SEMPRA ENERGY

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August 04, 2017
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2016-05-01 2016-05-31 0001032208 sre:SanDiegoGasAndElectricCompanyMember sre:TotalOwnershipMember
2016-04-18 2016-04-18 0001032208 us-gaap:LegalReserveMember 2017-06-30 0001032208
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0001032208 sre:ComplaintsFiledbyPublicEntitiesMember sre:HealthStudyMember 2017-02-01 2017-02-28
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sre:SouthernCaliforniaGasCompanyMember sre:AlisoCanyonNaturalGasStorageFacilityGasLeakMember
us-gaap:MaximumMember 2016-03-31 2016-03-31 0001032208 sre:SouthernCaliforniaGasCompanyMember
sre:AlisoCanyonNaturalGasStorageFacilityGasLeakMember us-gaap:MinimumMember 2016-03-31 2016-03-31
0001032208 us-gaap:IntersegmentEliminationMember sre:SempraMexicoSegmentMember 2016-01-01 2016-06-30
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us-gaap:OperatingSegmentsMember sre:SDGESegmentMember 2016-04-01 2016-06-30 0001032208
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-0

[]

1934

(Mark One)

QUARTERLY REPORT PURSUANT
TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF
1934
For the
quarterly June 30, 2017
period ended

or

TRANSITION REPORT PURSUANT
TO SECTION 13 OR 15(d) OF THE

SECURITIES EXCHANGE ACT OF

For the transition to period from Former name, former Exact Name of address Registrants as I.R.S. Registrants as
CommissSupecified in their States of Employer
File No. Charters, Address Incorporation Identification fiscal and Telephone year, if Number changed since last report 1-1420 SEMPRA ENERGY California 33 488 8th Avenue San Diego, California 92101 (619) 696-2000 SAN DIEGO 1-03779 GAS & California 95-118 ELECTRIC **COMPANY** 8326 Century Park Court San Diego, California 92123 (619) 696-2000 **SOUTHERN** 1-0140 CALIFORNIA California 95-1240705 change **COMPANY** 555 West Fifth Street Los Angeles, California 90013 (213) 244-1200 Indicate by check mark whether the

mark whether the registrants (1) have filed all reports required to be filed

by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days.

YesX No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Sempra Yes X Energy	No
San	
Diego	
Gas Yes X	No
Electric	
Company	
Southern	
California Yes X Gas	No
Company	

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. Large

accelerate filer	edAcceleratedNon-accelerate filer filer							Emerging growth		
						_	_	company		
Sempra Energy San	[]	[]	[]	[]	
Diego Gas										
&[]	[]	[X	(]	[]	[]	
Electric Company										
Southern California										
Gas	[]	[X	(]	[]	[]	
Company										
If an emerging growth comp										
indicate by c										
mark if the										
registrant has										
elected not to)								
the extended										
transition per		th								
for complying any new or re	_									
financial	C V 15C	Ju								
accounting										
standards pro	ovide	ed								
pursuant to S	Section	on								
13(a) of the										
Exchange A	et.									
Sempra Yes No)									
Energy San										
Diego										
Gas										
& Yes No)									
Electric										
Company										
Southern California										
California Yes No Gas	1									
Company										
Indicate by c										
mark whethe										
registrant is	a she	ell								

company (as defined in Rule

12b-2 of the
Exchange Act).

Sempra Yes NoX Energy

San Diego

Gas Yes

NoX

Electric Company Southern

California Yes No X Gas

Company

Indicate the number of shares outstanding of each of the issuers' classes of common stock, as of the latest practicable date.

Common stock outstanding on July 28, 2017:

Sempra Energy

251,077,626 shares

San Diego Gas & Electric Company Wholly owned by Enova Corporation, which is wholly owned by Sempra Energy Southern California Gas Company Wholly owned by Pacific Enterprises, which is wholly owned by Sempra Energy

SEMPRA ENERGY FORM 10-Q SAN DIEGO GAS & ELECTRIC COMPANY FORM 10-Q SOUTHERN CALIFORNIA GAS COMPANY FORM 10-Q TABLE OF CONTENTS

Information Regarding Forward-Looking Statements	Page 6
PART I – FINANCIAL INFORMATION	
Item 1. Financial Statements	8
Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations	80
Item 3. Quantitative and Qualitative Disclosures About Market Risk	121
Item 4. Controls and Procedures	122
PART II – OTHER INFORMATION	
Item 1. Legal Proceedings	123
Item 1A. <u>Risk Factors</u>	123
Item 6. Exhibits	123
Signatures	125

This combined Form 10-Q is separately filed by Sempra Energy, San Diego Gas & Electric Company and Southern California Gas Company. Information contained herein relating to any individual company is filed by such company on its own behalf. Each company makes representations only as to itself and makes no other representation whatsoever as to any other company.

You should read this report in its entirety as it pertains to each respective reporting company. No one section of the report deals with all aspects of the subject matter. Separate Part I – Item 1 sections are provided for each reporting company, except for the Notes to Condensed Consolidated Financial Statements. The Notes to Condensed Consolidated Financial Statements for all of the reporting companies are combined. All Items other than Part I – Item 1 are combined for the reporting companies.

The following terms and abbreviations appearing in the text of this report have the meanings indicated below. **GLOSSARY**

2016 GRC FD final decision in the California Utilities' 2016 General Rate Case

AFUDC allowance for funds used during construction

Annual Report Annual Report on Form 10-K for the year ended December 31, 2016

AOCI Accumulated Other Comprehensive Income (Loss)

ASU Accounting Standards Update Bay Gas Bay Gas Storage Company, Ltd.

Blade billion cubic feet
Blade Blade Energy Partners

CAISO California Independent System Operator

California Utilities San Diego Gas & Electric Company and Southern California Gas Company, collectively

Cameron LNG JV Cameron LNG Holdings, LLC
CARB California Air Resources Board
CCA Community Choice Aggregation
CCM cost of capital adjustment mechanism
CEC California Energy Commission
CEQA California Environmental Quality Act

CFCA Core Fixed Cost Account

CFE Comisión Federal de Electricidad (Federal Electricity Commission in Mexico)

Chilquinta Energía Chilquinta Energía S.A. and its subsidiaries

COFECE Comisión Federal de Competencia Económica (Mexican Competition Commission)

CPED Consumer Protection and Enforcement Division

CPI Consumer Price Index

CPUC California Public Utilities Commission

CRE Comisión Reguladora de Energía (Energy Regulatory Commission in Mexico)

CRR congestion revenue right

DA Direct Access

DEN Ductos y Energéticos del Norte, S. de R.L. de C.V.

DOE U.S. Department of Energy

DOGGR California Department of Conservation's Division of Oil, Gas, and Geothermal Resources

DPH Los Angeles County Department of Public Health

Ecogas Ecogas México, S. de R.L. de C.V. Edison Southern California Edison Company

Eletrans S.A., Eletrans II S.A. and Eletrans III S.A., collectively

EnergySouth Inc.

EPA U.S. Environmental Protection Agency EPC engineering, procurement and construction

EPS earnings per common share

ERRA Energy Resource Recovery Account FERC Federal Energy Regulatory Commission

FTA Free Trade Agreement
GCIM Gas Cost Incentive Mechanism

GdC Gasoductos de Chihuahua, S. de R.L. de C.V.

GHG greenhouse gas GRC General Rate Case

HLBV hypothetical liquidation at book value

HMRC United Kingdom's Revenue and Customs Department IEnova Infraestructura Energética Nova, S.A.B. de C.V.

IEnova Pipelines IEnova Pipelines, S. de R.L. de C.V.
IMG Infraestructura Marina del Golfo
IRS Internal Revenue Service

ISFSI independent spent fuel storage installation

JP Morgan J.P. Morgan Chase & Co.

kV kilovolt

LA Storage LA Storage, LLC

GLOSSARY (CONTINUED)

LNG liquefied natural gas LPG liquid petroleum gas

Luz del Sur S.A.A. and its subsidiaries

MHI Mitsubishi Heavy Industries, Ltd., Mitsubishi Nuclear Energy Systems, Inc., and Mitsubishi Heavy Industries America,

Mississippi Hub Mississippi Hub, LLC

MMBtu million British thermal units (of natural gas)

Mobile Gas Mobile Gas Service Corporation Mtpa million tonnes per annum

MW megawatt MWh megawatt hour

NDT Nuclear Decommissioning Trusts Nuclear Electric Insurance Limited NEIL NEPA National Environmental Policy Act NRC **Nuclear Regulatory Commission** Other Comprehensive Income (Loss) OCI Order Instituting Investigation OII O&M operation and maintenance expense **OMEC** Otay Mesa Energy Center OMEC LLC Otay Mesa Energy Center LLC ORA CPUC Office of Ratepayer Advocates

Otay Mesa VIE OMEC LLC VIE

PEMEX Petróleos Mexicanos (Mexican state-owned oil company)

PG&E Pacific Gas and Electric Company

PHMSA Pipeline and Hazardous Materials Safety Administration

PP&E property, plant and equipment power purchase agreement PPA Pipeline Safety Enhancement Plan **PSEP RAMP** Risk Assessment Mitigation Phase **RBS** The Royal Bank of Scotland plc **RBS SEE RBS Sempra Energy Europe RBS Sempra RBS Sempra Commodities LLP** Commodities **Rockies Express** Rockies Express Pipeline LLC

ROE return on equity
RSA restricted stock award
RSU restricted stock unit

SB Senate Bill

SCAQMD South Coast Air Quality Management District

SDCA United States District Court for the Southern District of California

SDG&E San Diego Gas & Electric Company

SEC United States Securities and Exchange Commission

SEDATU Secretaría de Desarrollo Agrario, Territorial y Urbano (Mexican agency in charge of agriculture, land and urban

development)

SFP secondary financial protection
SoCalGas Southern California Gas Company
SONGS San Onofre Nuclear Generating Station

SONGS OII CPUC's Order Instituting Investigation into the SONGS Outage

TdM Termoeléctrica de Mexicali TransCanada TransCanada Corporation

Tribunal International Chamber of Commerce International Court of Arbitration Tribunal

TURN The Utility Reform Network

U.S. GAAP accounting principles generally accepted in the United States of America

Valero Energy Valero Energy Corporation

VAT value-added tax

Ventika, S.A.P.I. de C.V. and Ventika II, S.A.P.I. de C.V., collectively

VIE variable interest entity
Willmut Gas Willmut Gas Company

INFORMATION REGARDING FORWARD-LOOKING STATEMENTS

We make statements in this report that are not historical fact and constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are based upon assumptions with respect to the future, involve risks and uncertainties, and are not guarantees of performance. These forward-looking statements represent our estimates and assumptions only as of the filing date of this report. We assume no obligation to update or revise any forward-looking statement as a result of new information, future events or other factors.

In this report, when we use words such as "believes," "expects," "anticipates," "plans," "estimates," "projects," "forecasts," "contemplates," "assumes," "depends," "should," "could," "would," "will," "confident," "may," "can," "potential," "possible," "pursue," "outlook," "maintain," or similar expressions, or when we discuss our guidance, strategy, plans, goals, opportunities, projections, initiatives, objectives or intentions, we are making forward-looking statements.

Factors, among others, that could cause our actual results and future actions to differ materially from those described in forward-looking statements include

actions and the timing of actions, including decisions, new regulations, and issuances of permits and other authorizations by the CPUC, DOE, DOGGR, FERC, EPA, PHMSA, DPH, states, cities and counties, and other regulatory and governmental bodies in the United States and other countries in which we operate; the timing and success of business development efforts and construction projects, including risks in obtaining or maintaining permits and other authorizations on a timely basis, risks in completing construction projects on schedule and on budget, and risks in obtaining the consent and participation of partners;

the resolution of civil and criminal litigation and regulatory investigations;

deviations from regulatory precedent or practice that result in a reallocation of benefits or burdens among shareholders and ratepayers; modifications of settlements; and delays in, or disallowance or denial of, regulatory agency authorizations to recover costs in rates from customers (including with respect to regulatory assets associated with the SONGS facility and 2007 wildfires) or regulatory agency approval for projects required to enhance safety and reliability;

the availability of electric power, natural gas and liquefied natural gas, and natural gas pipeline and storage capacity, including disruptions caused by failures in the transmission grid, moratoriums or limitations on the withdrawal or injection of natural gas from or into storage facilities, and equipment failures;

changes in energy markets; volatility in commodity prices; moves to reduce or eliminate reliance on natural gas; and the impact on the value of our investment in natural gas storage and related assets from low natural gas prices, low volatility of natural gas prices and the inability to procure favorable long-term contracts for storage services; risks posed by actions of third parties who control the operations of our investments, and risks that our partners or counterparties will be unable or unwilling to fulfill their contractual commitments;

weather conditions, natural disasters, accidents, equipment failures, computer system outages, explosions, terrorist attacks and other events that disrupt our operations, damage our facilities and systems, cause the release of greenhouse gases, radioactive materials and harmful emissions, cause wildfires and subject us to third-party liability for property damage or personal injuries, fines and penalties, some of which may not be covered by insurance (including costs in excess of applicable policy limits) or may be disputed by insurers;

cybersecurity threats to the energy grid, storage and pipeline infrastructure, the information and systems used to operate our businesses and the confidentiality of our proprietary information and the personal information of our customers and employees;

capital markets and economic conditions, including the availability of credit and the liquidity of our investments; and fluctuations in inflation, interest and currency exchange rates and our ability to effectively hedge the risk of such fluctuations;

changes in the tax code as a result of potential federal tax reform, such as the elimination of the deduction for interest and non-deductibility of all, or a portion of, the cost of imported materials, equipment and commodities; changes in foreign and domestic trade policies and laws, including border tariffs, revisions to favorable international trade agreements, and changes that make our exports less competitive or otherwise restrict our ability to export;

the ability to win competitively bid infrastructure projects against a number of strong and aggressive competitors; expropriation of assets by foreign governments and title and other property disputes;

the impact on reliability of SDG&E's electric transmission and distribution system due to increased amount and variability of power supply from renewable energy sources;

the impact on competitive customer rates due to the growth in distributed and local power generation and the corresponding decrease in demand for power delivered through SDG&E's electric transmission and distribution system and from possible

departing retail load resulting from customers transferring to Direct Access and Community Choice Aggregation or other forms of distributed and local power generation and the potential risk of nonrecovery for stranded assets and contractual obligations; and

other uncertainties, some of which may be difficult to predict and are beyond our control.

We caution you not to rely unduly on any forward-looking statements. You should review and consider carefully the risks, uncertainties and other factors that affect our business as described herein and in our most recent Annual Report and other reports that we file with the SEC.

