

Instructions:

Select PTC or ITC from the dropdown box in Cell C7

The resulting LCOE is displayed in Cell C9

Changes to the PTC base price can be made in Cell C54

Changes to the PTC escalation can be made in Cell D55

Changes to the ITC base exclusion can be entered into Cell D59

Pacific Gas and Electric Company

Manzana

Input Page

Nominal \$000

Confidential Protected Material

Select PTC or ITC

Levelized Cost of Energy \$/mwh

Revenue Requirement Model Inputs

Line No.	Inputs	Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Line No.	Inputs	Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Pacific Gas and Electric Company
 Manzana
 Input Page
 Nominal \$000

Confidential Protected Material

PTC
 ITC

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
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Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Revenue Requirements Calculation

Line No.	Description	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024
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Income Tax Calculations

Manzana

Line No.	Description	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024
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Revenue Requirement
Original \$2016

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Rate Base Calculation

Manzana

Line No.	Description	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024
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Cost of Capital

Line No.	Description	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024
20	{Redacted}													
21														
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NPV Revenue Requirement

{Redacted}

Levelized Cost by Revenue Requirement Component - \$/MWH

{Redacted}

Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Levelized Revenue Requirement

{Redacted}

{Redacted}

Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Revenue Requirements Calculation

Line No.	Description	14 2025	15 2026	16 2027	17 2028	18 2029	19 2030	20 2031	21 2032	22 2033	23 2034	24 2035	25 2036	26 2037
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Income Tax Calculations

Manzana

Line No.	Description	14 2025	15 2026	16 2027	17 2028	18 2029	19 2030	20 2031	21 2032	22 2033	23 2034	24 2035	25 2036	26 2037
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Rate Base Calculation

Manzana

Line No.	Description	14 2025	15 2026	16 2027	17 2028	18 2029	19 2030	20 2031	21 2032	22 2033	23 2034	24 2035	25 2036	26 2037
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Cost of Capital

Line No.	Description	14 2025	15 2026	16 2027	17 2028	18 2029	19 2030	20 2031	21 2032	22 2033	23 2034	24 2035	25 2036	26 2037
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NPV Revenue Requirement

{Redacted}

Levelized Cost by Revenue Requirement Component - \$/MWH

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Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Levelized Revenue Requirement

{Redacted}

{Redacted}

Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Revenue Requirements Calculation

Line No.	Description	27 2038	28 2039	29 2040	30 2041
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Line No.	Description	27 2038	28 2039	29 2040	30 2041
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Manzana
Revenue Requirement
Nominal \$000

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Rate Base Calculation

Line No.	Description	27 2038	28 2039	29 2040	30 2041
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Manzana
Revenue Requirement
Nominal \$000

Cost of Capital

Line No.	Description	27 2038	28 2039	29 2040	30 2041
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NPV Revenue Requirement

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Levelized Cost by Revenue Requirement Component - \$/MWH

{Redacted}

Pacific Gas And Electric Company
Manzana
Revenue Requirement
Nominal \$000

Confidential Protected Material

Levelized Revenue Requirement

{Redacted}

Pacific Gas and Electric Company
 Manzana
 Excl Gen-Tie AFUDC Calculation
 (Nominal 000\$)

Confidential Protected Material

Capital Expenditure Calculation Thousand \$

Line No.	Description	Total	1 Nov-09	2 Dec-09	3 Jan-10	4 Feb-10	5 Mar-10	6 Apr-10	7 May-10	8 Jun-10	9 Jul-10	10 Aug-10	11 Sep-10	12 Oct-10	13 Nov-10	14 Dec-10
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Pacific Gas and Electric Company
 Manzana
 Excl Gen-Tie AFUDC Calculation
 (Nominal 000\$)

