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PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



February 18, 2016

**Advice Letter: 1001-G**

Southwest Gas Corporation  
Attention: Justin Lee Brown  
P.O. Box 98510  
Las Vegas, NV 89193-8510

**SUBJECT: Revision of the ITCCA for Construction**

Dear Mr. Brown:

Advice Letter 1001-G is effective as of January 20, 2016, with associated tariff sheets retroactively effective January 1, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph  
Director, Energy Division



## SOUTHWEST GAS CORPORATION

Justin Lee Brown, Vice President/Regulation and Public Affairs

January 20, 2016

ATTN: Tariff Unit, Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue, Room 4005  
San Francisco, CA 94102

Subject: Southwest Gas Corporation (U 905 G)  
Advice Letter No. 1001

Enclosed herewith is one (1) copy of Southwest Gas Corporation's Advice Letter No. 1001, together with California Gas Tariff Sheet No. 22.

Sincerely,

Justin Lee Brown  
Vice President/Regulation & Public Affairs

JLB:jjp  
Enclosures



# SOUTHWEST GAS CORPORATION

Advice Letter No. 1001

January 20, 2016

## PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Southwest Gas Corporation (Southwest Gas) (U 905 G) tenders herewith for filing the following tariff sheet:

Cal. P.U.C. Sheet No.	California Gas Tariff Title of Sheet	Canceling Cal. P.U.C. Sheet No.
6th Revised Sheet No. 22	Preliminary Statement ( <i>Continued</i> )	5th Revised Sheet No. 22

### Purpose

The purpose of this filing is to revise Preliminary Statement 13 of Southwest Gas' California Gas Tariff (Tariff) to reflect a change to the tax factor used to calculate the Income Tax Component of Contributions and Advances (ITCCA).

### Background

Pursuant to Preliminary Statement 13, Section D. in Southwest Gas' Tariff, the Company must submit to the California Public Utilities Commission (Commission) an advice letter filing to reflect any changes to the tax factor which would cause an increase or decrease of 5 percentage points or more. The tax factor is established utilizing Method 5 as set forth in Decision Nos, 87-09-026 and 87-12-028.

Since February 2008, the Federal Government has enacted, on a temporary basis, a series of income tax revisions intended to stimulate investment in capital projects. The previous income tax revisions were on December 19, 2014 when President Obama signed into law the Tax Increase Prevention Act of 2014 (TIPA), which extended through 2014 a number of temporary tax incentives that lapsed on December 31, 2013. TIPA retroactively extended the Federal Depreciation Provisions of the Internal Revenue Code, resulting in a revision to the ITCCA tax factor to 22 percent through December 31, 2014. The ITCCA tax factor reverted to 35 percent for contributions received on January 1, 2015 and thereafter.



**Background** *(continued)*

On December 18, 2015, President Obama signed into law the Protecting Americans from Tax Hikes Act of 2015 (PATH), which retroactively extended the Federal Depreciation Provisions of the Internal Revenue Code, beginning January 1, 2015 through December 31, 2017 (50 percent bonus depreciation). In addition, bonus depreciation will decrease to 40 percent in 2018, 30 percent in 2019, and sunset on December 31, 2019. The extension of the Federal Depreciation Provisions of the Internal Revenue Code results in the following respective tax factors:

<b>Time Period</b>	<b>Applicable Tax Factor</b>
January 1, 2015 through December 31, 2017	22%
January 1, 2018 through December 31, 2018	24%
January 1, 2019 through December 31, 2019	27%

Beginning January 1, 2020, the Tax Factor shall revert to 35%.

Southwest Gas will issue refunds to customers for the difference in the ITCCA tax factor that have paid the 35% tax factor from January 1, 2015 to present. Southwest Gas hereby revises Preliminary Statement 13, Sheet No. 22, to incorporate revisions to its tax factors and the applicable time period for which they apply. Attachment 1 illustrates the calculation of the tax factors utilizing Method 5 as noted herein.