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PART I – FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

SEMPRA ENERGY

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(Dollars in millions, except per share amounts)

REVENUES	Three m ended J 2017 (unaudit	une 30, 2016(1)	Six mont June 30, 2017	2016(1)	
Utilities	\$2,197	\$1,994	\$4,895	¢ / /26	
Energy-related businesses	336	ψ1,994 162	669	\$4,436	
Total revenues	2,533	2,156	5,564	342 4,778	
Total revenues	2,333	2,130	3,304	4,770	
EXPENSES AND OTHER INCOME					
Utilities:					
Cost of electric fuel and purchased power	(553) (561	(1.080)	(1,076)	
Cost of natural gas	•			(494)	
Energy-related businesses:	,	, ()	(-)	(-)	
Cost of natural gas, electric fuel and purchased power	(62) (62	(129)	(118)	
Other cost of sales	38		16	(261)	
Operation and maintenance		•		(1,406)	
Depreciation and amortization	•			(642)	
Franchise fees and other taxes	•			(207)	
Impairment losses	•			(22)	
Equity earnings (losses), before income tax	18	, (= . 14	21	(8)	
Other income, net	91	23	260	72	
Interest income	8	6	14	12	
Interest expense	_	-		(285)	
Income (loss) before income taxes and equity earnings (losses)	•				
of certain unconsolidated subsidiaries	415	(112	1,170	343	
Income tax (expense) benefit	(167) 106	(462)	(2)	
Equity earnings (losses), net of income tax	_	33	(8)	50	
Net income	248	27	700	391	
Losses (earnings) attributable to noncontrolling interests	12	(10	1	(21)	
Preferred dividends of subsidiary	(1) (1	(1)	(1)	
Earnings	\$259	\$16	\$700	\$369	
Designation of the second second	Φ4.00	Φ0.00	Φ0.70	Ф.4.40	
Basic earnings per common share	\$1.03	\$0.06	\$2.79	\$1.48	
Weighted-average number of shares outstanding, basic (thousands)	251,44	250,096	251,290	249,915	
Diluted earnings per common share	\$1.03	\$0.06	\$2.77	\$1.47	
Weighted-average number of shares outstanding, diluted (thousands)	252,822	2 252,036	252,609	251,775	
Dividends declared per share of common stock (1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016. See Notes to Condensed Consolidated Financial Statements.	\$0.83	\$0.75	\$1.65	\$1.51	

SEMPRA ENERGY

SEMPRA ENERGY												
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) (Dollars in millions)												
,		Sempra Energy shareholders' equity										
		Pretax amou	(Incom tax (expe benef	nse)	Net-of amou		inte	ncontrol erests ter-tax)	ling	Total	
		Three (unau		onths e	-	ed June 30, 2017 and 2016						
2017:												
Net income (loss)		\$427		\$ (16	7)	\$ 260)	\$	(12)	\$248	3
Other comprehensive income (loss):												
Foreign currency translation adjustments		3		_		3		2			5	
Financial instruments		(43)	17		(26)	(4)	(30)
Pension and other postretirement benefits		2		(1)	1		_			1	
Total other comprehensive loss		(38)	16		(22)	(2)	(24)
Comprehensive income (loss)		389		(151)	238		(14	1)	224	
Preferred dividends of subsidiary		(1)	_		(1)	_			(1)
Comprehensive income (loss), after prefer	red											
dividends of subsidiary		\$388		\$ (15	1)	\$ 237	7	\$	(14)	\$223	3
2016:												
Net (loss) income		\$(89)	\$ 106	6	\$ 17		\$	10		\$27	
Other comprehensive income (loss):												
Foreign currency translation adjustments		11		_		11		_			11	
Financial instruments		(78)	35		(43)	1			(42)
Pension and other postretirement benefits		2	•	(1)	1	,	_			1	•
Total other comprehensive (loss) income		(65)	34		(31)	1			(30)
Comprehensive (loss) income		(154)	140		(14)	11			(3)
Preferred dividends of subsidiary		(1)	_		(1)	_			(1)
Comprehensive (loss) income, after prefer		`	,				,				`	,
dividends of subsidiary		\$(15	5)	\$ 140)	\$ (15)	\$	11		\$(4)
•		ix months ended June 30, 2017 and							,			
	201											
2017:	(una	audite	a)									
	ተ 1	160	Φ.	(460.)	ф 7 /	ስተ ው/	(4 \	ታ	00			
Net income (loss)	φι,	103	Φ	(402)	φ/\	01 \$((1)	Φ/	00			
Other comprehensive income (loss):	49				40	11	1	60				
Foreign currency translation adjustments Financial instruments		. ,	1	- 1	49			60	. \			
	(36	, ,	14		(22) (2	.)	(24	.)			
Pension and other postretirement benefits			(2	-		_	-	3				
Total other comprehensive income	18	04	12		30	9		39	2			
Comprehensive income	1,1	81	(4	50)	731			739				
Preferred dividends of subsidiary	(1)		-	(1) —	-	(1)			
Comprehensive income, after preferred	Φ.4	100	Ф	(450)	φ 7	20 M	_	Φ-7	00			
dividends of subsidiary	ֆΙ,	180	Ъ	(450)	\$ / 3	30 \$8	8	\$7	38			
2016(1):	Φ 0-	70	Φ.	(O)	Φ 0.	70 A	0.4	Φ.	0.4			
Net income	\$37	12	\$	(2)	\$3	70 \$2	∠1	\$3	91			
Other comprehensive income (loss):	7.				٦.	_		٠,				
Foreign currency translation adjustments	79	- ,	_	-	79	5		84	\			
Financial instruments	(23	7)	1			7) (4	.)		31)			
Pension and other postretirement benefits	4		(2	:)	2	_	-	2				

Total other comprehensive (loss) income	(154) 108	(46)	1	(45)
Comprehensive income	218	106	324	22	346
Preferred dividends of subsidiary	(1) —	(1)	_	(1)
Comprehensive income, after preferred					
dividends of subsidiary	\$217	\$106	\$323	\$22	\$345
(1) As adjusted for the adoption of ASU 2016-09		, ,	016.		
Preferred dividends of subsidiary Comprehensive income, after preferred dividends of subsidiary	(1 \$217 9 as of Ja) — \$106 anuary 1, 20	(1)	_	(1)

SEMPRA ENERGY CONDENSED CONSOLIDATED BALANCE SHEETS

(Dollars in millions)		
	June 30, 2017	December 31, 2016(1)
	(unaudited)	, ,
ASSETS		
Current assets:		
Cash and cash equivalents	\$223	\$349
Restricted cash	70	66
Accounts receivable – trade, net	1,139	1,390
Accounts receivable – other, net	165	164
Due from unconsolidated affiliates	26	26
Income taxes receivable	110	43
Inventories	239	258
Regulatory balancing accounts – undercollected	261	259
Fixed-price contracts and other derivatives	186	83
Assets held for sale	109	201
Other	239	271
Total current assets	2,767	3,110
Other assets:		
Restricted cash	17	10
Due from unconsolidated affiliates	373	201
Regulatory assets	3,569	3,414
Nuclear decommissioning trusts	1,029	1,026
Investments	2,134	2,097
Goodwill	2,379	2,364
Other intangible assets	541	548
Dedicated assets in support of certain benefit plans	427	430
Insurance receivable for Aliso Canyon costs	554	606
Deferred income taxes	166	234
Sundry	859	815
Total other assets	12,048	11,745
Property, plant and equipment:		
Property, plant and equipment	45,704	43,624
Less accumulated depreciation and amortization		(10,693)
Property, plant and equipment, net (\$335 and \$354 at June 30, 2017 and December 31, 2016, respectively, related to VIE)	34,561	32,931
Total assets	\$49,376	\$47,786
(1) Derived from audited financial statements. See Notes to Condensed Consolidated Financial Statements.	÷ .5,5.0	÷ ,. 20

SEMPRA ENERGY CONDENSED CONSOLIDATED BALANCE SHEETS (CONTINUED)

(Donals III Inninons)	June 30, 2017	December 31, 2016(1)
	(unaudited)	
LIABILITIES AND EQUITY		
Current liabilities:		
Short-term debt	\$1,826	\$1,779
Accounts payable – trade	1,054	1,346
Accounts payable – other	113	130
Due to unconsolidated affiliates	11	11
Dividends and interest payable	339	319
Accrued compensation and benefits	314	409
Regulatory balancing accounts – overcollected	204	122
Current portion of long-term debt	1,287	913
Fixed-price contracts and other derivatives	109	83
Customer deposits	158	158
Reserve for Aliso Canyon costs	63	53
Liabilities held for sale	47	47
Other Tatal company list little	538	557
Total current liabilities	6,063	5,927
Long-term debt (\$289 and \$293 at June 30, 2017 and December 31, 2016, respectively, related to VIE)	15,000	14,429
Deferred credits and other liabilities:		
Customer advances for construction	146	152
Pension and other postretirement benefit plan obligations, net of plan assets	1,240	1,208
Deferred income taxes	4,191	3,745
Deferred investment tax credits	27	28
Regulatory liabilities arising from removal obligations	2,746	2,697
Asset retirement obligations	2,469	2,431
Fixed-price contracts and other derivatives	330	405
Deferred credits and other	1,559	1,523
Total deferred credits and other liabilities	12,708	12,189
Commitments and contingencies (Note 11)		
Equity:		
Preferred stock (50 million shares authorized; none issued)	_	_
Common stock (750 million shares authorized; 251 million and 250 million shares outstanding at June 30, 2017 and December 31, 2016, respectively; no par value)	3,046	2,982
Retained earnings	11,004	10,717
Accumulated other comprehensive income (loss)	,	(748)
Total Sempra Energy shareholders' equity	13,332	12,951
Preferred stock of subsidiary	20	20
Other noncontrolling interests	2,253	2,270
Total equity	15,605	15,241
Total liabilities and equity	\$49,376	\$47,786
(1) Derived from audited financial statements.		

See Notes to Condensed Consolidated Financial Statements.

SEMPRA ENERGY CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Dollars in millions)			
	Six mor ended c 2017 (unaudi	June 30, 2016(1)	
CASH FLOWS FROM OPERATING ACTIVITIES Net income	\$700	\$391	
Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization	728	642	
Deferred income taxes and investment tax credits Impairment losses	411 71	(76) 22)
Equity earnings, net	(13)	(42)
Fixed-price contracts and other derivatives Other	(142) (19)	41	
Net change in other working capital components	138	167	
Insurance receivable for Aliso Canyon costs	52	(354))
Changes in other assets	(88)		
Changes in other liabilities	51	147	
Net cash provided by operating activities	1,889	916	
CASH FLOWS FROM INVESTING ACTIVITIES			
Expenditures for property, plant and equipment		(2,006)	
Expenditures for investments	(97))
Proceeds from sale of assets	4	443	
Distributions from investments	18	12	١
Purchases of nuclear decommissioning and other trust assets Proceeds from sales by nuclear decommissioning and other trusts	(623) 823	(206) 204)
Increases in restricted cash	(194)		١
Decreases in restricted cash	185	44	,
Advances to unconsolidated affiliates	(183)		١
Repayments of advances to unconsolidated affiliates	2	9	,
Other	_	(6))
Net cash used in investing activities	(2,067)	(1,593)	
CASH FLOWS FROM FINANCING ACTIVITIES			
Common dividends paid	(368)	(335))
Preferred dividends paid by subsidiary		(1))
Issuances of common stock	28	29	
Repurchases of common stock		(54)	
Issuances of debt (maturities greater than 90 days)		1,384	
Payments on debt (maturities greater than 90 days)		(986))
(Decrease) increase in short-term debt, net	(493)		
Net distributions to noncontrolling interests		(10)	
Other		(10))
Net cash provided by financing activities	44	882	
Effect of exchange rate changes on cash and cash equivalents	8	8	
(Decrease) increase in cash and cash equivalents	(126)	213	

Cash and cash equivalents, January 1 349 403
Cash and cash equivalents, June 30 \$223 \$616
(1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016.
See Notes to Condensed Consolidated Financial Statements.

SEMPRA ENERGY

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (CONTINUED)

(Dollars in millions)

Six months ended June 30,

2017 2016(1) (unaudited)

SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION

Interest payments, net of amounts capitalized \$301 \$279 Income tax payments, net of refunds 109 73

SUPPLEMENTAL DISCLOSURE OF NONCASH INVESTING AND FINANCING ACTIVITIES

Accrued capital expenditures \$428 \$541 Increase in capital lease obligations for investment in property, plant and equipment 502 — Equitization of note receivable due from unconsolidated affiliate 19 — Common dividends issued in stock 27 27 Dividends declared but not paid 214 195

(1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016. See Notes to Condensed Consolidated Financial Statements.

SAN DIEGO GAS & ELECTRIC COMPANY CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(Dollars in millions)

	Three rended .		Six month June 30,	ıs ended	
	2017	2016	2017	2016(1)	
	(unaudi	ted)			
Operating revenues					
Electric	\$946	\$897	\$1,821	\$1,740)
Natural gas	112	95	294	243	
Total operating revenues	1,058	992	2,115	1,983	
Operating expenses					
Cost of electric fuel and purchased power	316	314	577	562	
Cost of natural gas	38	25	103	64	
Operation and maintenance	237	266	464	512	
Depreciation and amortization	166	158	329	317	
Franchise fees and other taxes	60	59	123	122	
Total operating expenses	817	822	1,596	1,577	
Operating income	241	170	519	406	
Other income, net	15	13	33	27	
Interest expense	(49)	(48)	(98)	(96)
Income before income taxes	207	135	454	337	
Income tax expense	(54)	(48)	(144)	(113)
Net income	153	87	310	224	
(Earnings) losses attributable to noncontrolling interest	(4)	13	(6)	12	
Earnings attributable to common shares	\$149	\$100	\$304	\$236	
(1) As adjusted for the adoption of ASLI 2016-09 as of January	1 2016				

⁽¹⁾ As adjusted for the adoption of ASU 2016-09 as of January 1, 2016. See Notes to Condensed Consolidated Financial Statements.

SAN DIEGO GAS & ELECTRIC COMPANY CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

INCOME (LOSS)								
(Dollars in millions)	0000							
	equity	E shareh	older's					
	Pretax amou	ıax	Net-o		int	ncontrol erest ter-tax)	ling	Total
	Three (unau	months e		une 3			d 20	16
2017:	`	,						
Net income	\$203	\$ (54)	\$ 14	9	\$	4		\$153
Other comprehensive income (loss):								
Financial instruments	_	_	_		1			1
Total other comprehensive income	_	_	_		1			1
Comprehensive income	\$203	\$ (54)	\$ 14	9	\$	5		\$154
2016:		,						
Net income (loss)	\$148	\$ (48)	\$ 10	0	\$	(13)	\$87
Other comprehensive income (loss):								
Financial instruments	_	_	_		1			1
Total other comprehensive income	_	_	_		1			1
Comprehensive income (loss)	\$148	\$ (48)	\$ 10	0	\$	(12)	\$88
, ,		onths end	led June	e 30,	20	17 and	•	
	2016 (unau	ditad)						
2017:	(unau	uiteu)						
Net income	\$448	\$(144)	\$ 304	\$6		\$310		
Other comprehensive income (loss):		ψ(144)	ΨΟΟΨ	ΨΟ		ψΟΙΟ		
Financial instruments	_	_	_	4		4		
Total other comprehensive income	_	_	_	4		4		
Comprehensive income	\$448	\$(144)	\$304	•	n	\$314		
2016(1):	Ψ	Ψ()	Ψ00.	Ψ.,	•	ΨΟΙΙ		
Net income (loss)	\$349	\$(113)	\$236	\$/1	2)	\$224		
Other comprehensive income (loss):		Φ(110)	ΨΔΟΟ	Ψίι	_,	ΨΖΕΙ		
Financial instruments	_	_	_	(1)	(1)		
Total other comprehensive loss	_	_	_	(1)	(1)		
Comprehensive income (loss)	\$349	\$(113)	\$236	•	,	,		
(1) As adjusted for the adoption of ASU 2						73		
See Notes to Condensed Consolidated F	inancia	l Stateme	ents.					

SAN DIEGO GAS & ELECTRIC COMPANY CONDENSED CONSOLIDATED BALANCE SHEETS

(Dollars in millions)

	June 30, 2017 (unaudited)	December 31, 2016(1)
ASSETS	(anadanoa)	
Current assets:		
Cash and cash equivalents	\$12	\$8
Restricted cash	1	11
Accounts receivable – trade, net	368	354
Accounts receivable – other, net	20	17
Due from unconsolidated affiliates	2	4
Income taxes receivable	98	122
Inventories	89	80
Prepaid expenses	23	59
Regulatory balancing accounts – net undercollected	261	259
Regulatory assets	104	81
Fixed-price contracts and other derivatives	29	58
Other	19	19
Total current assets	1,026	1,072
Other assets:		
Restricted cash	13	1
Deferred income taxes recoverable in rates	1,059	1,014
Other regulatory assets	1,004	998
Nuclear decommissioning trusts	1,029	1,026
Sundry	362	358
Total other assets	3,467	3,397
Property, plant and equipment:		
Property, plant and equipment	18,996	17,844
Less accumulated depreciation and amortization	(4,781)	(4,594)
Property, plant and equipment, net (\$335 and \$354 at June 30, 2017 and December 31, 2016, respectively, related to VIE)	14,215	13,250
Total assets	\$18,708	\$17,719
(1) Derived from audited financial statements. See Notes to Condensed Consolidated Financial Statements.		

