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March 29, 2017

PUG 100
C.8209

Timothy Sullivan, Executive Director
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

SUBJECT: SDG&E's 2016 REPORT OF RULE 20 CONVERSIONS

Dear Mr. Sullivan:

In accordance with Ordering Paragraph (OP) 7 of Decision 73078 in Case 8209, and OP 4 of Decision 01-12-009, San Diego Gas & Electric Company is submitting a full report on its overhead to underground conversion work completed during the year 2016, including a list and description of each project. You will find the report broken into categories of Rule 20A, 20B, and 20C.

The overall status of our 20A conversion program in our service territory as of December 31, 2016, and a list of definitions, in accordance with the format requested by the California Public Utilities Commission is contained in the attached report.

If you have any questions regarding this report, please contact Megan Caulson at (858) 654-1748.

Sincerely,

Clay Faber
Director -- Regulatory Affairs

cc: D. Lee, CPUC
S. Peterson, SDG&E
Pacific Gas & Electric
Southern California Edison
AT&T



REPORT OF RULE 20A CONVERSIONS

UTILITY: **SAN DIEGO GAS & ELECTRIC**

YEAR ENDING: **2016**

ALLOCATIONS FOR CONVERSIONS

1. Total allocations (1968 - 2015)		\$767,368,780
2. Report year's allocation (2016)	\$26,044,108	
3. Total allocations through report year (1968 - 2016) (1+2)		\$793,412,888

EXPENDITURES FOR CONVERSIONS

4. Total expended for completed conversions (1968-2015) (from 2015 report)	\$679,938,102	
5. Total report year expended for completed conversions (2016)	\$26,338,087	
6. Total expended for completed conversions through report year (1968-2016) (4+5)		\$706,276,189
7. Total expended on conversions not completed by report year-end (2016)	\$66,846,169	
8. Total expended (6+7)		\$773,122,358

TOTAL UNEXPENDED FUNDS (3-8)

9. If expenditures are greater than allocations		\$0
10. If allocations are greater than expenditures (One of the above (9 or 10) will always be -0-)		\$20,290,530

FUNDS COMMITTED

11. Total funds authorized to complete partially completed jobs shown on Line 7	\$4,953,822	
12. Funds for jobs not under construction where U.G. districts have been formed under enabling legislation	\$78,032,648	
13. Total Committed (11+12)		\$82,986,470

ADDITIONAL FUNDS COMMITTED

14. Funds required for identified projects under study by active U.G. Communities as of report year. *	* No longer used as of 12/31/2008	
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MEMO INFORMATION

15. Advance for specific communities beyond current allocations		-\$2,295,933
16. Reserve funds held for specific communities for which no specific current projects are under study as of report year-end.		-\$62,695,940
17. Expenditures to Case 9365 (Transmission dollars which are included in the total cost above in Line 8) *	* No longer used as of 12/31/2008	

RULE 20A DEFINITIONS

1. Total Rule 20A funds committed by the Utility. This amount is equal to the Company's total allocation from the year of inception to prior report year.
2. This amount is the Company total for the report year Rule 20A allocation.
3. Total of Line 1 plus Line 2 which is the base for this year's report.
4. Total expended for completed conversion jobs from inception through prior report year.
5. Total expended for completed conversion jobs for the report year.
6. Total of Line 4 plus Line 5.
7. Total expended for conversion jobs not yet completed through report year.
8. Total of Line 6 plus Line 7.
9. Expenditures that are greater than allocations:
Line 8 minus Line 3 = overexpended funds.
10. Expenditures that are less than allocations:
Line 3 minus Line 8 = unexpended funds.
11. Total funds authorized to complete the conversion jobs reported in Item Line 7.
12. Funds committed for conversion jobs where the Underground District has been established under enabling legislation.
13. Total of Line 11 plus Line 12.
14. Additional funds committed for specific identified jobs under study by active U.G. communities as of report year-ending.*
15. The total sum for specific aggressive communities that have expended and committed funds that exceed their report year allocation.
16. The total sum for specific communities that have not expended or committed funds equal to their report year allocation.
17. Expenditures to Case 9365 (transmission dollars which are included in Line 8 above).*

* Items 14 and 17 no longer used as of 12/31/2008.



**TOTAL SUMMARY
SAN DIEGO GAS & ELECTRIC
REPORT ON CONVERSION OF OVERHEAD TO UNDERGROUND
ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

<u>Rule</u>	<u>Location</u>	<u>Distribution of Costs</u>
20A	City of National City	\$3,752,012
	City of San Diego	\$16,957,870
	County of San Diego	\$5,493,435
	20A TOTAL	\$26,203,317
	Adjustments to previously reported jobs	\$134,770
20A GRAND TOTALS:		\$26,338,087



**TOTAL SUMMARY
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ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