**Effective Date**

Southwest Gas believes this Advice Letter is subject to Energy Division disposition and should be classified as a Tier 1 filing (effective pending disposition) pursuant to GO 96-B. Southwest Gas respectfully requests this Advice Letter be approved on January 20, 2016, which is the date filed, and the associated tariff revisions be made retroactively effective January 1, 2015, in accordance with the extension of the Federal Depreciation Reserves enacted in PATH.



### **Protest**

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based with specificity. The protest must be sent no later than 20 days after the date of this Advice Letter filing and shall be sent by letter via U.S. Mail, facsimile, or electronically mailed. The address for mailing or delivering a protest to the Commission is:

Energy Division  
California Public Utilities Commission  
Attention: Investigation, Monitoring & Compliance Program Manager  
505 Van Ness Avenue, Room 4002  
San Francisco, CA 94102  
E-mail: [edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)  
Facsimile: 415-703-2200

Copies should also be mailed to the attention of the Director, Energy Division, Room 4004, at the same address as above and mailed or faxed to:

Mr. Justin Lee Brown  
Vice President/Regulation & Public Affairs  
Southwest Gas Corporation  
P.O. Box 98510  
Las Vegas, NV 89193-8510  
Facsimile: 702-364-3452

### **Notice**

Pursuant to Energy Industry Rule 3.1(2), Southwest Gas is exempt from the notice requirements set forth in General Rule 4.2 in GO 96-B since this advice letter is filed in accordance with Federal Depreciation Reserves provisions enacted in PATH.

### **Service**

In accordance with GO 96-B, General Rule 4.3, Southwest Gas is mailing copies of this advice letter and related tariff sheets to the utilities and interested parties shown on the attached list.



Advice Letter No. 1001  
Page 4  
January 20, 2016

**Service** *(continued)*

Communications regarding this filing should be directed to:

Valerie J. Ontiveroz  
Regulatory Manager/California  
Southwest Gas Corporation  
P.O. Box 98510  
Las Vegas, NV 89193-8510  
Telephone: 702-876-7323  
E-mail: [valerie.ontiveroz@swgas.com](mailto:valerie.ontiveroz@swgas.com)

Respectfully submitted,

SOUTHWEST GAS CORPORATION

By:

A handwritten signature in blue ink, appearing to read "Justin Lee Brown", written over a horizontal line.

Justin Lee Brown

Attachments

**Distribution List**

Advice Letter No. 1001

In conformance with GO 96-B, General Rule 4.3

The following individual has been served by regular, first-class mail:

Joe Como, Acting Director  
Office of Ratepayer Advocates  
California Public Utilities Commission  
505 Van Ness Avenue, 4th Floor  
San Francisco, CA 94105

The following individuals or entities have been served by electronic mail:

Pacific Gas & Electric Company  
[PGETariffs@pge.com](mailto:PGETariffs@pge.com)

Southern California Gas Company  
[SNewsom@semprautilities.com](mailto:SNewsom@semprautilities.com)

San Diego Gas & Electric Company  
[SDG&ETariffs@SempraUtilities.com](mailto:SDG&ETariffs@SempraUtilities.com)

Robert M. Pocta  
Office of Ratepayer Advocates  
California Public Utilities Commission  
[rmp@cpuc.ca.gov](mailto:rmp@cpuc.ca.gov)

Nathaniel Skinner  
Office of Ratepayer Advocates  
California Public Utilities Commission  
[nws@cpuc.ca.gov](mailto:nws@cpuc.ca.gov)

Pearlie Sabino  
Office of Ratepayer Advocates  
California Public Utilities Commission  
[pzs@cpuc.ca.gov](mailto:pzs@cpuc.ca.gov)

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **Southwest Gas Corporation (U 905 G)**

Utility type:

ELC       GAS  
 PLC       HEAT     WATER

Contact Person: **Valerie J. Ontiveroz**

Phone #: **(702) 876-7323**

E-mail: **valerie.ontiveroz@swgas.com**

EXPLANATION OF UTILITY TYPE

ELC = Electric      GAS = Gas  
PLC = Pipeline    HEAT = Heat          WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **1001**

Subject of AL: **Revision of the Income Tax Component of Contributions and Advances for Construction (ITCCA)**

Keywords (choose from CPUC listing): **ITCCA**

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:  
**D.87-09-026 and D.87-12-028**