SAN DIEGO GAS & ELECTRIC COMPANY CONDENSED CONSOLIDATED BALANCE SHEETS (CONTINUED)

(Dollars in millions)

(Donals III Hillions)	June 30, 2017	December 31, 2016(1)
	(unaudited)	` '
LIABILITIES AND EQUITY		
Current liabilities:		
Short-term debt	\$5	\$ —
Accounts payable	433	460
Due to unconsolidated affiliates	26	15
Interest payable	41	40
Accrued compensation and benefits	77	121
Accrued franchise fees	37	43
Current portion of long-term debt	57	191
Asset retirement obligations	83	79
Fixed-price contracts and other derivatives	61	61
Customer deposits	77	76
Other	54	82
Total current liabilities	951	1,168
Long-term debt (\$289 and \$293 at June 30, 2017 and December 31, 2016, respectively, related to VIE)	5,523	4,658
respectively, related to VIL)		
Deferred credits and other liabilities:		
Customer advances for construction	52	52
Pension and other postretirement benefit plan obligations, net of plan assets	244	232
Deferred income taxes	2,980	2,829
Deferred investment tax credits	17	16
Regulatory liabilities arising from removal obligations	1,782	1,725
Asset retirement obligations	758	751
Fixed-price contracts and other derivatives	182	189
Deferred credits and other	415	421
Total deferred credits and other liabilities	6,430	6,215
Commitments and contingencies (Note 11)		
Facility .		
Equity:		
Preferred stock (45 million shares authorized; none issued) Common stock (255 million shares authorized; 117 million shares outstanding;	_	_
no par value)	1,338	1,338
Retained earnings	4,440	4,311
Accumulated other comprehensive income (loss)	(8)	(8)
Total SDG&E shareholder's equity	5,770	5,641
Noncontrolling interest	34	37
Total equity	5,804	5,678
Total liabilities and equity	\$18,708	\$17,719
(1) Derived from audited financial statements.		
See Notes to Condensed Consolidated Financial Statements.		

SAN DIEGO GAS & ELECTRIC COMPANY CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

See Notes to Condensed Consolidated Financial Statements.

(Dollars in millions) Six months ended June 30, 2017 2016(1) (unaudited) CASH FLOWS FROM OPERATING ACTIVITIES Net income \$310 \$224 Adjustments to reconcile net income to net cash provided by operating activities: Depreciation and amortization 329 317 Deferred income taxes and investment tax credits 98 19 Fixed-price contracts and other derivatives) (1 (1) Other (20) (21) Net change in other working capital components 6 Changes in other assets (49) (39) Changes in other liabilities 17 9 Net cash provided by operating activities 690 508 CASH FLOWS FROM INVESTING ACTIVITIES Expenditures for property, plant and equipment (763) (602) Purchases of nuclear decommissioning trust assets (823) (203) Proceeds from sales by nuclear decommissioning trusts 823 204 Increases in restricted cash (20) (21 Decreases in restricted cash 18 24 Decrease (increase) in loans to affiliate, net 31 (172)Net cash used in investing activities (734) (770) CASH FLOWS FROM FINANCING ACTIVITIES Common dividends paid (175) — Issuances of debt (maturities greater than 90 days) 398 498 Payments on debt (maturities greater than 90 days) (163) (128) Increase (decrease) in short-term debt, net 5 (114)Capital distributions made by VIE, net (13)(3) Debt issuance costs (4) (3) Net cash provided by financing activities 48 250 Increase (decrease) in cash and cash equivalents 4 (12 Cash and cash equivalents, January 1 8 20 \$12 \$8 Cash and cash equivalents, June 30 SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION Interest payments, net of amounts capitalized \$94 \$92 Income tax payments, net 13 125 SUPPLEMENTAL DISCLOSURE OF NONCASH INVESTING AND FINANCING ACTIVITIES Accrued capital expenditures \$152 \$124 Increase in capital lease obligations for investment in property, plant and equipment 500 Dividends declared but not paid 175 (1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016.

SOUTHERN CALIFORNIA GAS COMPANY CONDENSED STATEMENTS OF OPERATIONS

(Dollars in millions)

	Three months ended June 30, 2017 2016			Six month June 30, 2017				
	(unau	ıdi	ted)					
Operating revenues	\$770)	\$61	7	\$2,01	1	\$1,650	0
Operating expenses								
Cost of natural gas	179		147		587		400	
Operation and maintenance	336		318		689		644	
Depreciation and amortization	126		112		252		234	
Franchise fees and other taxes	34		30		73		67	
Impairment losses	_		21		_		22	
Total operating expenses	675		628		1,601		1,367	
Operating income (loss)	95		(11)	410		283	
Other income, net	9		6		20		16	
Interest expense	(26)	(24)	(51)	(46)
Income (loss) before income taxes	78		(29)	379		253	
Income tax (expense) benefit	(19)	29		(117)	(54)
Net income	59		_		262		199	
Preferred dividend requirements	(1)	(1)	(1)	(1)
Earnings (losses) attributable to common shares	\$58		\$(1)	\$261		\$198	
(1) As adjusted for the adoption of ASU 2016-09 as of J See Notes to Condensed Financial Statements.	lanuary	/ 1	, 2010	6.				

SOUTHERN CALIFORNIA GAS COMPANY CONDENSED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

(Dollars in millions)

Income

Pretax tax Net-of-tax amount (expense) amount

benefit

Three months ended June

30, 2017 and 2016

(unaudited)

2017:

Net income \$78 \$ (19) \$ 59

Other comprehensive income (loss):

Pension and other postretirement benefits 1 - 1 Total other comprehensive income 1 - 1 Comprehensive income \$79 \$ (19) \$ (

2016:

Net loss/Comprehensive loss \$(29) \$ 29 \$ -

Six months ended June 30, 2017 and

2016 (unaudited)

2017:

Net income \$379 \$(117) \$262

Other comprehensive income (loss):

Pension and other postretirement benefits 1 — 1
Total other comprehensive income 1 — 1
Comprehensive income \$380 \$(117) \$263

2016(1):

Net income/Comprehensive income \$253 \$(54) \$199 (1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016.

See Notes to Condensed Financial Statements.

SOUTHERN CALIFORNIA GAS COMPANY CONDENSED BALANCE SHEETS

(Dollars in millions)

(June 30, 2017	December 31, 2016(1)
	(unaudited)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$38	\$12
Accounts receivable – trade, net	377	608
Accounts receivable – other, net	67	77
Due from unconsolidated affiliates	56	8
Income taxes receivable	6	2
Inventories	45	58
Regulatory assets	8	8
Other	48	63
Total current assets	645	836
Other assets:		
Regulatory assets arising from pension obligations	757	742
Other regulatory assets	679	589
Insurance receivable for Aliso Canyon costs	554	606
Sundry	439	399
Total other assets	2,429	2,336
Property, plant and equipment:	. =	
Property, plant and equipment	15,889	15,344
Less accumulated depreciation and amortization	,	(5,092)
Property, plant and equipment, net	10,669	10,252
Total assets	\$13,743	\$13,424
(1) Derived from audited financial statements. See Notes to Condensed Financial Statements.		

SOUTHERN CALIFORNIA GAS COMPANY CONDENSED BALANCE SHEETS (CONTINUED)

(Dollars	in	milli	ons)
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(Dollars in millions)		Dagarahan
	June 30,	December 31,
	2017	2016(1)
	(unaudited)	
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Short-term debt	\$ —	\$62
Accounts payable – trade	330	481
Accounts payable – other	69	74
Due to unconsolidated affiliates	1	28
Accrued compensation and benefits	124	150
Regulatory balancing accounts – net overcollected	204	122
Current portion of long-term debt	501	_
Customer deposits	74	76
Reserve for Aliso Canyon costs	63	53
Other	205	195
Total current liabilities	1,571	1,241
Long-term debt	2,484	2,982
Deferred credits and other liabilities:		
Customer advances for construction	94	99
Pension obligation, net of plan assets	777	762
Deferred income taxes	1,875	1,709
Deferred investment tax credits	11	12
Regulatory liabilities arising from removal obligations	964	972
Asset retirement obligations	1,643	1,616
Deferred credits and other	552	521
Total deferred credits and other liabilities	5,916	5,691
Commitments and contingencies (Note 11)		
Shareholders' equity:		
Preferred stock (11 million shares authorized; 1 million shares outstanding)	22	22
Common stock (100 million shares authorized; 91 million shares outstanding;		
no par value)	866	866
Retained earnings	2,905	2,644
Accumulated other comprehensive income (loss)		(22)
Total shareholders' equity	3,772	3,510
Total liabilities and shareholders' equity	\$13,743	\$13,424
(1) Derived from audited financial statements.	ψ 10,740	ψ 10,424
See Notes to Condensed Financial Statements.		

SOUTHERN CALIFORNIA GAS COMPANY CONDENSED STATEMENTS OF CASH FLOWS

(Dollars in millions)	
	Six months ended June
	2017 201
	(

	2017	June 30 2016(1	1
CASH FLOWS FROM OPERATING ACTIVITIES	(unaud	itea)	
Net income	¢ 262	\$ 199	
	ΨΖΟΖ	ψισσ	
Adjustments to reconcile net income to net cash provided by operating activities:	050	004	
Depreciation and amortization	252	234	
Deferred income taxes and investment tax credits	96	28	
Impairment losses		22	
Other	(13)	•)
Net change in other working capital components	253	190	
Insurance receivable for Aliso Canyon costs	52	(354)
Changes in other assets	(40)	(54)
Changes in other liabilities	(7)	12	
Net cash provided by operating activities	855	262	
CASH FLOWS FROM INVESTING ACTIVITIES			
Expenditures for property, plant and equipment	(682)	(650)
(Increase) decrease in loans to affiliate, net	(84)	50	
Net cash used in investing activities	(766)	(600)
CASH FLOWS FROM FINANCING ACTIVITIES			
Preferred dividends paid	(1)	(1)
Issuances of long-term debt	_	499	
Payments on long-term debt	_	(3)
Decrease in short-term debt, net	(62)	· —	,
Debt issuance costs)
Net cash (used in) provided by financing activities	(63)	491	,
Ingresses in each and each equivalents	06	150	
Increase in cash and cash equivalents	26	153	
Cash and cash equivalents, January 1	12	58	
Cash and cash equivalents, June 30	\$38	\$211	
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION			
Interest payments, net of amounts capitalized	\$49	\$43	
Income tax payments, net	22	35	
SUPPLEMENTAL DISCLOSURE OF NONCASH INVESTING ACTIVITY			
Accrued capital expenditures (1) As adjusted for the adoption of ASU 2016-09 as of January 1, 2016. See Notes to Condensed Financial Statements.	\$155	\$140	

SEMPRA ENERGY AND SUBSIDIARIES NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

NOTE 1. GENERAL

PRINCIPLES OF CONSOLIDATION

Sempra Energy

Sempra Energy's Condensed Consolidated Financial Statements include the accounts of Sempra Energy, a California-based Fortune 500 energy-services holding company, and its consolidated subsidiaries and VIEs. Sempra Energy's operating units are

Sempra Utilities, which includes our SDG&E, SoCalGas and Sempra South American Utilities reportable segments; and

Sempra Infrastructure, which includes our Sempra Mexico, Sempra Renewables and Sempra LNG & Midstream reportable segments.

We refer to SDG&E and SoCalGas collectively as the California Utilities, which do not include our South American utilities or the utilities in our Sempra Infrastructure operating unit. Sempra Global is the holding company for most of our subsidiaries that are not subject to California utility regulation. All references in these Notes to "Sempra Utilities," "Sempra Infrastructure" and their respective reportable segments are not intended to refer to any legal entity with the same or similar name.

SDG&E

SDG&E's Condensed Consolidated Financial Statements include its accounts and the accounts of a VIE of which SDG&E is the primary beneficiary, as we discuss in Note 5 under "Variable Interest Entities." SDG&E's common stock is wholly owned by Enova Corporation, which is a wholly owned subsidiary of Sempra Energy.

SoCalGas

SoCalGas' common stock is wholly owned by Pacific Enterprises, which is a wholly owned subsidiary of Sempra Energy.

BASIS OF PRESENTATION

This is a combined report of Sempra Energy, SDG&E and SoCalGas. We provide separate information for SDG&E and SoCalGas as required. References in this report to "we," "our" and "Sempra Energy Consolidated" are to Sempra Energy and its consolidated entities, unless otherwise indicated by the context. We have eliminated intercompany accounts and transactions within the consolidated financial statements of each reporting entity.

Throughout this report, we refer to the following as Condensed Consolidated Financial Statements and Notes to Condensed Consolidated Financial Statements when discussed together or collectively:

the Condensed Consolidated Financial Statements and related Notes of Sempra Energy and its subsidiaries and VIEs; the Condensed Consolidated Financial Statements and related Notes of SDG&E and its VIE; and the Condensed Financial Statements and related Notes of SoCalGas.

We have prepared the Condensed Consolidated Financial Statements in conformity with U.S. GAAP and in accordance with the interim-period-reporting requirements of Form 10-Q. Results of operations for interim periods are not necessarily indicative of results for the entire year. We evaluated events and transactions that occurred after June 30, 2017 through the date the financial statements were issued and, in the opinion of management, the accompanying statements reflect all adjustments necessary for a fair presentation. These adjustments are only of a normal, recurring nature.

All December 31, 2016 balance sheet information in the Condensed Consolidated Financial Statements has been derived from our audited 2016 Consolidated Financial Statements in the Annual Report. Certain information and note disclosures normally included in annual financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to the interim-period-reporting provisions of U.S. GAAP and the SEC.

We describe our significant accounting policies in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report. We follow the same accounting policies for interim reporting purposes.

You should read the information in this Quarterly Report in conjunction with the Annual Report.

Regulated Operations

The California Utilities and Sempra Mexico's natural gas distribution utility, Ecogas, prepare their financial statements in accordance with the provisions of U.S. GAAP governing rate-regulated operations. We discuss these provisions and revenue recognition at our utilities in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report. Sempra South American Utilities has controlling interests in two electric distribution utilities in South America, Chilquinta Energía in Chile and Luz del Sur in Peru. Revenues are based on tariffs that are set by government agencies in their respective countries based on an efficient model distribution company defined by those agencies. Because the tariffs are based on a model and are intended to cover the costs of the model company, but are not based on the costs of the specific utility and may not result in full cost recovery, these utilities do not meet the requirements necessary for, and therefore do not apply, regulatory accounting treatment under U.S. GAAP.

Our Sempra Mexico segment includes the operating companies of our subsidiary, IEnova. Certain business activities at IEnova are regulated by the CRE and meet the regulatory accounting requirements of U.S. GAAP. Pipeline projects currently under construction by IEnova that meet the regulatory accounting requirements of U.S. GAAP record the impact of AFUDC related to equity. We discuss AFUDC in Note 5 below and in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report.

Sempra LNG & Midstream owned Mobile Gas in southwest Alabama and Willmut Gas in Mississippi until they were sold in September 2016, as we discuss in Note 3 of the Notes to Consolidated Financial Statements in the Annual Report. Mobile Gas and Willmut Gas also prepared their financial statements in accordance with U.S. GAAP provisions governing rate-regulated operations.

NOTE 2. NEW ACCOUNTING STANDARDS

We describe below recent pronouncements that have had or may have a significant effect on our financial condition, results of operations, cash flows or disclosures.

ASU 2014-09, "Revenue from Contracts with Customers," ASU 2015-14, "Deferral of the Effective Date," ASU 2016-08, "Principal versus Agent Considerations (Reporting Revenue Gross versus Net)," ASU 2016-10, "Identifying Performance Obligations and Licensing" and ASU 2016-12, "Narrow-Scope Improvements and Practical Expedients": ASU 2014-09 provides accounting guidance for the recognition of revenue from contracts with customers and affects all entities that enter into contracts to provide goods or services to their customers. The guidance also provides a model for the measurement and recognition of gains and losses on the sale of certain nonfinancial assets, such as property and equipment, including real estate. This guidance must be adopted using either a full retrospective approach for all periods presented in the period of adoption or a modified retrospective approach. Amending ASU 2014-09, ASU 2016-08 clarifies the implementation guidance on principal versus agent considerations, ASU 2016-10 clarifies the determination of whether a good or service is separately identifiable from other promises and revenue recognition related to licenses of intellectual property, and ASU 2016-12 provides guidance on transition, collectability, noncash consideration, and the presentation of sales and other similar taxes. ASU 2015-14 defers the effective date of ASU 2014-09 by one year for all entities and permits early adoption on a limited basis. For public entities, ASU 2014-09 is effective for fiscal years beginning after December 15, 2017, with early adoption permitted for fiscal years beginning after December 15, 2016, and is effective for interim periods in the year of adoption. We will adopt ASU 2014-09 on January 1, 2018 using the modified retrospective transition method and are currently evaluating the effect on our ongoing financial reporting. As part of our evaluation, we formed multiple working groups with oversight from a steering committee comprised of members from relevant Sempra Energy business units. We separated our various revenue streams into high-level categories, which served as the basis for accounting analysis and documentation of the impact of ASU 2014-09 on our revenue recognition. The majority of Sempra Energy's revenues result from electric and natural gas service to Sempra Utilities' customers. Sempra Energy does not anticipate that the ASUs will materially impact the amount and timing of consolidated revenues. However, we do anticipate changes to the presentation of revenues on our statements of operations and additional disclosures around the nature, amount, timing and uncertainty of our revenues and cash flows arising from contracts with customers. We continue to actively monitor outstanding issues currently being addressed by the American Institute of

Certified Public Accountants' Revenue Recognition Working Group and the Financial Accounting Standards Board's Transition Resource Group, since conclusions reached by these groups may impact our application of these ASUs. **ASU 2016-01, "Recognition and Measurement of Financial Assets and Financial Liabilities":** In addition to the presentation and disclosure requirements for financial instruments, ASU 2016-01 requires entities to measure equity investments, other than those accounted for under the equity method, at fair value and recognize changes in fair value in net income. Entities will no longer be able to use the cost method of accounting for equity securities. However, for equity investments without readily determinable fair values

that do not qualify for the practical expedient to estimate fair value using net asset value per share, entities may elect a measurement alternative that will allow those investments to be recorded at cost, less impairment, and adjusted for subsequent observable price changes. Entities must record a cumulative-effect adjustment to the balance sheet as of the beginning of the first reporting period in which the standard is adopted, except for equity investments without readily determinable fair values, for which the guidance will be applied prospectively.