DISTRIBUTION OF COSTS

<u>Rule</u>	<u>Location</u>	<u>Total</u>	<u>Other</u>	<u>Utility</u>
20B				
	City of Lemon Grove	\$121,374	\$81,476	\$39,898
	City of Oceanside	\$413,701	\$144,847	\$268,854
	City of Poway	\$32,288	\$8,602	\$23,686
	County of San Diego	\$540,512	\$111,184	\$429,328
	City of San Juan Capistrano	\$596,801	\$440,366	\$156,435
	City of Santee	\$3,023,595	\$2,148,181	\$875,414
	City of Vista	\$1,166,270	\$413,103	\$753,167
	20B TOTALS:	\$5,894,541	\$3,347,759	\$2,546,782
20C				
	City of Carlsbad	\$719,141	\$586,515	\$132,626
	City of Del Mar	\$74,567	\$49,651	\$24,916
	City of Encinitas	\$148,151	\$73,973	\$74,178
	City of Escondido	\$363,953	\$181,615	\$182,338
	City of National City	\$77,005	\$56,831	\$20,174
	County of Oceanside	\$218,663	\$114,488	\$104,175
	City of San Diego	\$553,994	\$341,835	\$212,159
	County of San Diego	\$261,932	\$179,560	\$82,372
	City of San Marcos	\$15,613	\$14,716	\$897
	20C TOTALS:	\$2,433,019	\$1,599,184	\$833,835



**RULE 20A
SAN DIEGO GAS & ELECTRIC
REPORT ON CONVERSION OF OVERHEAD TO UNDERGROUND
ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

DISTRIBUTION OF ALLOCATION COSTS

<u>Description and Location</u>	<u>City/County</u>	<u>Total Costs</u>
NATIONAL CITY		
8th Street 20A Dist 24 - CP #532152 (National City Blvd to Highland Ave) Work Orders: 2838681, 2838682, 2838684, 2838685, 2939000, 2939001, 2560750 Trench Footage: 7,485 No. of Services: 32 Poles Removed: 42	\$3,752,012	\$3,752,012
SAN DIEGO		
Sunset Cliffs Blvd Ph1 20A #054355 (Coronado Ave to Newport Ave) Work Orders: 2935820, 2935821, 2935822, 2935823, 2935824, 2333467 Trench Footage: 7,096 No. of Services: 48 Poles Removed: 15	\$4,411,359	
Potomac St 20A #054367 (Calle Tres Lomas to Sea Breeze Dr)) Work Orders: 2935900, 2935901, 2935902, 2935903, 2935904 Trench Footage: 6,912 No. of Services: 54 Poles Removed: 21	\$2,741,817	
Moraga Ave Ph 2 #054370 (Moraga Ct to Balboa Ave) Work Orders: 2935910, 2935911, 2935912, 2935913, 2935914 Trench Footage: 11,343 No. of Services: 97 Poles Removed: 46	\$4,648,256	
24th St 20A #241306 (Btwn Imperial & G St) Work Orders: 2762750, 2852320, 2852321, 2852322, 2852323 Trench Footage: 4,482 No. of Services: 42 Poles Removed: 25	\$1,145,285	



**RULE 20A
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ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

DISTRIBUTION OF ALLOCATION COSTS

<u>Description and Location</u>	<u>City/County</u>	<u>Total Costs</u>
Island Ave 20A Ph 1 #241324 (Btwn 15th St to 24th St) Work Orders: 2762790, 2852331, 2852332, 2852333 Trench Footage: 5,049 No. of Services: 43 Poles Removed: 9	\$2,714,926	
Trojan Ave Ph1 20A #957441 (56th St to 60th St) Work Orders: 2926630, 2926631, 2926632, 2926633, 2926634 Trench Footage: 4,148 No. of Services: 54 Poles Removed: 9	\$1,296,227	\$16,957,870
COUNTY OF SAN DIEGO		
Maine Ave 20A #244345 (Briarwood Rd to Bonita Rd) Work Orders: 2795240, 2795241, 2795242, 2795244, 2945430, 2945431 Trench Footage: 5,052 No. of Services: 46 Poles Removed: 31	\$4,387,977	
Woodside Ave Improv/20A #954414 (Woodside to Riverview) Work Orders: 2929551, 2929552, 2929553, 2929554, 2929557 Trench Footage: 6,009 No. of Services: 10 Poles Removed: 25	\$1,105,458	\$5,493,435
20A TOTAL:		\$26,203,317



**RULE 20B
SAN DIEGO GAS & ELECTRIC
REPORT ON CONVERSION OF OVERHEAD TO UNDERGROUND
ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

<u>Description and Location</u>	Distribution of Allocation Costs		
	<u>Total</u>	<u>Other</u>	<u>Utility</u>
LEMON GROVE			
Valencia (Citris Hts) 69th and Akins Work Orders 2361911, 2361912	\$121,374	\$81,476	\$39,898
OCEANSIDE			
Mission Cove w/SAP Mission Av & Carolyn Work Orders 2366970, 2366971	\$413,701	\$144,847	\$268,854
POWAY			
Mechling Subdivision High Valley Rd Work Orders 2899150, 2899151	\$32,288	\$8,602	\$23,686
SAN DIEGO COUNTY			
La Palma Lots 20B w/SAP 267-031-12 Work Orders 2964890, 2964891	\$540,512	\$111,184	\$429,328
SAN JUAN CAPISTRANO			
SJ Del Obispo 20B Del Obispo @ brdige over Trabuco Creek Work Orders 2922770, 2922772, 2922773	\$596,801	\$440,366	\$156,435
SANTEE			
Prospect Ave Widening/20B Cuyamaca St and Magnolia Ave Work Orders 2969040, 2969041	\$3,023,595	\$2,148,181	\$875,414
VISTA			
Paseo Santa Fe Ph1 20B Muni Trench Escondido Av & Main St Work Orders 2934350, 2934351	\$1,166,270	\$413,103	\$753,167
20B TOTALS:	\$5,894,541	\$3,347,759	\$2,546,782