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL **Not applicable**

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: **Not applicable**

Resolution Required?  Yes  No

Requested effective date: **January 20, 2016**

No. of tariff sheets: **1**

Estimated system annual revenue effect (%): **Not applicable**

Estimated system average rate effect (%): **Not applicable**

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: **Preliminary Statement**

Service affected and changes proposed<sup>1</sup>: **Not applicable**

Pending advice letters that revise the same tariff sheets: **Not applicable**

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

**CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Ave.  
San Francisco, CA 94102  
E-mail: [edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)**

**Mr. Justin Lee Brown,  
Vice-President/Regulation & Public Affairs  
Southwest Gas Corporation  
P. O. Box 98510  
Las Vegas, NV 89193-8510  
E-mail: [justin.brown@swgas.com](mailto:justin.brown@swgas.com)  
Facsimile: 702-364-3452**

<sup>1</sup> Discuss in AL if more space is needed.



**PRELIMINARY STATEMENT**  
*(Continued)*

**13. INCOME TAX COMPONENT OF CONTRIBUTIONS AND ADVANCES** *(Continued)*

**13C. APPLICABILITY**

Income tax shall be collected on Contributions and Advances under the Company's California Gas Tariff, including but not limited to Rule Nos. 13, 15 and 16.

A Public Benefit Exemption may apply on a Contribution or Advance made to the Company by a government agency on the basis of either:

1. The Contribution or Advance is made pursuant to actual condemnation or the threat thereof as recognized by Internal Revenue Code Section 1033; or
2. The Contribution or Advance does not reasonably relate to the provision of service, but rather to the benefit of the public at large.

**13D. DETERMINATION**

The ITCC shall be calculated by multiplying the Balance of the Contribution by the applicable Tax Factor as follows:

Effective Date	Applicable Tax Factor
January 1, 2015 through December 31, 2017	22%
January 1, 2018 through December 31, 2018	24%
January 1, 2019 through December 31, 2019	27%
beginning January 1, 2020	35%

The Company will submit to the Commission an advice letter filing to reflect any changes in the tax factor which would cause an increase or decrease of 5 percentage points or more.

The tax factor is established by using Method 5 as set forth in Decision Nos. 87-09-026 and 87-12-028 in Order Instituting Investigation 86-11-019.

The tax factors in Section 13D shall apply to all Contributions and Advances in accordance with Section D.6 of Rule No. 15, Gas Main Extensions, and Section E.4. of Rule No. 16, Gas Service Extensions of this California Gas Tariff.

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**Advice Letter No. 1001**  
**Attachment 1**

Calculation of Tax Factors

**SOUTHWEST GAS CORPORATION**  
 Attachment 1 to Advice Letter No. 1001  
**Retroactively Effective From January 1, 2015 to December 31, 2017**  
**REVISED CALIFORNIA GROSS-UP COMPUTATION INCLUDING CALIFORNIA INCOME TAXES**  
**\*WITH MACRS 50% BONUS DEPRECIATION ON 20 YEAR PROPERTY**  
 CPUC DECISION 87-09-026