For public entities, ASU 2016-01 is effective for fiscal years beginning after December 15, 2017. We will adopt ASU 2016-01 on January 1, 2018 and do not expect it to materially affect our financial condition, results of operations or cash flows.

ASU 2016-02, "Leases": ASU 2016-02 requires entities to include substantially all leases on the balance sheet by requiring the recognition of right-of-use assets and lease liabilities for all leases. Entities may elect to exclude from the balance sheet those leases with a maximum possible term of less than 12 months. For lessees, a lease is classified as finance or operating, and the asset and liability are initially measured at the present value of the lease payments. For lessors, accounting for leases is largely unchanged from previous provisions of U.S. GAAP, other than certain changes to align lessor accounting to specific changes made to lessee accounting and ASU 2014-09. ASU 2016-02 also requires new qualitative and quantitative disclosures for both lessees and lessors.

For public entities, ASU 2016-02 is effective for fiscal years beginning after December 15, 2018, with early adoption permitted, and is effective for interim periods in the year of adoption. The standard requires lessees and lessors to recognize and measure leases at the beginning of the earliest period presented using a modified retrospective approach. The modified retrospective approach includes optional practical expedients that may be elected, which would allow entities to continue to account for leases that commence before the effective date of the standard in accordance with previous U.S. GAAP unless the lease is modified, except for the lessee requirement to begin recognizing right-of-use assets and lease liabilities for all operating leases on the balance sheet at the reporting date. We are currently evaluating the effect of the standard on our ongoing financial reporting and plan to adopt the standard on January 1, 2019. As part of our evaluation, we formed a steering committee comprised of members from relevant Sempra Energy business units and are compiling our population of contracts. Based on our assessment to date, we have determined that we will elect the practical expedients available under the transition guidance described above. We continue to monitor outstanding issues currently being addressed by the Financial Accounting Standards Board, since conclusions it reaches may impact our application of this ASU.

ASU 2016-09, "Improvements to Employee Share-Based Payment Accounting": ASU 2016-09 is intended to simplify several aspects of the accounting for employee share-based payment transactions. Under ASU 2016-09, excess tax benefits and tax deficiencies are required to be recorded in earnings, and the requirement to reclassify excess tax benefits and tax deficiencies from operating to financing activities on the statement of cash flows has been eliminated. ASU 2016-09 also allows entities to withhold taxes up to the maximum individual statutory tax rate without resulting in liability classification of the award and clarifies that cash payments made to taxing authorities in connection with withheld shares should be classified as financing activities in the statement of cash flows. We early adopted the provisions of ASU 2016-09 during the three months ended September 30, 2016, with an effective date of January 1, 2016. The adoption did not impact the financial statements for the three months ended June 30, 2016, except as noted in the table below. The following financial statement line items for the six months ended June 30, 2016 were affected by the change in accounting principle:

IMPACT FROM ADOPTION OF ASU 2016-09

(Dollars in millions, except per share amounts)

	Six months ended June 2016			
	As previously reported		As adjuste	∍d
Sempra Energy Consolidated:				
Condensed Consolidated Statement of Operations:				
Income tax expense	\$(36)	\$ 34	\$ (2)
Net income	357	34	391	
Earnings	335	34	369	

Basic earnings per common share	\$1.34	\$ 0.14	\$1.48
Diluted earnings per common share	\$1.33	\$ 0.14	\$1.47
Weighted-average number of shares outstanding, diluted (thousands)(1)	251,68	251,775	
Condensed Consolidated Statement of Comprehensive Income (Loss):			
Net income	\$357	\$ 34	\$391
Comprehensive income	312	34	346
Comprehensive income, after preferred dividends of subsidiary	311	34	345

Condensed Consolidated Statement of Cash Flows:			
Cash flows from operating activities:			
Net income	\$357	\$34	\$391
Adjustments to reconcile net income to net cash provided by operating activities:			
Deferred income taxes and investment tax credits	(42)	(34)	(76)
Other(2)	11	34	45
Net cash provided by operating activities	882	34	916
Cash flows from financing activities:			
Tax benefit related to share-based compensation	34	(34)	_
Net cash provided by financing activities	916	(34)	
SDG&E:		()	
Condensed Consolidated Statement of Operations:			
Income tax expense	\$(120)	\$7	\$(113)
Net income	217	7	224
Earnings attributable to common shares	229	7	236
Lamingo attributado to common charco		•	200
Condensed Consolidated Statement of Comprehensive Income (Loss):			
Net income	\$217	\$7	\$224
Comprehensive income	216	7	223
	_		_
Condensed Consolidated Statement of Cash Flows:			
Condensed Consolidated Statement of Cash Flows: Cash flows from operating activities:			
	\$217	\$7	\$224
Cash flows from operating activities:	\$217	\$7	\$224
Cash flows from operating activities: Net income	\$217 26	,	•
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities:	·	,	\$224 19
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas:	·	,	•
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations:	26	(7)	19
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense	26 \$(58)	(7)	19 \$(54)
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income	26	(7)	19
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense	26 \$(58)	(7) \$4 4	19 \$(54) 199
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares	26 \$(58)	(7) \$4 4	19 \$(54) 199
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss):	26 \$(58)	(7) \$4 4	19 \$(54) 199
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares	\$(58) 195 194	(7) \$4 4	\$(54) 199 198
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss):	\$(58) 195 194	(7) \$4 4	\$(54) 199 198
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss): Net income/Comprehensive income Condensed Statement of Cash Flows:	\$(58) 195 194	(7) \$4 4	\$(54) 199 198
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss): Net income/Comprehensive income	\$(58) 195 194	(7) \$4 4	\$(54) 199 198
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss): Net income/Comprehensive income Condensed Statement of Cash Flows: Cash flows from operating activities: Net income	\$(58) 195 194 \$195	(7) \$4 4 4 \$4	\$(54) 199 198 \$199
Cash flows from operating activities: Net income Adjustments to reconcile net income to net cash provided by operating activities: Deferred income taxes and investment tax credits SoCalGas: Condensed Statement of Operations: Income tax expense Net income Earnings attributable to common shares Condensed Statement of Comprehensive Income (Loss): Net income/Comprehensive income Condensed Statement of Cash Flows: Cash flows from operating activities:	\$(58) 195 194 \$195	(7) \$4 4 4 \$4	\$(54) 199 198 \$199

⁽¹⁾ For the three months ended June 30, 2016, we previously reported 251,938 shares; the effect of adoption of the ASU resulted in an "as adjusted" 252,036 shares.

ASU 2016-13, "Measurement of Credit Losses on Financial Instruments": ASU 2016-13 changes how entities will measure credit losses for most financial assets and certain other instruments. The standard introduces an "expected credit loss" impairment model that requires immediate recognition of estimated credit losses expected to occur over the

⁽²⁾ For the six months ended June 30, 2016, we previously reported \$33 million in Other, which was reduced to \$11 million, as \$22 million was reclassified to Impairment Losses to conform to current year presentation.

remaining life of most financial assets measured at amortized cost, including trade and other receivables, loan commitments and financial guarantees. ASU 2016-13 also requires use of an allowance to record estimated credit losses on available-for-sale debt securities and expands disclosure requirements regarding an entity's assumptions, models and methods for estimating the credit losses.

For public entities, ASU 2016-13 is effective for fiscal years beginning after December 15, 2019, with early adoption permitted for fiscal years beginning after December 15, 2018. We are currently evaluating the effect of the standard on our ongoing financial reporting and have not yet selected the year in which we will adopt the standard.

ASU 2016-15, "Classification of Certain Cash Receipts and Cash Payments": ASU 2016-15 provides guidance on how certain cash receipts and cash payments are to be presented and classified in the statement of cash flows in order to reduce diversity in practice.

For public entities, ASU 2016-15 is effective for fiscal years beginning after December 15, 2017, with early adoption permitted, and is effective for interim periods in the year of adoption. An entity that elects early adoption must adopt all of the amendments in the same period. Entities must apply the guidance retrospectively to all periods presented, but may apply it prospectively if retrospective application would be impracticable. We plan to adopt the standard in the fourth quarter of 2017. If we had adopted ASU 2016-15 effective January 1, 2017, there would have been no impact to the Sempra Energy, SDG&E or SoCalGas Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2017, based on the timing of cash receipts and cash payments impacted by the ASU.

**ASU 2016-18*, "Restricted Cash": ASU 2016-18 requires amounts described as restricted cash and restricted cash equivalents to be included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. A reconciliation between the balance sheet and the statement of cash flows must be disclosed when the balance sheet includes more than one line item for cash, cash equivalents, restricted cash and restricted cash equivalents.

For public entities, ASU 2016-18 is effective for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years, with early adoption permitted. We plan to adopt the standard in the fourth quarter of 2017. If we had adopted ASU 2016-18 effective January 1, 2017, cash and cash equivalents at the beginning of the period would have included restricted cash of \$76 million and \$12 million, and cash and cash equivalents at the end of the period would have included restricted cash of \$87 million and \$14 million in Sempra Energy's and SDG&E's Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2017, respectively. ASU 2017-04, "Simplifying the Test for Goodwill Impairment": ASU 2017-04 removes the second step of the goodwill impairment test, which requires a hypothetical purchase price allocation. An entity will be required to apply a one-step quantitative test and record the amount of goodwill impairment as the excess of a reporting unit's carrying amount over its fair value, not to exceed the carrying amount of goodwill. For public entities, ASU 2017-04 is effective for annual or interim goodwill impairment tests in fiscal years beginning after December 15, 2019, with early adoption permitted. The amendments are to be applied on a prospective basis. We have not yet selected the year in which we will adopt the standard.

ASU 2017-05, "Clarifying the Scope of Asset Derecognition Guidance and Accounting for Partial Sales of Nonfinancial Assets": ASU 2017-05 clarifies the scope of accounting for the derecognition or partial sale of nonfinancial assets to exclude all businesses and nonprofit activities. ASU 2017-05 also provides a definition for in-substance nonfinancial assets and additional guidance on partial sales of nonfinancial assets. For public entities, ASU 2017-05 is effective for annual reporting periods beginning after December 15, 2017, including interim periods within that reporting period, with early adoption permitted. Entities may apply a full retrospective or modified retrospective approach. Under a modified retrospective approach, entities are required to apply the guidance to any transactions that are not completed as of the adoption date. We will adopt the standard in conjunction with our adoption of ASU 2014-09 on January 1, 2018 using the modified retrospective transition method.

ASU 2017-07, "Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost": ASU 2017-07 requires the service cost component of net periodic benefit costs to be presented in the same income statement line item as other employee compensation costs arising from services rendered during the period and the other components of net periodic benefit costs to be presented separately outside of operating income. The guidance also allows only the service cost component to be eligible for capitalization. For public entities, ASU 2017-07 is effective for annual reporting periods beginning after December 15, 2017, with early adoption permitted as of the beginning of an annual period for which financial statements have not been issued or made available for issuance. Amendments are to be applied retrospectively for presentation of costs and prospectively for capitalization of service costs. The guidance allows a practical expedient that permits use of previously disclosed service costs and other costs from the pension and other postretirement benefit plan note in the comparative periods as appropriate estimates when retrospectively changing the presentation of these costs in the statements of operations. We are currently evaluating the effect of the standard on our ongoing financial reporting and will adopt the standard on January 1, 2018. Based on our assessment to date, we have determined that we will elect the practical expedient available under the transition guidance.

NOTE 3. ACQUISITION AND DIVESTITURE ACTIVITY

We consolidate assets acquired and liabilities assumed as of the purchase date and include earnings from acquisitions in consolidated earnings after the purchase date. We did not complete any acquisitions during the six months ended June 30, 2017 or 2016. At June 30, 2017, the purchase price allocations for the acquisitions of Ventika in December 2016 and IEnova Pipelines (formerly known as GdC) in September 2016 were preliminary and subject to completion. Adjustments to the fair value estimates may occur as various valuations and assessments are finalized, primarily related to tax assets, liabilities and other attributes.

ACQUISITION

Sempra Renewables

On July 10, 2017, Sempra Renewables paid \$124 million in cash for an asset acquisition of a solar project located near Fresno, California, which is currently under construction. We expect to place the project into service in phases during the fourth quarter of 2017 and the first half of 2018 and, when fully constructed, it will be capable of producing up to 200 MW of solar power. The solar project is fully contracted under four long-term PPAs, with an average contract term of 18 years.

ASSETS HELD FOR SALE

We classify assets as held for sale when management approves and commits to a formal plan to actively market an asset for sale and we expect the sale to close within the next 12 months. Upon classifying an asset as held for sale, we record the asset at the lower of its carrying value or its estimated fair value reduced for selling costs.

Sempra Mexico

Termoeléctrica de Mexicali

In February 2016, management approved a plan to market and sell Sempra Mexico's TdM, a 625-MW natural gas-fired power plant located in Mexicali, Baja California, Mexico, as we discuss in Note 3 of the Notes to Consolidated Financial Statements in the Annual Report. As a result, we stopped depreciating the plant and classified it as held for sale.

In connection with the sales process, Sempra Mexico received new market information indicating that the fair value of TdM at June 30, 2017 is lower than previously estimated. As a result, and after further analysis, Sempra Mexico further reduced the carrying value of TdM by recognizing a noncash impairment charge of \$71 million in the three months and six months ended June 30, 2017, recorded in Impairment Losses on Sempra Energy's Condensed Consolidated Statements of Operations. We discuss non-recurring fair value measures and the associated accounting impact on TdM in Note 8.

In connection with TdM's classification as held for sale, we recognized a \$3 million and \$8 million tax benefit for the three months and six months ended June 30, 2017, respectively, and \$3 million and \$32 million in tax expense for the three months and six months ended June 30, 2016, respectively, related to a deferred Mexican income tax liability related to the excess of carrying value over the tax basis. As the Mexican income tax on this outside basis difference is based on current carrying value, foreign exchange rates and inflation, such amount could change in future periods until the date of sale. We are actively pursuing the sale of TdM, which we expect to be completed in the second half of 2017.

At June 30, 2017, the carrying amounts of the major classes of assets and related liabilities held for sale associated with TdM are as follows:

ASSETS HELD FOR SALE AT JUNE 30, 2017

(Dollars in millions)					
	Ter	moeléctrica			
	de	Mexicali			
Inventories	\$	10			
Other current assets	19				
Property, plant and equipment, net	55				
Other noncurrent assets	25				
Total assets held for sale	\$	109			
Accounts payable	\$	11			
Other current liabilities	4				
Asset retirement obligations	5				
Other noncurrent liabilities	27				
Total liabilities held for sale	\$	47			

DIVESTITURE

Sempra LNG & Midstream

Investment in Rockies Express Pipeline LLC

In March 2016, Sempra LNG & Midstream entered into an agreement to sell its 25-percent interest in Rockies Express for cash consideration of \$440 million, subject to adjustment at closing. The transaction closed in May 2016 for total cash proceeds of \$443 million.