**RULE 20C
SAN DIEGO GAS & ELECTRIC
REPORT ON CONVERSION OF OVERHEAD TO UNDERGROUND
ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

<u>Description and Location</u>	Distribution of Allocation Costs		
	<u>Total</u>	<u>Other</u>	<u>Utility</u>
CITY OF CARLSBAD			
El Camino Real 20C El Camino Real & Cannon Rd Work Orders 2383370, 2383371, 2383372, 2383373	\$638,215	\$548,656	\$89,559
Laguna Breeze 735 Laguna Dr Work Orders 2434610, 2434611	\$80,926	\$37,859	\$43,067
	\$719,141	\$586,515	\$132,626
CITY OF DEL MAR			
GAD Residence w/SAP 1035 Stratford Ct Work Orders 2380990, 2426820	\$15,481	\$17,222	-\$1,741
RUH Residence 1205 Cuchara Dr Work Orders 2431660, 2431661	\$26,966	\$8,173	\$18,793
Handel and TSE w/SAP 1660 Lugano Ln Work Orders 2488600, 2488601	\$32,120	\$24,256	\$7,864
	\$74,567	\$49,651	\$24,916
CITY OF ENCINITAS			
Fudala-Guy Secondary Conversion 1033, 1035, 1043 Hermes Ave Work Orders 2394580, 2394581	\$32,508	\$5,698	\$26,810
Scripps Devonshire Ph1 Devonshire @ Melba Work Orders 2435780, 2435782	\$103,748	\$61,456	\$42,292
Okun Residence & Conversion 824/828 Neputune Av Work Orders 2471380, 2471381	\$11,895	\$6,819	\$5,076
	\$148,151	\$73,973	\$74,178



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SAN DIEGO GAS & ELECTRIC
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ELECTRIC DISTRIBUTION FACILITIES
YEAR 2016**

<u>Description and Location</u>	Distribution of Allocation Costs		
	<u>Total</u>	<u>Other</u>	<u>Utility</u>
CITY OF ESCONDIDO			
S. Escondido Blvd Apts 2412 S. Escondido Blvd Work Orders 2392740, 2392741	\$16,469	\$12,820	\$3,649
Escondido Estates - Pradera N. Ash Street Work Orders 2420225, 2420226	\$347,484	\$168,795	\$178,689
	\$363,953	\$181,615	\$182,338
CITY OF NATIONAL CITY			
Paradise Creek 2100 Hoover Av Work Orders 2390881, 2390882	\$77,005	\$56,831	\$20,174
CITY OF OCEANSIDE			
Oceanside 10 Cassidy St @ Broadway St Work Orders 2400550, 2400551	\$117,077	\$57,578	\$59,499
S. Cleveland St Townhomes 414 S. Cleveland St Work Orders 2429270, 2429271	\$101,586	\$56,910	\$44,676
	\$218,663	\$114,488	\$104,175
CITY OF SAN DIEGO			
Eliza & Stuart Stedman 9030 LJ Shores Ln Work Orders 2375220, 2456960	\$13,296	\$8,312	\$4,984
Iowa Street SR Housing Iowa St @ University Av Work Orders 2418772, 2418773	\$273,483	\$150,462	\$123,021
Hanover Mission Gorge Apts Twain Av @ Fairmount w/of Mission Gorge Rd Work Orders 2475480, 24754802	\$230,627	\$154,769	\$75,858
McNeil Residence 1111 Muirlands Vis Wy Work Orders 2487230, 2487231	\$36,588	\$28,292	\$8,296
	\$553,994	\$341,835	\$212,159



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YEAR 2016**

<u>Description and Location</u>	Distribution of Allocation Costs		
	<u>Total</u>	<u>Other</u>	<u>Utility</u>
COUNTY OF SAN DIEGO			
Harrington, Dan			
20405 State Pk Rd, Palomar Mountain Work Orders 2445230, 2445231	\$23,107	\$23,841	-\$734
Settler's Point Ph 1			
Wellington Hill Dr & Jackson Ridge Pkwy, LK Work Orders 2403720, 2403723	\$138,584	\$71,524	\$67,060
SYLPOE - Pedestrian Building			
Virginia Av s/o Camino Del La Plaza Work Orders 2437822, 2437824	\$100,241	\$84,195	\$16,046
	\$261,932	\$179,560	\$82,372
CITY OF SAN MARCOS			
Lazovic 4 Lot Residential			
La Moree Rd Work Orders 2383980, 2383981	\$15,613	\$14,716	\$897
TOTALS: 20C	\$2,433,019	\$1,599,184	\$833,835