Year	Tax Pmt/(Ben) Reflecting CIAC of \$1,000	Tax Basis (c)	California Depreciation Rates (d)	California Rates (e)	State Tax Benefit (f)	MACRS 20-Year Tax 50% Bonus Depr Rate (g)	Federal Tax Rate (h)	Federal Tax Benefit (i)	Remaining CIAC Payable (j)	Unrecovered Tax Payment (k)	Rate of Return (l)	Revenue Requirement on Remaining Investment (m)	Discount Factor 12.00% (n)	Discounted Revenue Requirement on Remaining Investment (o)
1	438.40	1,000	2.857%	8.840%	2,5256	51.875%	35.00%	181,5625	254,3119	346,3560	17.00%	58,8805	0.8929	52,5719
2	(30.94)		5.551%		4,9071	3.610%		11,7510	206,7138	230,5128	17.00%	39,1872	0.7972	31,2398
3			5.234%		4,6269	3.339%		9,9690	192,1179	199,4158	17.00%	33,9007	0.7118	24,1298
4			4.935%		4,3625	3.089%		9,1921	178,5633	185,3406	17.00%	31,5079	0.6355	20,0238
5			4.653%		4,1133	2.857%		8,4726	165,9774	172,2703	17.00%	29,2860	0.5674	16,6176
6			4.387%		3,8781	2.643%		7,8109	154,2884	160,1329	17.00%	27,2226	0.5066	13,7918
7			4.137%		3,6571	2.444%		7,1967	143,4347	148,8615	17.00%	25,3065	0.4523	11,4474
8			3.901%		3,4485	2.261%		6,6335	133,3537	138,3937	17.00%	23,5269	0.4039	9,5021
9			3.678%		3,2514	2.231%		6,015	123,4998	128,4262	17.00%	21,8525	0.3606	7,8730
10			3.468%		3,0657	2.231%		6,6705	113,7635	118,6317	17.00%	20,1674	0.3220	6,4934
11			3.270%		2,8907	2.231%		6,7355	104,1374	108,9505	17.00%	18,5216	0.2875	5,3245
12			3.084%		2,7263	2.231%		6,7968	94,6143	99,3759	17.00%	16,8939	0.2567	4,3362
13			2.908%		2,5707	2.231%		6,8543	85,1894	89,9019	17.00%	15,2833	0.2292	3,5025
14			2.742%		2,4239	2.231%		6,9088	76,8587	80,5230	17.00%	13,6889	0.2046	2,8010
15			2.585%		2,2851	2.231%		6,9601	66,6114	71,2340	17.00%	12,1098	0.1827	2,2124
16			2.438%		2,1552	2.231%		7,0087	57,4475	62,0295	17.00%	10,5450	0.1631	1,7201
17			2.299%		2,0323	2.231%		7,0542	48,3610	52,9043	17.00%	8,9937	0.1456	1,3099
18			2.168%		1,9165	2.231%		7,0972	39,3473	43,8542	17.00%	7,4552	0.1300	0,9695
19			2.040%		1,8034	2.231%		7,1377	30,4062	34,8768	17.00%	5,9291	0.1161	0,6884
20			2.040%		1,8034	2.231%		7,1773	21,4255	25,9159	17.00%	4,4057	0.1037	0,4567
21			2.040%		1,8034	2.231%		3,2538	16,3684	18,8970	17.00%	3,2125	0.0926	0,2973
22			2.040%		1,8034	1.110%		(0,6312)	15,1962	15,7823	17.00%	2,6830	0.0826	0,2217
23			2.040%		1,8034			(0,6312)	14,0240	14,6101	17.00%	2,4837	0.0738	0,1833
24			2.040%		1,8034			(0,6312)	12,8518	13,4379	17.00%	2,2844	0.0659	0,1505
25			2.040%		1,8034			(0,6312)	11,6796	12,2657	17.00%	2,0852	0.0588	0,1227
26			2.040%		1,8034			(0,6312)	10,5074	11,0935	17.00%	1,8859	0.0525	0,0990
27			2.040%		1,8034			(0,6312)	9,3353	9,9214	17.00%	1,6866	0.0469	0,0791
28			2.040%		1,8034			(0,6312)	8,1651	8,7492	17.00%	1,4874	0.0419	0,0623
29			2.040%		1,8034			(0,6312)	6,9909	7,5770	17.00%	1,2881	0.0374	0,0482
30			2.040%		1,8034			(0,6312)	5,8187	6,4048	17.00%	1,0888	0.0334	0,0363
31			2.040%		1,8034			(0,6312)	4,6465	5,2326	17.00%	0,8895	0.0288	0,0265
32			2.040%		1,8034			(0,6312)	3,4743	4,0604	17.00%	0,6903	0.0266	0,0184
33			2.040%		1,8034			(0,6312)	2,3022	2,8882	17.00%	0,4910	0.0238	0,0117
34			2.040%		1,8034			(0,6312)	1,1300	1,7161	17.00%	0,2917	0.0212	0,0062
35			2.040%		1,8034			(0,6312)	(0,0422)	0,5439	17.00%	0,0925	0.0189	0,0018
36			1.025%		0,9061			(0,3171)	(0,1797)	(0,1586)	17.00%	(0,0270)	1.0000	(0,0005)
					88,4000			319,0600	0,0000			447,2274		218,3494
								407,4600				218,3494	/ 1000	21,833%

\*: Temporary federal 50% bonus depreciation expired on 12/31/2014, but was retroactively extended to 12/31/2017 by the Protecting Americans from Tax Hikes (PATH) Act of 2015 that was signed into law on December 18, 2015.