At the date of the agreement, the carrying value of Sempra LNG & Midstream's investment in Rockies Express was \$484 million. Following the execution of the agreement, Sempra LNG & Midstream measured the fair value of its equity method investment at \$440 million, and recognized a \$44 million (\$27 million after-tax) impairment in Equity Earnings (Losses), Before Income Tax, on the Sempra Energy Condensed Consolidated Statement of Operations in the first quarter of 2016. We discuss non-recurring fair value measures and the associated accounting impact on our investment in Rockies Express in Note 10 of the Notes to Consolidated Financial Statements in the Annual Report.

NOTE 4. INVESTMENTS IN UNCONSOLIDATED ENTITIES

Sempra Energy uses the equity method to account for investments in affiliated companies over which we have the ability to exercise significant influence, but not control. We provide additional information concerning our equity method investments in Note 3 above and in Notes 3 and 4 of the Notes to Consolidated Financial Statements in the Annual Report.

SEMPRA SOUTH AMERICAN UTILITIES

In February 2017, Sempra South American Utilities recorded the equitization of its \$19 million note receivable due from Eletrans, resulting in an increase in its investment in this unconsolidated joint venture.

SEMPRA MEXICO

Sempra Mexico invested cash of \$72 million in its unconsolidated joint venture, IMG, in the six months ended June 30, 2017.

SEMPRA RENEWABLES

Sempra Renewables invested cash of \$18 million in its unconsolidated joint ventures in the six months ended June 30, 2016

SEMPRA LNG & MIDSTREAM

Sempra LNG & Midstream capitalized \$24 million of interest during both the six months ended June 30, 2017 and 2016 related to its investment in Cameron LNG JV, which has not commenced planned principal operations. During the six months ended June 30, 2017, Sempra LNG & Midstream invested cash of \$1 million in this unconsolidated joint venture.

In May 2016, Sempra LNG & Midstream sold its 25-percent interest in Rockies Express, as we discuss in Note 3.

GUARANTEES

At June 30, 2017, we had outstanding guarantees aggregating a maximum of \$4.7 billion with an aggregate carrying value of \$44 million. We discuss these guarantees below and in Note 4 of the Notes to Consolidated Financial Statements in the Annual Report.

Sempra Mexico

IMG is a joint venture between a subsidiary of IEnova and a subsidiary of TransCanada. IEnova has an indirect 40-percent ownership interest and TransCanada has an indirect 60-percent ownership interest in IMG. IEnova and TransCanada have each provided guarantees to third parties associated with construction of IMG's Sur de Texas - Tuxpan natural gas marine pipeline. The aggregate amount of the obligations guaranteed by IEnova shall not exceed \$288 million and will terminate upon completion of all guaranteed obligations. IEnova expects the construction giving rise to these guarantees to be completed by the end of 2018.

NOTE 5. OTHER FINANCIAL DATA

INVENTORIES

The components of inventories by segment are as follows:

INVENTORY BALANCES

(Dollars in millions)

	Natural gas		Liquefied natural gas			Mater suppli	ials and es	Total				
	June 30, 2017	De 31	cember 2016	3(1)		30, 21 2016 2017 21 2016			June 3 D ecem 2017 31, 201			
SDG&E	\$1	\$	2	\$ —	\$	_	\$88	\$ 78	\$89	\$ 80		
SoCalGas(1)	_	11		_	_		45	47	45	58		
Sempra South American Utilities	_	_		_	_		33	27	33	27		
Sempra Mexico	_	_		12	6		2	1	14	7		
Sempra Renewables	_	_		_	_		4	4	4	4		
Sempra LNG & Midstream	51	79		3	3		_	_	54	82		
Sempra Energy Consolidated	\$52	\$	92	\$15	\$	9	\$172	\$ 157	\$239	\$ 258		

⁽¹⁾ At June 30, 2017 and December 31, 2016, SoCalGas' natural gas inventory for core customers is net of an inventory loss related to the Aliso Canyon natural gas leak, which we discuss in Note 11.

GREENHOUSE GAS ALLOWANCES

The Condensed Consolidated Balance Sheets include the following amounts associated with GHG allowances and obligations.

GHG ALLOWANCES AND OBLIGATIONS

(Dollars in millions)

		a Energy lidated	SDG&	E	SoCal	Gas
	June December 3		June	December	June	December
	30,	31,	30, 31,		30,	31,
	2017	2016	2017 2016		2017	2016
Assets:						
Other current assets	\$40	\$ 40	\$16	\$ 16	\$24	\$ 24
Sundry	334	295	190	182	140	109
Total assets	\$374	\$ 335	\$206	\$ 198	\$164	\$ 133
Liabilities:						
Other current liabilities	\$40	\$ 40	\$16	\$ 16	\$24	\$ 24
Deferred credits and other	202	171	88	72	111	96
Total liabilities	\$242	\$ 211	\$104	\$ 88	\$135	\$ 120

GOODWILL

We discuss goodwill in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report. The increase in goodwill from \$2,364 million at December 31, 2016 to \$2,379 million at June 30, 2017 is due to foreign currency translation at Sempra South American Utilities. We record the offset of this fluctuation in OCI.

VARIABLE INTEREST ENTITIES

We consolidate a VIE if we are the primary beneficiary of the VIE. Our determination of whether we are the primary beneficiary is based on qualitative and quantitative analyses, which assess

the purpose and design of the VIE;

the nature of the VIE's risks and the risks we absorb;

the power to direct activities that most significantly impact the economic performance of the VIE; and the obligation to absorb losses or right to receive benefits that could be significant to the VIE.

SDG&E

SDG&E's power procurement is subject to reliability requirements that may require SDG&E to enter into various power purchase arrangements which include variable interests. SDG&E evaluates the respective entities to determine if variable interests exist and, based on the qualitative and quantitative analyses described above, if SDG&E, and thereby Sempra Energy, is the primary beneficiary.

Tolling Agreements

SDG&E has agreements under which it purchases power generated by facilities for which it supplies all of the natural gas to fuel the power plant (i.e., tolling agreements). SDG&E's obligation to absorb natural gas costs may be a significant variable interest. In addition, SDG&E has the power to direct the dispatch of electricity generated by these facilities. Based upon our analysis, the ability to direct the dispatch of electricity may have the most significant impact on the economic performance of the entity owning the generating facility because of the associated exposure to the cost of natural gas, which fuels the plants, and the value of electricity produced. To the extent that SDG&E (1) is obligated to purchase and provide fuel to operate the facility, (2) has the power to direct the dispatch, and (3) purchases all of the output from the facility for a substantial portion of the facility's useful life, SDG&E may be the primary beneficiary of the entity owning the generating facility. SDG&E determines if it is the primary beneficiary in these cases based on a qualitative approach in which we consider the operational characteristics of the facility, including its expected power generation output relative to its capacity to generate and the financial structure of the entity, among other factors. If we determine that SDG&E is the primary beneficiary, SDG&E and Sempra Energy consolidate the entity that owns the facility as a VIE.

Otay Mesa VIE

SDG&E has an agreement to purchase power generated at OMEC, a 605-MW generating facility. In addition to tolling, the agreement provides SDG&E with the option to purchase OMEC at the end of the contract term in 2019, or upon earlier termination of the PPA, at a predetermined price subject to adjustments based on performance of the facility. If SDG&E does not exercise its option, under certain circumstances, it may be required to purchase the power plant for \$280 million, which we refer to as the put option.

The facility owner, OMEC LLC, is a VIE, which we refer to as Otay Mesa VIE, of which SDG&E is the primary beneficiary. SDG&E has no OMEC LLC voting rights, holds no equity in OMEC LLC and does not operate OMEC. In addition to the risks absorbed under the tolling agreement, SDG&E absorbs separately through the put option a significant portion of the risk that the value of Otay Mesa VIE could decline. Accordingly, SDG&E and Sempra Energy consolidate Otay Mesa VIE. Otay Mesa VIE's equity of \$34 million at June 30, 2017 and \$37 million at December 31, 2016 is included on the Condensed Consolidated Balance Sheets in Other Noncontrolling Interests for Sempra Energy and in Noncontrolling Interest for SDG&E.

OMEC LLC has a loan outstanding of \$300 million at June 30, 2017, the proceeds of which were used for the construction of OMEC. The loan is with third party lenders and is collateralized by OMEC's assets. SDG&E is not a party to the loan agreement and does not have any additional implicit or explicit financial responsibility to OMEC LLC. The loan fully matures in April 2019 and bears interest at rates varying with market rates. In addition, OMEC LLC has entered into interest rate swap agreements to moderate its exposure to interest rate changes. We provide additional information concerning the interest rate swaps in Note 7.

The Condensed Consolidated Statements of Operations of Sempra Energy and SDG&E include the following amounts associated with Otay Mesa VIE. The amounts are net of eliminations of transactions between SDG&E and Otay Mesa VIE. The captions in the table below correspond to SDG&E's Condensed Consolidated Statements of Operations.

AMOUNTS ASSOCIATED WITH OTAY MESA VIE

(Dollars in millions)

	Three months ended June 30,			s	Six n ende 30,	-		
	2017		2016	,	2017		2016	,
Operating expenses								
Cost of electric fuel and purchased power	\$(21)	\$(17	7)	\$(39)	\$(34	1)
Operation and maintenance	5		15		9		19	
Depreciation and amortization	7		10		14		17	
Total operating expenses	(9)	8		(16)	2	
Operating income (loss)	9		(8)	16		(2)
Interest expense	(5)	(5)	(10)	(10)
Income (loss) before income taxes/Net income (loss)	4		(13)	6		(12)
(Earnings) losses attributable to noncontrolling interest	(4)	13		(6)	12	
Earnings attributable to common shares	\$—		\$ —		\$ —		\$-	

SDG&E has determined that no contracts, other than the one relating to Otay Mesa VIE mentioned above, result in SDG&E being the primary beneficiary of a VIE at June 30, 2017. In addition to the tolling agreements described above, other variable interests involve various elements of fuel and power costs, and other components of cash flow expected to be paid to or received by our counterparties. In most of these cases, the expectation of variability is not substantial, and SDG&E generally does not have the power to direct activities that most significantly impact the economic performance of the other VIEs. In addition, SDG&E is not exposed to losses or gains as a result of these other VIEs, because all such variability would be recovered in rates. If our ongoing evaluation of these VIEs were to conclude that SDG&E becomes the primary beneficiary and consolidation by SDG&E becomes necessary, the effects could be significant to the financial position and liquidity of SDG&E and Sempra Energy. We provide additional information about PPAs with power plant facilities that are VIEs of which SDG&E is not the primary beneficiary in Note 11 below and in Note 15 of the Notes to Consolidated Financial Statements in the Annual Report.

We provide additional information regarding Otay Mesa VIE in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report.

Sempra Renewables

Effective December 2016, certain of Sempra Renewables' wind and solar power generation projects are held by limited liability companies whose members are Sempra Renewables and financial institutions. The financial institutions are noncontrolling tax equity investors to which earnings, tax attributes and cash flows are allocated in accordance with the respective limited liability company agreements. These entities are VIEs and Sempra Energy is the primary beneficiary, generally due to Sempra Energy's power as the operator of the renewable energy projects to direct the activities that most significantly impact the economic performance of these VIEs.

As the primary beneficiary of these tax equity limited liability companies, we consolidate them. Sempra Energy's Condensed Consolidated Balance Sheets included \$912 million and \$926 million of PP&E, net, and equity of \$454 million and \$468 million included in Other Noncontrolling Interests at June 30, 2017 and December 31, 2016, respectively, associated with these entities. Sempra Energy's Condensed Consolidated Statements of Operations include the following amounts associated with the tax equity limited liability companies. The amounts are net of eliminations of transactions between Sempra Energy and these entities.

AMOUNTS
ASSOCIATED
WITH TAX
EQUITY
ARRANGEMENTS
(Dollars in millions)

```
Three
             Six
    months months
    ended
             ended
     June
             June
     30,
             30,
             2017
    2017
REVENUES
Energy-related businesses $ 31
EXPENSES
Operation
and (7
        ) (9 )
maintenance
Depreciation
         ) (16 )
and (8
amortization
Income
before
             6
income
taxes
Income
tax (4
          ) (6
                  )
expense
Net
loss (1
Losses
attributable
to 7
             10
noncontrolling
interests(1)
Earn thous
             $ 10
   Net income or loss
   attributable to the
   noncontrolling
   interests is
(1) computed using
   the HLBV method
   and is not based
   on ownership
   percentages.
```

33

We provide additional information regarding the tax equity limited liability companies in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report.

Sempra LNG & Midstream

Sempra Energy's equity method investment in Cameron LNG JV is considered to be a VIE principally due to contractual provisions that transfer certain risks to customers. Sempra Energy is not the primary beneficiary because we do not have the power to direct the most significant activities of Cameron LNG JV. We will continue to evaluate Cameron LNG JV for any changes that may impact our determination of the primary beneficiary. The carrying value of our investment in Cameron LNG JV, including amounts recognized in AOCI related to interest-rate cash flow hedges at Cameron LNG JV, was \$977 million at June 30, 2017 and \$997 million at December 31, 2016. Our maximum exposure to loss includes the carrying value of our investment and the guarantees discussed in Note 4 above and in Note 4 of the Notes to Consolidated Financial Statements in the Annual Report.

Other Variable Interest Entities

Sempra Energy's other businesses also enter into arrangements which could include variable interests. We evaluate these arrangements and applicable entities based on the qualitative and quantitative analyses described above. Certain of these entities are service companies that are VIEs. As the primary beneficiary of these service companies, we consolidate them; however, their financial statements are not material to the financial statements of Sempra Energy. In all other cases, we have determined that these contracts are not variable interests in a VIE and therefore are not subject to the U.S. GAAP requirements concerning the consolidation of VIEs.

PENSION AND OTHER POSTRETIREMENT BENEFITS

Pension

Net Periodic Benefit Cost

The following three tables provide the components of net periodic benefit cost:

Other

nactratirament

NET PERIODIC BENEFIT COST – SEMPRA ENERGY CONSOLIDATED

(Dollars in millions)

	benefi	bene	remei S	ΠĮ		
	Three 30,	months		_		
	2017	2016	2017		2016	6
Service cost	\$29	\$27	\$5		\$6	
Interest cost	37	40	11		11	
Expected return on assets	(40)	(41)	(17)	(18)
Amortization of:						
Prior service cost	2	3	_		_	
Actuarial loss	8	7	_		_	
Regulatory adjustment	(29)	(28)	2		2	
Total net periodic benefit cost	\$7	\$8	\$ 1		\$1	
	Six mo	onths e	nded .	Jui	ne 30	,
	2017	2016	2017		2016	6
Service cost	\$57	\$55	\$ 11		\$11	
Interest cost	74	80	20		22	
Expected return on assets	(80)	(83)	(33)	(35)
Amortization of:						
Prior service cost	5	6	_		_	
Actuarial loss (gain)	16	13	(1)	_	
Regulatory adjustment	(41)	(56)	4		4	
Total net periodic benefit cost	\$31	\$15	\$ 1		\$2	

NET PERIODIC BENEFIT COST - SDG&E

(Dollars in millions)

