004091 UU659 Block 1M	\$ 531,344.77
21004092 UU99 Trojan Phase II	\$ 5,755.97
21004093 UU973 Block 7O1 PPWork	\$ 423,868.05
21004123 UU386 32nd Phase I PPWork-20A	\$ 1,231.11
21004124 UU857 Block 6K1 PPWork	\$ 136,281.14
21004125 UU65 Block 7T PPWork	\$ 121,689.68
21004126 UU957 Block 7O PPWork 20SD	\$ 146,338.28
21004127 UU668 Block 8R1 PPWork	\$ 44,819.98
21004128 UU789 Block 4Y1 PPWork	\$ 1,517.55
21004144 UU71 Howard Ave. Ph1	\$ 18,700.52

21004145 UU72 Howard Ave. Ph2	\$ 39,051.73
21004147 UU11 31st Street PPWork-20A	\$ 109,144.41
21004148 UU410 Block 6DD1	\$ 716,111.66
21004161 UUP_Preliminary & Contract	\$ 368,525.58
21004179 UU854 Block 2BB	\$ 26,140.33
21004242 UU584 Goldcrest Dr	\$ 3,541.98
21004310 UU15 Hancock Street PPWork-20A	\$ 235.00
21004311 UU995 25th St. (SB)	\$ 20,241.22
21004312 UU101 Hughes Street PPWork 20A	\$ 7,122.94
21004313 UU525 Blk 4J1 1-2	\$ 1,820.32
21004314 UU617 Hilltop Dr. II	\$ 15,135.10
21004315 UU143 Cass Street PPWork 20A	\$ 17,344.47
21004316 UU598 San Diego Ave.	\$ 830.00
21004317 UU629 Seminole Dr. I	\$ 2,530.30
21004318 UU193 Coronado (SB)	\$ 55,036.41
21004321 UU874 Block 6H Jobs 1-2 PPWork	\$ 246.10
21004450 UU232 BLK 1S PPWORK	\$ 727.33
21004451 UU906 BLK 3CC1 PWORK	\$ 727.33
21004474 As-Needed GeoTechnical	\$ 2,644.58
BALANCE	\$ 6,994,770.34

SDG&E INVOICE VERIFICATION REPORT			Date - April 3rd 2018
Project	Project Block 2T - Cable Job, WO - 2927704	Project Block 6I - OH RFS Job 1, WO - 2927716	Patrick Henry High Block Project, WO - 2927744
Invoice Verification Meeting 1	Date : 11/13/2017		
City Staff Present during the Invoice Verification Meeting	Patrick Hadley, Kaitlyn Nguyen, Sameera Rao		
SDG&E Staff Present during the Invoice Verification Meeting	Kathy Valdivia, Alton Kwok		
Invoice Verification Meeting 2	Date : 12/19/2017		
City Staff Present during the Invoice Verification Meeting	Patrick Hadley, Kaitlyn Nguyen, Sameera Rao		
SDG&E Staff Present during the Invoice Verification Meeting	Kathy Valdivia, Alton Kwok		
Invoice Verification Meeting 3	Date : 1/25/2018		
City Staff Present during the Invoice Verification Meeting	Kaitlyn Nguyen, Sameera Rao		
SDG&E Staff Present during the Invoice Verification Meeting	Alton Kwok		
Invoice Verification Meeting 4	Date : 3/28/2018		
City Staff Present during the Invoice Verification Meeting	Kaitlyn Nguyen, Sameera Rao		
SDG&E Staff Present during the Invoice Verification Meeting	Alton Kwok		
Final Billing Invoice - Subcontractor Charges	\$56,045.11	\$37,533.86	\$247,075.26
Cost Summary Sheet provided by SDG&E + Subcontractor Invoices	\$48,868.67	\$35,830.85	\$229,453.09
Un verified Costs	\$7,176.44	\$1,703.01	\$17,622.17
% verified	87%	95%	93%
Invoice Verification Outcome	Complete	Complete	Complete