**SOUTHWEST GAS CORPORATION**  
Attachment 1 to Advice Letter No. 1001  
**Effective From January 1, 2018 to December 31, 2018**  
**\*WITH MACRS 40% BONUS DEPRECIATION ON 20 YEAR PROPERTY**  
CPUC DECISION 87-09-026

Year	Tax Pmt/(Ben) Reflecting CIAC of \$1000	California Depreciation Rates	State Tax Benefit	MACRS 20-Year Tax 40% Bonus Depr Rate	Federal Tax Rate	Federal Tax Benefit	Remaining CIAC Payable	Wtd Avg Unrecovered Tax Payment	Rate of Return	Revenue Requirement on Remaining Investment	Discount Factor 12.00%	Discounted Revenue Requirement on Remaining Investment
(a)	(b)	(d)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1	438.40	2.857%	2.5256	42.250%	35.00%	147.8750	287.9994	363.1997	17.00%	61.7440	0.8929	55.1285
2	(30.94)	5.551%	4.9071	4.331%		14.2745	237.8778	262.9386	17.00%	44.6996	0.7972	35.6342
3		5.234%	4.6269	4.006%		12.3035	220.9474	229.4126	17.00%	39.0001	0.7118	27.7595
4		4.935%	4.3625	3.706%		11.3516	205.2333	213.0903	17.00%	36.2254	0.6355	23.0219
5		4.653%	4.1133	3.428%		10.4711	190.6489	197.9411	17.00%	33.6500	0.5674	19.0939
6		4.387%	3.8781	3.171%		9.6589	177.1119	183.8804	17.00%	31.2597	0.5066	15.8371
7		4.137%	3.6571	2.933%		8.9082	164.5467	170.8293	17.00%	29.0410	0.4523	13.1367
8		3.901%	3.4485	2.713%		8.2155	152.8827	158.7147	17.00%	26.9815	0.4039	10.8974
9		3.678%	3.2514	2.677%		8.1625	141.4688	147.1757	17.00%	25.0199	0.3606	9.0224
10		3.468%	3.0657	2.677%		8.2315	130.1715	135.8202	17.00%	23.0894	0.3220	7.4342
11		3.270%	2.8907	2.677%		8.2965	118.9844	124.5780	17.00%	21.1783	0.2875	6.0882
12		3.084%	2.7263	2.677%		8.3578	107.9003	113.4424	17.00%	19.2852	0.2567	4.9500
13		2.908%	2.5707	2.677%		8.4153	96.9144	102.4074	17.00%	17.4093	0.2292	3.9898
14		2.742%	2.4239	2.677%		8.4698	86.0207	91.4675	17.00%	15.5495	0.2046	3.1817
15		2.585%	2.2851	2.677%		8.5211	75.2144	80.6375	17.00%	13.7050	0.1827	2.5038
16		2.438%	2.1552	2.677%		8.5697	64.4895	69.8520	17.00%	11.8748	0.1631	1.9370
17		2.299%	2.0323	2.677%		8.6152	53.8420	59.1658	17.00%	10.0582	0.1456	1.4649
18		2.168%	1.9165	2.677%		8.6582	43.2673	48.5547	17.00%	8.2543	0.1300	1.0734
19		2.040%	1.8034	2.677%		8.6987	32.7652	38.0163	17.00%	6.4628	0.1161	0.7504
20		2.040%	1.8034	2.677%		8.7383	22.2235	27.4944	17.00%	4.6740	0.1037	0.4845
21		2.040%	1.8034	1.338%		4.0518	16.3684	19.2960	17.00%	3.2803	0.0926	0.3036
22		2.040%	1.8034			(0.6312)	15.1962	15.7823	17.00%	2.6830	0.0826	0.2217
23		2.040%	1.8034			(0.6312)	14.0240	14.6101	17.00%	2.4837	0.0738	0.1833
24		2.040%	1.8034			(0.6312)	12.8518	13.4379	17.00%	2.2844	0.0659	0.1505
25		2.040%	1.8034			(0.6312)	11.6796	12.2657	17.00%	2.0852	0.0588	0.1227
26		2.040%	1.8034			(0.6312)	10.5074	11.0935	17.00%	1.8859	0.0525	0.0990
27		2.040%	1.8034			(0.6312)	9.3353	9.9214	17.00%	1.6866	0.0469	0.0791
28		2.040%	1.8034			(0.6312)	8.1631	8.7492	17.00%	1.4874	0.0419	0.0623
29		2.040%	1.8034			(0.6312)	6.9909	7.5770	17.00%	1.2881	0.0374	0.0482
30		2.040%	1.8034			(0.6312)	5.8187	6.4048	17.00%	1.0888	0.0334	0.0363
31		2.040%	1.8034			(0.6312)	4.6465	5.2326	17.00%	0.8895	0.0298	0.0265
32		2.040%	1.8034			(0.6312)	3.4743	4.0604	17.00%	0.6903	0.0266	0.0184
33		2.040%	1.8034			(0.6312)	2.3022	2.8882	17.00%	0.4910	0.0238	0.0117
34		2.040%	1.8034			(0.6312)	1.1300	1.7161	17.00%	0.2917	0.0212	0.0062
35		2.040%	1.8034			(0.6312)	(0.0422)	0.5439	17.00%	0.0925	0.0189	0.0018
36		1.025%	0.9061			(0.3171)	(0.3171)	(0.1586)	17.00%	(0.0270)	1.0000	(0.0005)
		100.000%	88.4000	100.000%		319.0600	0.0000			501.8127		244.7334
	407.46	1,000.00				407.4600				244.7334	/ 1000	24.47%
												24%