(Dollars in millions)				
	Pensi benef	-	Other postret benefits	irement s
	Three 30,	month	s ended	June
	2017	2016	2017	2016
Service cost	\$7	\$8	\$ 2	\$ 1
Interest cost	10	11	2	2
Expected return on assets	(13)	(13)	(4)	(2)
Amortization of:	,	,	,	,
Prior service cost	1	1	1	1
Actuarial loss (gain)	2	2	_	(1)
Regulatory adjustment	(7)	(8)	(1)	(1)
Total net periodic benefit cost	` '	\$1	\$ —	\$ —
	•	•	*	•
	Six m	onths e	nded Ju	ne 30,
	2017	2016	2017	2016
Service cost	\$15	\$15	\$ 3	\$ 2
Interest cost	19	21	4	4
Expected return on assets	(24)	(25)	(7)	(5)
Amortization of:			_	
Prior service cost	1	1	2	2
Actuarial loss (gain)	4	5		(1)
Regulatory adjustment		(15)		(2)
Total net periodic benefit cost	S 1	\$2	\$ —	\$ —
-		•		
NET PERIODIC BENEFIT CO		•	LGAS	
-)ST - :	SOCA	LGAS Other	
NET PERIODIC BENEFIT CO		SOCA	Other postret	irement
NET PERIODIC BENEFIT CO	Pension benefit	SOCA on its	Other	s
NET PERIODIC BENEFIT CO	Pension benefit	SOCA on its	Other postret benefits	s
NET PERIODIC BENEFIT CO	Pension benefit Three	on its month	Other postret benefits s ended	s
NET PERIODIC BENEFIT CO	Pension benefit Three 30,	on its month	Other postret benefits s ended	s June
NET PERIODIC BENEFIT CO (Dollars in millions)	Pensibenefi Three 30, 2017	on its month	Other postret benefits s ended 2017	s June 2016
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost	Penside benefit Three 30, 2017 \$18	on ts month 2016 \$18 25	Other postret benefits ended 2017	2016 \$ 3
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost	Penside benefit Three 30, 2017 \$18	on ts month 2016 \$18 25	Other postret benefits ended 2017 \$ 3	2016 \$ 3
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets	Penside benefit Three 30, 2017 \$18	on ts month 2016 \$18 25	Other postret benefits ended 2017 \$ 3	2016 \$ 3
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of:	Pensibenefi Three 30, 2017 \$18 24 (25)	on ts month: 2016 \$18 25 (27)	Other postret benefits ended 2017 \$ 3	s June 2016 \$ 3 9 (14)
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit)	Pensic benefit Three 30, 2017 \$18 24 (25)	on its month: 2016 \$18 25 (27)	Other postret benefits ended 2017 \$ 3 8 (13)	s June 2016 \$ 3 9 (14)
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain)	Pensic benefit Three 30, 2017 \$18 24 (25)	on tts month: 2016 \$18 25 (27)	Other postret benefits ended 2017 \$ 3 8 (13)	2016 \$ 3 9 (14)
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment	Penside benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1	soca on its month: 2016 \$18 25 (27) 2 2 (20) \$—	Other postret benefits ended 2017 \$ 3 8 (13) — (1) 3 \$ —	2016 \$ 3 9 (14) (1) - 3 \$ —
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment	Pensic benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1	2016 \$18 25 (27) 2 (20) \$—	Other postret benefits ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju	2016 \$ 3 9 (14) (1) — 3 \$ —
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost	Pensic benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six ma 2017	2016 \$18 25 (27) 2 (20) \$— onths e	Other postret benefits s ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost	Penside benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six mode 2017 \$36	month: 2016 \$18 25 (27) 2 (20) \$— onths e 2016 \$35	Other postret benefits sended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7
Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost Service cost Interest cost	Penside benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six ma 2017 \$36 48	2016 \$18 25 (27) 2 (20) \$— onths e 2016 \$35	Other postret benefits ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7 15	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7
Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost Service cost Interest cost Expected return on assets	Penside benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six ma 2017 \$36 48	month: 2016 \$18 25 (27) 2 (20) \$— onths e 2016 \$35	Other postret benefits ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7 15	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost Service cost Interest cost Expected return on assets Amortization of:	Pensic benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six mode 2017 \$36 48 (51)	2016 \$18 25 (27) 2 (20) \$— onths e 2016 \$35 50 (52)	Other postret benefits s ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7 15 (26)	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7 17 (28)
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit)	Pensic benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six mode 2017 \$36 48 (51)	on its month: 2016 \$18 25 (27) 2 2 (20) \$— onths e 2016 \$35 50 (52)	Other postret benefits s ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7 15 (26) (1)	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7
NET PERIODIC BENEFIT CO (Dollars in millions) Service cost Interest cost Expected return on assets Amortization of: Prior service cost (credit) Actuarial loss (gain) Regulatory adjustment Total net periodic benefit cost Service cost Interest cost Expected return on assets Amortization of:	Pensic benefit Three 30, 2017 \$18 24 (25) 2 4 (22) \$1 Six mode 2017 \$36 48 (51)	soca on the soca o	Other postret benefit: s ended 2017 \$ 3 8 (13) — (1) 3 \$ — nded Ju 2017 \$ 7 15 (26) (1) (1)	2016 \$ 3 9 (14) (1) — 3 \$ — ne 30, 2016 \$ 7 17 (28)

Total net periodic benefit cost \$18 \$1 \$— \$—

Benefit Plan Contributions

The following table shows our year-to-date contributions to pension and other postretirement benefit plans and the amounts we expect to contribute in 2017:

BENEFIT PLAN CONTRIBUTIONS

(Dollars in millions)

Pension plans

Pension plans

Diluted

Sempra Energy SDG&E SoCalGas Consolidated Contributions through June 30, 2017: \$ 28 \$ 2 \$ 17 Other postretirement benefit plans 1 Total expected contributions in 2017: \$ 32 \$ 90 174

4

8

RABBI TRUST

In support of its Supplemental Executive Retirement, Cash Balance Restoration and Deferred Compensation Plans, Sempra Energy maintains dedicated assets, including a Rabbi Trust and investments in life insurance contracts, which totaled \$427 million and \$430 million at June 30, 2017 and December 31, 2016, respectively.

1

EARNINGS PER SHARE

Other postretirement benefit plans

The following table provides EPS computations for the three months and six months ended June 30, 2017 and 2016. Basic EPS is calculated by dividing earnings attributable to common stock by the weighted-average number of common shares outstanding for the period. Diluted EPS includes the potential dilution of common stock equivalent shares that could occur if securities or other contracts to issue common stock were exercised or converted into common stock.

EARNINGS PER SHARE COMPUTATIONS

(Dollars in millions, except per share amounts; shares in thousands)

	Three months ended June 30,	Six months ended June 30,
	2017 2016(1)	2017 2016(1)
Numerator:		
Earnings/Income attributable to common shares	\$259 \$ 16	\$700 \$ 369
Denominator:		
Weighted-average common shares outstanding for basic EPS(2)	251,44250,096	251,29 0 49,915
Dilutive effect of stock options, RSAs and RSUs(3)	1,375 1,940	1,319 1,860
Weighted-average common shares outstanding for diluted EPS	252,82 2 52,036	252,60 2 51,775
EPS:		
Basic	\$1.03 \$ 0.06	\$2.79 \$ 1.48

⁽¹⁾ As adjusted for the adoption of ASU 2016-09 as of January 1, 2016, as we discuss in Note 2.

Includes 608 and 568 average fully vested RSUs held in our Deferred Compensation Plan for the three months ended June 30, 2017 and 2016,

1.03 0.06

2.77 1.47

The potentially dilutive impact from stock options, RSAs and RSUs is calculated under the treasury stock method. Under this method, proceeds based on the exercise price and unearned compensation are assumed to be used to

⁽²⁾ respectively, and 604 and 562 for the six months ended June 30, 2017 and 2016, respectively. These fully vested RSUs are included in weighted-average common shares outstanding for basic EPS because there are no conditions under which the corresponding shares will not be issued.

Due to market fluctuations of both Sempra Energy stock and the comparative indices used to determine the vesting percentage of our total (3) shareholder return performance-based RSUs, which we discuss in Note 8 of the Notes to Consolidated Financial Statements in the Annual Report, dilutive RSUs may vary widely from period-to-period.

repurchase shares on the open market at the average market price for the period, reducing the number of potential new shares to be issued and sometimes causing an antidilutive effect. The computation of diluted EPS for the three months ended June 30, 2017 and 2016 excludes 3,010 and 1,010 potentially dilutive shares, respectively, because to include them would be antidilutive for the period. The computation of diluted EPS

for the six months ended June 30, 2017 and 2016 excludes 3,010 and 2,408 such potentially dilutive shares, respectively. However, these shares could potentially dilute basic EPS in the future.

Pursuant to our Sempra Energy share-based compensation plans, Sempra Energy's Board of Directors granted 424,760 performance-based RSUs and 93,619 service-based RSUs during the six months ended June 30, 2017, primarily in January. During the six months ended June 30, 2017, IEnova granted 1,034,086 RSUs from the IEnova 2013 Long-Term Incentive Plan, under which awards are cash settled at vesting based on the price of IEnova common stock.

We discuss share-based compensation plans and related awards further in Note 8 of the Notes to Consolidated Financial Statements in the Annual Report.

CAPITALIZED FINANCING COSTS

Capitalized financing costs include capitalized interest costs and AFUDC related to both debt and equity financing of construction projects. We capitalize interest costs incurred to finance capital projects and interest on equity method investments that have not commenced planned principal operations.

Interest capitalized and AFUDC are as follows:

CAPITALIZED FINANCING COSTS

(Dollars in millions)

Three Six months months ended June ended June 30, 2017 2016 2017 2016 Sempra Energy Consolidated \$62 \$58 \$144 \$110 17 41 32 15 14 27

37

SDG&E

SoCalGas

COMPREHENSIVE INCOME

The following tables present the changes in AOCI by component and amounts reclassified out of AOCI to net income, excluding amounts attributable to noncontrolling interests:

CHANGES IN ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) BY

COMPONENT(1)

(Dollars in millions)

Sempra Energy Consolidated:	Foreign currency Financial translatioinstruments adjustments Three months ended of			benefits			Total accumulated other comprehensive income (loss) and 2016		
Balance as of March 31, 2017	\$(481)	\$ (121)	\$	(94)	\$	(696)
OCI before reclassifications	3	(26)	_			(2	3)
Amounts reclassified from AOCI Net OCI	3	— (26)	1			1 (2	2)
Balance as of June 30, 2017	\$(478)	\$ (147)	\$	(93)	\$	(718)
Balance as of March 31, 2016	\$(514)	\$ (221)	\$	(86)	\$	(821)
OCI before reclassifications Amounts reclassified from AOCI	11	(48 5)	— 1			(3 6	7)
Net OCI	11	(43)	1			(3	1)
Balance as of June 30, 2016 SDG&E:	\$(503)	\$ (264)	\$	(85)	\$	(852)
Balance as of March 31, 2017 and June 30, 2017				\$	(8)	\$	(8)
Balance as of March 31, 2016 and June 30, 2016 SoCalGas:				\$	(8)	\$	(8)
Balance as of March 31, 2017		\$ (13)	\$	(9)	\$	(22)
Amounts reclassified from AOCI Net OCI		_		1			1		
Balance as of June 30, 2017		\$ (13)	\$	(8)	\$	(21)
Balance as of March 31, 2016 and June 30, 2016 (1) All amounts are net of income tax, if subject to tax, and	d exclude	\$ (14 noncontroll	,	\$ g in	(5 terests.)	\$	(19)

CHANGES IN ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) BY COMPONENT(1) (Dollars in millions)

(Dollars in millions)										
	translation	currency Financial translationinstruments			Pension and other postretirement benefits			Total accumulated other comprehensing income (loss)		
	Six mon	ths ended J	un	ie 3	80, 2017	anc		,	-,	
Sempra Energy Consolidated:										
Balance as of December 31, 2016	\$(527)	\$ (125)	\$	(96)	\$	(748)	
OCI before reclassifications	49	(28)	_			2	1		
Amounts reclassified from AOCI	_	6		3			9			
Net OCI	49	(22)	3			30	0		
Balance as of June 30, 2017	\$(478)	\$ (147)	\$	(93)	\$	(718)	
Balance as of December 31, 2015	\$(582)	\$ (137)	\$	(87)	\$	(806)	
OCI before reclassifications	79	(130)	—			(5	51)	
Amounts reclassified from AOCI	_	3		2			5			
Net OCI	79	(127)	2			(4	 6)	
Balance as of June 30, 2016 SDG&E:	\$(503)	\$ (264)	\$	(85)	\$	(852)	
Balance as of December 31, 2016 and June 30, 2017				\$	(8)	\$	(8)	
Balance as of December 31, 2015 and June 30, 2016 SoCalGas:				\$	(8)	\$	(8)	
Balance as of December 31, 2016		\$ (13)	\$	(9)	\$	(22)	
Amounts reclassified from AOCI		_	•	1	`	,	1	•	,	
Net OCI		_		1			1			
Balance as of June 30, 2017		\$ (13)	\$	(8)	\$	(21)	
Balance as of December 31, 2015 and June 30, 2016 (1) All amounts are net of income tax, if subject to tax, and exceeds the control of the co	clude nond	\$ (14 controlling in) nte	\$ eres	(5 sts.)	\$	(19)	
39										

RECLASSIFICATIONS OUT OF ACCUMULAT (Dollars in millions)	red c	TI	HER C	OMPREHENSIVE INCOME (LOSS)
Details about accumulated other comprehensive income (loss) components	accumulated other comprehensive income (loss) Three months ended June 30,		fied lated hensive (loss) nonths	Affected line item on Condensed Consolidated Statements of Operations
Sempra Energy Consolidated:	2017		2010	
Financial instruments:				
Interest rate and foreign exchange instruments	\$ (1)	\$ 3	Interest Expense
Interest rate instruments	2	•	2	Equity Earnings (Losses), Before Income Tax
Interest rate and foreign exchange instruments	3		5	Equity Earnings (Losses), Net of Income Tax
Foreign exchange instruments	(1)	_	Revenues: Energy-Related Businesses
Total before income tax	3		10	
	(1)	(1)	Income Tax (Expense) Benefit
Net of income tax	2		9	
	(2 \$ —)	(4) \$ 5	Losses (Earnings) Attributable to Noncontrolling Interests
Pension and other postretirement benefits:	Ψ		ΨΟ	
Amortization of actuarial loss	\$ 2		\$ 2	See note (1) below
	(1)	(1)	Income Tax (Expense) Benefit
Net of income tax	\$ 1	,	\$ 1	· · · ·
Total reclassifications for the period, net of tax SDG&E:	\$ 1		\$ 6	
Financial instruments:				
Interest rate instruments	\$3		\$3	Interest Expense
	(3)	(3)	(Earnings) Losses Attributable to Noncontrolling Interest
Total reclassifications for the period SoCalGas:	\$ —		\$ —	
Develop and ather postuative mant benefits.				

Pension and other postretirement benefits:

Amortization of actuarial loss \$ 1 \$ — See note (1) below

Total reclassifications for the period, net of tax \$ 1 \$ —

(1) Amounts are included in the computation of net periodic benefit cost (see "Pension and Other Postretirement Benefits" above).

RECLASSIFICATIONS OUT OF ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)

(Dollars in millions) Amounts reclassified from Details about accumulated other Affected line item on Condensed accumulated comprehensive income (loss) components Consolidated Statements of Operations other comprehensive income (loss) Six months ended June 30. 2017 2016 Sempra Energy Consolidated: Financial instruments: Interest rate and foreign exchange instruments \$ (4) \$ 7 Interest Expense Interest rate instruments 4 5 Equity Earnings (Losses), Before Income Tax Interest rate and foreign exchange instruments 5 Equity Earnings (Losses), Net of Income Tax 6 Foreign exchange instruments 1 Revenues: Energy-Related Businesses Commodity contracts not subject to rate recovery 9 (7) Revenues: Energy-Related Businesses Total before income tax 15 11 (5) (1) Income Tax (Expense) Benefit Net of income tax 10 10) (7) Losses (Earnings) Attributable to Noncontrolling Interests (4 \$6 \$3 Pension and other postretirement benefits: Amortization of actuarial loss \$ 5 \$ 4 See note (1) below (2) Income Tax (Expense) Benefit) Net of income tax \$3 \$2 Total reclassifications for the period, net of tax \$9 \$5 SDG&E: Financial instruments: Interest rate instruments \$6 Interest Expense (6) (Earnings) Losses Attributable to Noncontrolling Interest (6 Total reclassifications for the period \$ — SoCalGas: Pension and other postretirement benefits: Amortization of actuarial loss \$ — See note (1) below \$ 1 Total reclassifications for the period, net of tax \$ 1 \$ —

(1) Amounts are included in the computation of net periodic benefit cost (see "Pension and Other Postretirement Benefits" above).

SHAREHOLDERS' EQUITY AND NONCONTROLLING INTERESTS

The following tables provide reconciliations of changes in Sempra Energy's, SDG&E's and SoCalGas' shareholders' equity and noncontrolling interests for the six months ended June 30, 2017 and 2016.

SHAREHOLDERS' EQUITY AND NONCONTROLLING INTERESTS – SEMPRA ENERGY CONSOLIDATED

(Dollars in millions)

	Sempra Energy shareholde equity(1)	rs'	Non- controlling interests(2)	Total equity(1))
Balance at December 31, 2016	\$ 12,951		\$ 2,290	\$15,24	1
Comprehensive income	731		8	739	
Preferred dividends of subsidiary	(1)	_	(1)
Share-based compensation expense	23		_	23	
Common stock dividends declared	(413)	_	(413)
Issuances of common stock	55		_	55	
Repurchases of common stock	(14)	_	(14)
Equity contributed by noncontrolling interest	_		1	1	
Distributions to noncontrolling interests	_		(26)	(26)
Balance at June 30, 2017	\$ 13,332		\$ 2,273	\$15,60	5
Balance at December 31, 2015	\$ 11,809		\$ 770	\$12,57	9
Cumulative-effect adjustment from change in accounting principle	107		_	107	
Comprehensive income	324		22	346	
Preferred dividends of subsidiary	(1)	_	(1)
Share-based compensation expense	24		_	24	
Common stock dividends declared	(377)	_	(377)
Issuances of common stock	56		_	56	
Repurchases of common stock	(54)	_	(54)
Equity contributed by noncontrolling interest	_		1	1	
Distributions to noncontrolling interests	_		(11)	(11)
Balance at June 30, 2016	\$ 11,888		\$ 782	\$12,67	0
(1) Amounts for the six menths anded June 20, 2016 reflect the adention of	ASII 2016-	na	ac of Januar	1 2016	20 1

⁽¹⁾ Amounts for the six months ended June 30, 2016 reflect the adoption of ASU 2016-09 as of January 1, 2016, as we discuss in Note 2.

(2) Noncontrolling interests include the preferred stock of SoCalGas and other noncontrolling interests as listed in the table below under "Other Noncontrolling Interests."

SHAREHOLDER'S EQUITY AND NONCONTROLLING INTEREST – SDG&E (Dollars in millions)

	SDG&E shareholder's equity(1)	Non- controlling interest	Total equity(1)
Balance at December 31, 2016	\$ 5,641	\$ 37	\$5,678
Comprehensive income	304	10	314
Common stock dividends declared	(175)	_	(175)
Equity contributed by noncontrolling interest	_	1	1
Distributions to noncontrolling interest	_	(14)	(14)
Balance at June 30, 2017	\$ 5,770	\$ 34	\$5,804
Balance at December 31, 2015	\$ 5,223	\$ 53	\$5,276
Cumulative-effect adjustment from change in accounting principle	23	_	23
Comprehensive income (loss)	236	(13)	223
Common stock dividends declared	(175)	_	(175)
Distributions to noncontrolling interest	_	(3)	(3)
Balance at June 30, 2016	\$ 5,307	\$ 37	\$5,344
(4) 4			4 0040

⁽¹⁾ Amounts for the six months ended June 30, 2016 reflect the adoption of ASU 2016-09 as of January 1, 2016, as we discuss in Note 2.

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SHAREHOLDERS' EQUITY - SOCALGAS

(Dollars in millions)

	Total equity(1)
Balance at December 31, 2016	\$3,510
Comprehensive income	263
Preferred stock dividends declared	(1)
Balance at June 30, 2017	\$3,772
Balance at December 31, 2015	\$3,149
Cumulative-effect adjustment from change in accounting principle	15
Comprehensive income	199
Preferred stock dividends declared	(1)
Balance at June 30, 2016	\$3,362

⁽¹⁾ Amounts for the six months ended June 30, 2016 reflect the adoption of ASU 2016-09 as of January 1, 2016, as we discuss in Note 2.

Ownership interests that are held by owners other than Sempra Energy and SDG&E in subsidiaries or entities consolidated by them are accounted for and reported as noncontrolling interests. As a result, noncontrolling interests are reported as a separate component of equity on the Condensed Consolidated Balance Sheets. Earnings or losses attributable to noncontrolling interests are separately identified on the Condensed Consolidated Statements of Operations, and comprehensive income or loss attributable to noncontrolling interests is separately identified on the Condensed Consolidated Statements of Comprehensive Income (Loss).

Preferred Stock

The preferred stock at SoCalGas is presented at Sempra Energy as a noncontrolling interest. Sempra Energy records charges against income related to noncontrolling interests for preferred stock dividends declared by SoCalGas. We provide additional information regarding preferred stock in Note 11 of the Notes to Consolidated Financial Statements in the Annual Report.

Other Noncontrolling Interests

At June 30, 2017 and December 31, 2016, we reported the following noncontrolling ownership interests held by others (not including preferred shareholders) recorded in Other Noncontrolling Interests in Total Equity on Sempra Energy's Condensed Consolidated Balance Sheets:

OTHER NONCONTROLLING INTERESTS

(Dollars in millions)

	Percent own noncontrolling June 30,	nership held by ng interests December 31,	noncoi	held by atrolling interests 0, December 31,
	2017	2016	2017	2016
SDG&E:				
Otay Mesa VIE	100	%100	%\$34	\$ 37
Sempra South American Utilities:				
Chilquinta Energía subsidiaries(1)	22.9 – 43.4	23.1 – 43.4	22	22
Luz del Sur	16.4	16.4	184	173
Tecsur S.A.	9.8	9.8	3	4
Sempra Mexico:				
IEnova	33.6	33.6	1,514	1,524
Sempra Renewables:				
Tax equity arrangement – wind(2)	NA	NA	91	92
Tax equity arrangement – solar(2)	NA	NA	363	376
Sempra LNG & Midstream:				
Bay Gas	9.1	9.1	28	27
Liberty Gas Storage, LLC	23.3	23.3	13	14
Southern Gas Transmission Company	49.0	49.0	1	1

Total Sempra Energy

\$2,253 \$ 2,270

- (1) Chilquinta Energía has four subsidiaries with noncontrolling interests held by others. Percentage range reflects the highest and lowest ownership percentages among these subsidiaries.

 (2) Net income or loss attributable to the noncontrolling interests is computed using the HLBV method and is not based on ownership percentages, as we discuss in Note 1 of the Notes to Consolidated Financial Statements in the Annual Report.

TRANSACTIONS WITH AFFILIATES

Amounts due from and to unconsolidated affiliates at Sempra Energy Consolidated, SDG&E and SoCalGas are as follows:

AMOUNTS DUE FROM (TO) UNCONSOLIDATED AFFILIATES

(Dollars in millions)

	June 30, 2017	December 3 ⁻²	1,
Sempra Energy Consolidated:			
Total due from various unconsolidated affiliates – current	\$ 26	\$ 26	
Sempra South American Utilities(1):			
Eletrans – 4% Note(2)	\$ 90	\$ 96	
Other related party receivables	1	1	
Sempra Mexico(1):			
IMG - Note due March 15, 2022(3)	177	_	
Affiliate of joint venture with Ductos y Energéticos del Norte – Notes due November 14, 2018(4)	92	90	
Energía Sierra Juárez – Note(5)	13	14	
Total due from unconsolidated affiliates – noncurrent	\$ 373	\$ 201	
Total due to various unconsolidated affiliates – current SDG&E:	\$ (11)	\$ (11)	1
Sempra Energy(6)	\$ —	\$ 3	
SoCalGas	1	_	
Various affiliates	1	1	
Total due from various unconsolidated affiliates – current	\$2	\$ 4	
Sempra Energy	\$(18)	\$ —	
SoCalGas	_	(8))
Various affiliates	(8)	(7))
Total due to various unconsolidated affiliates – current	\$ (26)	\$ (15)	1
Income taxes due from Sempra Energy(7) SoCalGas:	\$ 132	\$ 159	
Sempra Energy(8)	\$ 55	\$ —	
SDG&E	_	8	
Various affiliates	1	_	
Total due from unconsolidated affiliates – current	\$ 56	\$ 8	
Sempra Energy	\$ —	\$ (28)	,
SDG&E	(1)	_ ′	
Total due to unconsolidated affiliates – current	,	\$ (28)	1
Income taxes due from Sempra Energy(7)	\$6	\$ 5	

⁽¹⁾ Amounts include principal balances plus accumulated interest outstanding.

(4)

⁽²⁾ U.S. dollar-denominated loan, at a fixed interest rate with no stated maturity date, to provide project financing for the construction of transmission lines at Eletrans, which includes, collectively, joint ventures of Chilquinta Energía.

Mexican peso-denominated revolving line of credit for up to \$9.0 billion Mexican pesos or approximately \$500 million U.S. dollar-equivalent, at a

⁽³⁾ variable interest rate based on the 91-day Interbank Equilibrium Interest Rate plus 220 basis points (9.60 percent at June 30, 2017), to finance construction of the natural gas marine pipeline.

Four U.S. dollar-denominated loans, at variable interest rates based on the 30-day LIBOR plus 450 basis points (5.72 percent at June 30, 2017), to finance the Los Ramones Norte pipeline.

- (5) U.S. dollar-denominated loan, at a variable interest rate based on the 30-day LIBOR plus 637.5 basis points (7.60 percent at June 30, 2017) with no stated maturity date, to finance the first phase of the Energía Sierra Juárez wind project, which is a joint venture of IEnova.
- (6) At December 31, 2016, net receivable included outstanding advances to Sempra Energy of \$31 million at an interest rate of 0.68 percent.
- (7) SDG&E and SoCalGas are included in the consolidated income tax return of Sempra Energy and are allocated income tax expense from Sempra Energy in an amount equal to that which would result from each company having always filed a separate return.
- (8) At June 30, 2017, net receivable included outstanding advances to Sempra Energy of \$84 million at an interest rate of 1.23 percent.

Revenues and cost of sales from unconsolidated affiliates are as follows:

REVENUES AND COST OF SALES FROM UNCONSOLIDATED AFFILIATES

(Dollars in millions)

Three Six months ended ended June 30, June 30, 2017 2016 2017 2016

Revenues:

 Sempra Energy Consolidated \$8
 \$5
 \$15
 \$10

 SDG&E
 2
 —
 4
 3

 SoCalGas
 17
 18
 35
 35

Cost of Sales:

Sempra Energy Consolidated \$14 \$20 \$28 \$50 SDG&E 19 16 39 30

Guarantees

Sempra Energy has provided guarantees to certain of its solar and wind farm joint ventures, entered into guarantees related to the financing of the Cameron LNG JV project and has provided guarantees to IMG, as we discuss in Note 4 above and in Note 4 of the Notes to Consolidated Financial Statements in the Annual Report.

OTHER INCOME, NET

Other Income, Net on the Condensed Consolidated Statements of Operations consists of the following: **OTHER INCOME, NET**

(Dollars in millions)

	Three months ended June 30,		Six mor ended 3	
	2017	2016	2017	2016
Sempra Energy Consolidated:				
Allowance for equity funds used during construction	\$40	\$30	\$112	\$57
Investment gains(1)	14	10	30	20
Gains (losses) on interest rate and foreign exchange instruments, net	31	(15)	94	(12)
Foreign currency transaction gains (losses)	7	(5)	17	(7)
Electrical infrastructure relocation income(2)	_	2	_	3
Regulatory interest, net(3)	_	1	2	3
Sundry, net	(1)	_	5	8
Total	\$91	\$23	\$260	\$72
SDG&E:				
Allowance for equity funds used during construction	\$16	\$13	\$31	\$24
Regulatory interest, net(3)	_	1	2	3
Sundry, net	(1)	(1)	_	_
Total	\$15	\$13	\$33	\$27
SoCalGas:				
Allowance for equity funds used during construction	\$11	\$10	\$22	\$20
Sundry, net	(2)	(4)	(2)	(4)
Total	\$9	\$6	\$20	\$16

Represents investment gains on dedicated assets in support of our executive retirement and deferred compensation plans. These amounts are (1) partially offset by corresponding changes in compensation expense related to the plans, recorded in Operation and Maintenance on the Condensed Consolidated Statements of Operations.

- (2) Income at Luz del Sur associated with the relocation of electrical infrastructure. (3) Interest on regulatory balancing accounts.

INCOME TAXES INCOME TAX EXPENSE AND EFFECTIVE INCOME TAX RATES

(Dollars in millions)

SoCalGas

(2011410 111 1111110110)							
	tax	meEffective income enstax rate		Income tax (benefit) expense	incor	Effective income tax rate	
	Three	mont	hs er	nded June 30,			
	2017			2016			
Sempra Energy Consolidated	\$167	40	%	\$(106)	95	%	
SDG&E	54	26		48	36		
SoCalGas	19	24		(29)	100		
	Six months ended June 30,						
	2017			2016(1)			
Sempra Energy Consolidated	\$462	39	%	\$2	1	%	
SDG&E	144	32		113	34		

(1) Reflects the adoption of ASU 2016-09 as of January 1, 2016, as we discuss in Note 2.

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Sempra Energy, SDG&E and SoCalGas record income taxes for interim periods utilizing a forecasted effective tax rate anticipated for the full year, as required by U.S. GAAP. The income tax effect of items that can be reliably forecasted is factored into the forecasted effective tax rate, and the impact is recognized proportionately over the year. Items that cannot be reliably forecasted (e.g., foreign currency translation and inflation adjustments, remeasurement of deferred tax asset valuation allowances, income tax expense or benefit associated with the gain or loss on sale or impairment of a book investment, resolution of prior years' income tax items, and certain impacts of regulatory matters) are recorded in the interim period in which they actually occur, which can result in variability in the effective income tax rate.

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For SDG&E and SoCalGas, the CPUC requires flow-through rate-making treatment for the current income tax benefit or expense arising from certain property-related and other temporary differences between the treatment for financial reporting and income tax, which will reverse over time. Under the regulatory accounting treatment required for these flow-through temporary differences, deferred income tax assets and liabilities are not recorded to deferred income tax expense, but rather to a regulatory asset or liability, which impacts the current effective income tax rate. As a result, changes in the relative size of these items compared to pretax income, from period to period, can cause variations in the effective income tax rate. The following items are subject to flow-through treatment:

repairs expenditures related to a certain portion of utility plant assets

the equity portion of AFUDC

a portion of the cost of removal of utility plant assets

utility self-developed software expenditures

depreciation on a certain portion of utility plant assets

state income taxes

The AFUDC related to equity recorded for regulated construction projects at Sempra Mexico has similar flow-through treatment.

As we discuss in Note 10 below and in Notes 6 and 14 of the Notes to Consolidated Financial Statements in the Annual Report, the 2016 GRC FD issued by the CPUC in June 2016 required SDG&E and SoCalGas to each establish a two-way income tax expense memorandum account to track certain revenue variances resulting from certain differences between the income tax expense forecasted in the GRC and the income tax expense incurred from 2016 through 2018. The tracking accounts will remain open, and the balance in the accounts will be reviewed in subsequent GRC proceedings, until the CPUC decides to close them. We expect that certain amounts recorded in the tracking

accounts may give rise to regulatory assets or liabilities.

In the three months and six months ended June 30, 2017, we recorded \$52 million (\$34 million after noncontrolling interests) and \$149 million (\$99 million after noncontrolling interests), respectively, of income tax expense from the transactional effects of foreign currency and inflation as a result of significant appreciation of the Mexican peso. Such effects were partially mitigated by net gains of \$32 million (\$19 million after-tax) and \$97 million (\$58 million after-tax), respectively, recorded in Other Income, Net, on the Condensed Consolidated Statements of Operations, from foreign currency derivatives that are hedging Sempra Mexico parent's exposure to movements in the Mexican peso from its controlling interest in IEnova.

We provide additional information about our accounting for income taxes in Notes 1 and 6 of the Notes to Consolidated Financial Statements in the Annual Report.

NOTE 6. DEBT AND CREDIT FACILITIES

LINES OF CREDIT

At June 30, 2017, Sempra Energy Consolidated had an aggregate of \$4.3 billion in three primary committed lines of credit for Sempra Energy, Sempra Global and the California Utilities to provide liquidity and to support commercial paper. The principal terms of these committed lines of credit, which expire in October 2020, are described below and in Note 5 of the Notes to Consolidated Financial Statements in the Annual Report. Available unused credit on these lines at June 30, 2017 was approximately \$3.1 billion. Our foreign operations have additional general purpose credit facilities aggregating \$1.7 billion at June 30, 2017. Available unused credit on these lines totaled \$1 billion at June 30, 2017.

PRIMARY U.S. COMMITTED LINES OF CREDIT

(Dollars in millions)

	At June 30, 2017				
	Total facility	Commercial paper outstanding(4)	Available unused credit		
Sempra Energy(1)	\$1,000	\$ —	\$1,000		
Sempra Global(2)	2,335	(1,236)	1,099		
California Utilities(3):					
SDG&E	750	(5)	745		
SoCalGas	750	_	750		
Less: combined limit of \$1 billion for both utilities	(500)	_	(500)		
	1,000	(5)	995		
Total	\$4,335	\$ (1,241)	\$3,094		

- (1) The facility also provides for issuance of up to \$400 million of letters of credit on behalf of Sempra Energy with the amount of borrowings otherwise available under the facility reduced by the amount of outstanding letters of credit. No letters of credit were outstanding at June 30, 2017. (2) Sempra Energy guarantees Sempra Global's obligations under the credit facility.
- (3) The facility also provides for the issuance of letters of credit on behalf of each utility subject to a combined letter of credit commitment of \$250 million for both utilities. The amount of borrowings otherwise available under the facility is reduced by the amount of outstanding letters of credit. No letters of credit were outstanding at June 30, 2017.
- (4) Because the commercial paper programs are supported by these lines, we reflect the amount of commercial paper outstanding as a reduction to the available unused credit.