\*. The 2017 bonus depreciation rate is decreased from 50% to 40% in 2018 by the Protecting Americans from Tax Hikes (PATH) Act of 2015 that was signed into law on December 18, 2015.

**SOUTHWEST GAS CORPORATION**  
 Attachment 1 to Advice Letter No. 1001  
**Effective From January 1, 2019 to December 31, 2019**  
**\*WITH MACRS 30% BONUS DEPRECIATION ON 20 YEAR PROPERTY**  
 CPUC DECISION 87-09-026

Year	Tax Pmt/(Ben) Reflecting CIAC of \$1000	California Depreciation Rates	California Rates	State Tax Benefit	MACRS 20-Year Tax			Federal Tax Rate	Federal Tax Benefit	Remaining CIAC Payable	Wtd Avg Unrecovered Tax Payment	Rate of Return	Revenue Requirement on Remaining Investment	Discount Factor 12.00%	Discounted Revenue Requirement on Remaining Investment
					30% Bonus Depr Rate	(f)	(g)								
1	438.40	2.857%	8.840%	2.5256	32.625%	35.00%	114.1875	321.6869	380.0495	17.00%	64.6074	0.8929	57.6852		
2	(30.94)	5.551%		4.9071	5.053%		16.8015	269.0383	295.3626	17.00%	50.2116	0.7972	40.0284		
3		5.234%		4.6269	4.674%		14.6415	249.7699	259.4041	17.00%	44.0987	0.7118	31.3886		
4		4.935%		4.3625	4.324%		13.5146	231.8928	240.8313	17.00%	40.9413	0.6355	26.0190		
5		4.653%		4.1133	3.999%		12.4696	215.3099	223.6013	17.00%	38.0122	0.5674	21.5692		
6		4.387%		3.8781	3.700%		11.5104	199.9214	207.6157	17.00%	35.2947	0.5066	17.8814		
7		4.137%		3.6571	3.422%		10.6197	185.6447	192.7830	17.00%	32.7731	0.4523	14.8249		
8		3.901%		3.4485	3.165%		9.7975	172.3987	179.0217	17.00%	30.4337	0.4039	12.2917		
9		3.678%		3.2514	3.123%		9.7235	159.4238	165.9112	17.00%	28.2049	0.3606	10.1710		
10		3.468%		3.0657	3.123%		9.7925	146.5655	152.9947	17.00%	26.0091	0.3220	8.3742		
11		3.270%		2.8907	3.123%		9.8575	133.8174	140.1915	17.00%	23.8325	0.2875	6.8513		
12		3.084%		2.7263	3.123%		9.9188	121.1723	127.4949	17.00%	21.6741	0.2567	5.5632		
13		2.908%		2.5707	3.123%		9.9763	108.6254	114.8989	17.00%	19.5328	0.2292	4.4764		
14		2.742%		2.4239	3.123%		10.0308	96.1707	102.3980	17.00%	17.4077	0.2046	3.5620		
15		2.585%		2.2851	3.123%		10.0821	83.8034	89.9870	17.00%	15.2978	0.1827	2.7949		