Sempra Energy, SDG&E and SoCalGas must maintain a ratio of indebtedness to total capitalization (as defined in each agreement) of no more than 65 percent at the end of each quarter. Each entity is in compliance with this and all other financial covenants under its respective credit facility at June 30, 2017.

CREDIT FACILITIES IN SOUTH AMERICA AND MEXICO

(U.S. dollar-equivalent in millions)

(e.e. denar equivalent in minione)							
		At June					
	Denominated in	Total facility	Amount outstanding		Available unused credit		
Sempra South							
American							
Utilities(1):							
Peru(2)	Peruvian sol	\$379	\$ (147) (3)	\$232		
Chile	Chilean peso	115	_		115		
Sempra							
Mexico:							
IEnova(4)	U.S. dollar	1,170	(516)	654		

Total \$1,664 \$ (663) \$1,001

- (1) The credit facilities were entered into to finance working capital and for general corporate purposes and expire between 2017 and 2020.
- (2) The Peruvian facilities require a debt to equity ratio of no more than 170 percent, with which we were in compliance at June 30, 2017.
- (3) Includes bank guarantees of \$4 million.
- (4) Five-year revolver expiring in August 2020 with a syndicate of eight lenders.

WEIGHTED AVERAGE INTEREST RATES

The weighted average interest rates on total short-term debt at Sempra Energy Consolidated were 1.81 percent and 1.51 percent at June 30, 2017 and December 31, 2016, respectively. The weighted average interest rate on total short-term debt at SDG&E was 1.15 percent at June 30, 2017. At December 31, 2016, the weighted average interest rate on total short-term debt at SoCalGas was 0.75 percent.

LONG-TERM DEBT

Sempra Energy

In June 2017, Sempra Energy publicly offered and sold \$750 million of 3.25-percent, fixed rate notes maturing in 2027. Sempra Energy used the proceeds from the offering to repay outstanding commercial paper.

SDG&E

In June 2017, SDG&E publicly offered and sold \$400 million of 3.75-percent, first mortgage bonds maturing in 2047. SDG&E used the proceeds from the offering to repay outstanding commercial paper.

In 2015, SDG&E entered into a CPUC-approved 25-year PPA with a peaker plant facility. Construction of the peaker plant facility was completed and delivery of contracted power commenced in June 2017, at which time we recorded a \$500 million capital lease obligation on SDG&E's and Sempra Energy's Condensed Consolidated Balance Sheets. We discuss commitments related to this capital lease obligation in Note 15 of the Notes to Consolidated Financial Statements in the Annual Report.

Sempra South American Utilities

In February 2017, Luz del Sur publicly offered and sold \$50 million of corporate bonds at 6.38 percent, maturing in 2023.

INTEREST RATE SWAPS

We discuss our fair value interest rate swaps and interest rate swaps to hedge cash flows in Note 7.

NOTE 7. DERIVATIVE FINANCIAL INSTRUMENTS

We use derivative instruments primarily to manage exposures arising in the normal course of business. Our principal exposures are commodity market risk, benchmark interest rate risk and foreign exchange rate exposures. Our use of derivatives for these risks is integrated into the economic management of our anticipated revenues, anticipated expenses, assets and liabilities. Derivatives may be effective in mitigating these risks (1) that could lead to declines in anticipated revenues or increases in anticipated expenses, or (2) that our asset values may fall or our liabilities increase. Accordingly, our derivative activity summarized below generally represents an impact that is intended to offset associated revenues, expenses, assets or liabilities that are not included in the tables below.

In certain cases, we apply the normal purchase or sale exception to derivative instruments and have other commodity contracts that are not derivatives. These contracts are not recorded at fair value and are therefore excluded from the disclosures below.

In all other cases, we record derivatives at fair value on the Condensed Consolidated Balance Sheets. We designate each derivative as (1) a cash flow hedge, (2) a fair value hedge, or (3) undesignated. Depending on the applicability of hedge accounting and, for the California Utilities and other operations subject to regulatory accounting, the requirement to pass impacts through to customers, the impact of derivative instruments may be offset in other comprehensive income (loss) (cash flow hedge), on the balance sheet (fair value hedges and regulatory offsets), or recognized in earnings. We classify cash flows from the settlements of derivative instruments as operating activities on the Condensed Consolidated Statements of Cash Flows.

HEDGE ACCOUNTING

We may designate a derivative as a cash flow hedging instrument if it effectively converts anticipated cash flows associated with revenues or expenses to a fixed dollar amount. We may utilize cash flow hedge accounting for derivative commodity instruments, foreign currency instruments and interest rate instruments. Designating cash flow hedges is dependent on the business context in which the instrument is being used, the effectiveness of the instrument in offsetting the risk that the future cash flows of a given revenue or expense item may vary, and other criteria. We may designate an interest rate derivative as a fair value hedging instrument if it effectively converts our own debt from a fixed interest rate to a variable rate. The combination of the derivative and debt instrument results in fixing that portion of the fair value of the debt that is related to benchmark interest rates. Designating fair value hedges is dependent on the instrument being used, the effectiveness of the instrument in offsetting changes in the fair value of our debt instruments, and other criteria.

ENERGY DERIVATIVES

Our market risk is primarily related to natural gas and electricity price volatility and the specific physical locations where we transact. We use energy derivatives to manage these risks. The use of energy derivatives in our various businesses depends on the particular energy market, and the operating and regulatory environments applicable to the business, as follows:

The California Utilities use natural gas and electricity derivatives, for the benefit of customers, with the objective of managing price risk and basis risks, and stabilizing and lowering natural gas and electricity costs. These derivatives include fixed price natural gas and electricity positions, options, and basis risk instruments, which are either exchange-traded or over-the-counter financial instruments, or bilateral physical transactions. This activity is governed by risk management and transacting activity plans that have been filed with and approved by the CPUC. Natural gas and electricity derivative activities are recorded as commodity costs that are offset by regulatory account balances and are recovered in rates. Net commodity cost impacts on the Condensed Consolidated Statements of Operations are reflected in Cost of Electric Fuel and Purchased Power or in Cost of Natural Gas.

SDG&E is allocated and may purchase CRRs, which serve to reduce the regional electricity price volatility risk that may result from local transmission capacity constraints. Unrealized gains and losses do not impact earnings, as they are offset by regulatory account balances. Realized gains and losses associated with CRRs, which are recoverable in rates, are recorded in Cost of Electric Fuel and Purchased Power on the Condensed Consolidated Statements of Operations.

Sempra Mexico, Sempra LNG & Midstream, and Sempra Renewables may use natural gas and electricity derivatives, as appropriate, to optimize the earnings of their assets which support the following businesses: LNG, natural gas transportation and storage, and power generation. Gains and losses associated with undesignated derivatives are recognized in Energy-Related Businesses Revenues or in Cost of Natural Gas, Electric Fuel and Purchased Power on the Condensed Consolidated Statements of Operations. Certain of these derivatives may also be designated as cash flow hedges. Sempra Mexico may also use natural gas energy derivatives with the objective of managing price risk and lowering natural gas prices at its Mexican distribution

operations. These derivatives, which are recorded as commodity costs that are offset by regulatory account balances and recovered in rates, are recognized in Cost of Natural Gas on the Condensed Consolidated Statements of Operations.

From time to time, our various businesses, including the California Utilities, may use other energy derivatives to hedge exposures such as the price of vehicle fuel.

We summarize net energy derivative volumes at June 30, 2017 and December 31, 2016 as follows:

NET ENERGY DERIVATIVE VOLUMES

(Quantities	ın	millions)	

Unit of measure	June 30, 2017	December 31, 2016
MMBtu	44	48
MWh	4	4
MWh	42	48
MMBtu	_	1
MADI		0.4
MMBtu	14	31
MMBtu	3	_
	MMBtu MWh MWh MMBtu	MMBtu 44 MWh 4 MWh 42 MMBtu —

In addition to the amounts noted above, we frequently use commodity derivatives to manage risks associated with the physical locations of contractual obligations and assets, such as natural gas purchases and sales.

INTEREST RATE DERIVATIVES

We are exposed to interest rates primarily as a result of our current and expected use of financing. The California Utilities, as well as other Sempra Energy subsidiaries and joint ventures, periodically enter into interest rate derivative agreements intended to moderate our exposure to interest rates and to lower our overall costs of borrowing. We may utilize interest rate swaps typically designated as fair value hedges, as a means to achieve our targeted level of variable rate debt as a percent of total debt. In addition, we may utilize interest rate swaps, typically designated as cash flow hedges, to lock in interest rates on outstanding debt or in anticipation of future financings. Separately, Otay Mesa VIE has entered into interest rate swap agreements, designated as cash flow hedges, to moderate its exposure to interest rate changes.

At June 30, 2017 and December 31, 2016, the net notional amounts of our interest rate derivatives, excluding joint ventures, were:

INTEREST RATE DERIVATIVES

(Dollars in millions)

June 30, 2017 December 31, 2016
Notional Maturities December 31, 2016
Notional Maturities

Sempra Energy Consolidated:

Cash flow hedges(1) \$897 2017-2032 \$924 2017-2032

SDG&E:

Cash flow hedges(1) 300 2017-2019 305 2017-2019

(1) Includes Otay Mesa VIE. All of SDG&E's interest rate derivatives relate to Otay Mesa VIE.

FOREIGN CURRENCY DERIVATIVES

We utilize cross-currency swaps to hedge exposure related to Mexican peso-denominated debt at our Mexican subsidiaries and joint ventures. These cash flow hedges exchange our Mexican peso-denominated principal and interest payments into the U.S. dollar and swap Mexican variable interest rates for U.S. fixed interest rates. From time to time, Sempra Mexico and its joint ventures may use other foreign currency derivatives to hedge exposures related to cash flows associated with revenues from contracts denominated in Mexican pesos that are indexed to the U.S.

dollar.

We are also exposed to exchange rate movements at our Mexican subsidiaries and joint ventures, which have U.S. dollar-denominated cash balances, receivables, payables and debt (monetary assets and liabilities) that give rise to Mexican currency

exchange rate movements for Mexican income tax purposes. They also have deferred income tax assets and liabilities denominated in the Mexican peso, which must be translated to U.S. dollars for financial reporting purposes. In addition, monetary assets and liabilities and certain nonmonetary assets and liabilities are adjusted for Mexican inflation for Mexican income tax purposes. We utilize foreign currency derivatives as a means to manage the risk of exposure to significant fluctuations in our income tax expense and equity earnings from these impacts, however we generally do not hedge our deferred income tax assets and liabilities or inflation.

In addition, Sempra South American Utilities and its joint ventures use foreign currency derivatives to manage foreign currency rate risk. We discuss these derivatives at Chilquinta Energía's Eletrans joint venture investment in Note 4 of the Notes to Consolidated Financial Statements in the Annual Report.

At June 30, 2017 and December 31, 2016, the net notional amounts of our foreign currency derivatives, excluding joint ventures, were:

FOREIGN CURRENCY DERIVATIVES

(Dollars in millions)

June 30, 2017 December 31, 2016
Notional Maturities amount Maturities amount December 31, 2016

Sempra Energy Consolidated:

Cross-currency swaps \$408 2017-2023 \$408 2017-2023 Other foreign currency derivatives(1) 903 2017-2018 86 2017-2018

(1) In the first quarter of 2017, we entered into foreign currency derivatives with notional amounts totaling \$850 million that expire in December 2017.

FINANCIAL STATEMENT PRESENTATION

The Condensed Consolidated Balance Sheets reflect the offsetting of net derivative positions and cash collateral with the same counterparty when a legal right of offset exists. The following tables provide the fair values of derivative instruments on the Condensed Consolidated Balance Sheets at June 30, 2017 and December 31, 2016, including the amount of cash collateral receivables that were not offset, as the cash collateral is in excess of liability positions.

DERIVATIVE INSTRUMENTS ON THE CONDENSED CONSOLIDATED BALANCE **SHEETS**

(Dollars in millions)

(Dollars in millions)	luno i	20	2017				
	June 30, 2017 Current assets: Fixed-priother contractsassets: and Sundry other derivatives(1)			Current liabilities: Fixed-price contracts and other derivatives(2)		Deferred credits and other liabilities: Fixed-price contracts and other derivatives	
Sempra Energy Consolidated:							
Derivatives designated as hedging instruments:							
Interest rate and foreign exchange instruments(3)	\$1		\$ <i>—</i>	\$ (56)	\$ (153)
Derivatives not designated as hedging instruments:							
Foreign exchange instruments	130		_	_		_	
Commodity contracts not subject to rate recovery	43		8	(33)	(5)
Associated offsetting commodity contracts	(29)	(3)	29		3	
Commodity contracts subject to rate recovery	15		71	(59)	(147)
Associated offsetting commodity contracts	(1)		1		_	
Associated offsetting cash collateral	_			15		10	
Net amounts presented on the balance sheet	159		76	(103)	(292)
Additional cash collateral for commodity contracts	10			•	•		
not subject to rate recovery	10		_	_		_	
Additional cash collateral for commodity contracts	17		_	_		_	
subject to rate recovery Total(4)	\$186		\$ 76	\$ (103)	\$ (292	١
SDG&E:	ψ100	,	Ψ / Ο	ψ (105	,	ψ (232)
Derivatives designated as hedging instruments:							
Interest rate instruments(3)	\$—		\$ —	\$ (13	١	\$ (7	١
* *	φ—		φ—	φ (13)	Φ (1)
Derivatives not designated as hedging instruments:	1.1		71	/E0	`	(1.47	`
Commodity contracts subject to rate recovery	14	`	71	(58)	(147)
Associated offsetting commodity contracts	(1)	_	1		_	
Associated offsetting cash collateral	_			15	,	10	,
Net amounts presented on the balance sheet	13		71	(55)	(144)
Additional cash collateral for commodity contracts subject to rate recovery	16		_	_		_	
Total(4)	\$29		\$ 71	\$ (55	١	\$ (144	١
SoCalGas:	Ψ=0		Ψ,,	Ψ (00	,	Ψ (,
Derivatives not designated as hedging instruments:							
Commodity contracts subject to rate recovery	\$1		\$ —	\$ (1	١	\$ —	
Net amounts presented on the balance sheet	1		_	(1)	_	
Additional cash collateral for commodity contracts				('	,		
not subject to rate recovery	1			_		_	
Additional cash collateral for commodity contracts	1		_	_		_	
subject to rate recovery			_	.			
Total	\$3		\$ <i>—</i>	\$ (1)	\$ <i>—</i>	

⁽¹⁾ Included in Current Assets: Other for SoCalGas.

⁽²⁾ Included in Current Liabilities: Other for SoCalGas.
(3) Includes Otay Mesa VIE. All of SDG&E's amounts relate to Otay Mesa VIE.

⁽⁴⁾ Normal purchase contracts previously measured at fair value are excluded.

DERIVATIVE INSTRUMENTS ON THE CONDENSED CONSOLIDATED BALANCE SHEETS (Dollars in millions)

(Dollars in millions)				
	December 31			
	Current assets: Fixed Optimer contractsets: and Sundry other derivatives (1)	Current liabilities: Fixed-price contracts and other derivatives(2)	Deferred credits and other liabilities: Fixed-price contracts and other derivatives	
Sempra Energy Consolidated:				
Derivatives designated as hedging instruments:				
Interest rate and foreign exchange instruments(3)	\$7 \$ 2	\$ (24)	\$ (228)	
Commodity contracts not subject to rate recovery		(14)	_	
Derivatives not designated as hedging instruments:				
Commodity contracts not subject to rate recovery	248 36	(254)	(28)	
Associated offsetting commodity contracts	(24)2 (27)	242	27	
Associated offsetting cash collateral	— (1)	16	1	
Commodity contracts subject to rate recovery	37 73	(57)	(150)	
Associated offsetting commodity contracts	(9)(1)	9		