16		2.438%		2.1552	3.123%		10.1307	71.5175	77.6605	17.00%	13.2023	0.1631	2.1536		
17		2.299%		2.0323	3.123%		10.1762	59.3090	65.4133	17.00%	11.1203	0.1456	1.6196		
18		2.168%		1.9165	3.123%		10.2192	47.1733	53.2412	17.00%	9.0510	0.1300	1.1770		
19		2.040%		1.8034	3.123%		10.2597	35.1102	41.1418	17.00%	6.9941	0.1161	0.8121		
20		2.040%		1.8034	3.123%		10.2993	23.0075	29.0589	17.00%	4.9400	0.1037	0.5121		
21		2.040%		1.8034	1.562%		4.8358	16.3684	19.6880	17.00%	3.3470	0.0926	0.3098		
22		2.040%		1.8034			(0.6312)	15.1962	15.7823	17.00%	2.6830	0.0826	0.2217		
23		2.040%		1.8034			(0.6312)	14.0240	14.6101	17.00%	2.4837	0.0738	0.1833		
24		2.040%		1.8034			(0.6312)	12.8518	13.4379	17.00%	2.2844	0.0659	0.1505		
25		2.040%		1.8034			(0.6312)	11.6796	12.2657	17.00%	2.0852	0.0588	0.1227		
26		2.040%		1.8034			(0.6312)	10.5074	11.0935	17.00%	1.8859	0.0525	0.0990		
27		2.040%		1.8034			(0.6312)	9.3353	9.9214	17.00%	1.6866	0.0469	0.0791		
28		2.040%		1.8034			(0.6312)	8.1631	8.7492	17.00%	1.4874	0.0419	0.0623		
29		2.040%		1.8034			(0.6312)	6.9909	7.5770	17.00%	1.2881	0.0374	0.0482		
30		2.040%		1.8034			(0.6312)	5.8187	6.4048	17.00%	1.0888	0.0334	0.0363		
31		2.040%		1.8034			(0.6312)	4.6465	5.2326	17.00%	0.8895	0.0298	0.0285		
32		2.040%		1.8034			(0.6312)	3.4743	4.0604	17.00%	0.6903	0.0266	0.0184		
33		2.040%		1.8034			(0.6312)	2.3022	2.8882	17.00%	0.4910	0.0238	0.0117		
34		2.040%		1.8034			(0.6312)	1.1300	1.7161	17.00%	0.2917	0.0212	0.0062		
35		2.040%		1.8034			(0.6312)	(0.0422)	0.5439	17.00%	0.0925	0.0189	0.0018		
36		1.025%		0.9061			(0.6312)	(0.3171)	(0.1797)	17.00%	(0.0305)	0.0169	(0.0005)		
		100.000%		88.4000	100.000%		319.0600	0.0000	(0.1586)	17.00%	(0.0270)	1.0000	(0.0270)		
	407.46										556.3569		271.1053		
							407.4600				271.1053	/ 1000	27.11%		
													27%		

\*. The 2018 bonus depreciation rate is decreased from 40% in 2019 and is scheduled to sunset in 2020 by the Protecting Americans from Tax Hikes (PATH) Act of 2015 that was signed into law on December 18, 2015.