Confidential Protected Material

Capital Expenditure Calculation Thousand \$

Line No.	Description	15 Jan-11	16 Feb-11	17 Mar-11	18 Apr-11	19 May-11	20 Jun-11	21 Jul-11	22 Aug-11	23 Sep-11	24 Oct-11	25 Nov-11	26 Dec-11	27 Jan-12	28 Feb-12	29 Mar-12	30 Apr-12
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Pacific Gas and Electric Company
 Manzana
 Excl Gen-Tie AFUDC Calculation
 (Nominal 000\$)

Confidential Protected Material

Capital Expenditure Calculation Thousand \$

Line No.	Description	31 May-12	32 Jun-12	33 Jul-12	34 Aug-12	35 Sep-12	36 Oct-12	37 Nov-12	38 Dec-12	39 Jan-13	40 Feb-13	41 Mar-13	42 Apr-13	43 May-13	44 Jun-13
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Pacific Gas and Electric Company
 Manzana
 Excl Gen-Tie AFUDC Calculation
 (Nominal 000\$)

Confidential Protected Material

Capital Expenditure Calculation Thousand \$

Line No.	Description	45 Jul-13	46 Aug-13	47 Sep-13	48 Oct-13	49 Nov-13	50 Dec-13	51 Jan-14	52 Mar-14	53 Apr-14	54 May-14	55 Jun-14	56 Jul-14	57 Aug-14	58 Sep-14	59 Oct-14	60 Nov-14
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Capital Expenditure Calculation Thousand \$

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Pacific Gas and Electric Company
 Manzana
 Gen-Tie AFUDC Calculation
 Nominal \$000

Capital Expenditure Calculation Thousand \$

Line No.	Description	Total	1 Nov-09	2 Dec-09	3 Jan-10	4 Feb-10	5 Mar-10	6 Apr-10	7 May-10	8 Jun-10	9 Jul-10	10 Aug-10	11 Sep-10	12 Oct-10	13 Nov-10	14 Dec-10
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Pacific Gas and Electric Company
Manzana
Gen-Tie AFUDC Calculation
Nominal \$000

Capital Expenditure Calculation Thousand \$

Line No.	Description	15 Jan-11	16 Feb-11	17 Mar-11	18 Apr-11	19 May-11	20 Jun-11	21 Jul-11	22 Aug-11	23 Sep-11	24 Oct-11	25 Nov-11	26 Dec-11	27 Jan-12	28 Feb-12	29 Mar-12	30 Apr-12
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Pacific Gas and Electric Company
 Manzana
 Gen-Tie AFUDC Calculation
 Nominal \$000

Capital Expenditure Calculation Thousand \$

Line No.	Description	31 May-12	32 Jun-12	33 Jul-12	34 Aug-12	35 Sep-12	36 Oct-12	37 Nov-12	38 Dec-12	39 Jan-13	40 Feb-13	41 Mar-13	42 Apr-13	43 May-13	44 Jun-13	45 Jul-13	46 Aug-13
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Pacific Gas and Electric Company
 Manzana
 Gen-Tie AFUDC Calculation
 Nominal \$000

Capital Expenditure Calculation Thousand \$

Line No.	Description	47 Sep-13	48 Oct-13	49 Nov-13	50 Dec-13	51 Jan-14	52 Mar-14	53 Apr-14	54 May-14	55 Jun-14	56 Jul-14	57 Aug-14	58 Sep-14	59 Oct-14	60 Nov-14	61 Dec-14	62 Jan-15
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Pacific Gas and Electric Company
 Manzana
 Excl Gen Tie Tax Calculation
 (Nominal \$000)

Confidential Protected Material

Bid 0
 Revenue Requirement Tax Calculation Thousand \$

Line No.	Year	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024	14 2025	15 2026	16 2027	17 2028	18 2029	19 2030
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Pacific Gas and Electric Company
Manzana
Excl Gen Tie Tax Calculation
(Nominal \$000)

Confidential Protected Material

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Pacific Gas and Electric Company
 Manzana
 Excl Gen Tie Tax Calculation
 (Nominal \$000)

Confidential Protected Material

Bid 0

Revenue Requirement Tax Calculation Thousand \$

Line No.	Year	20 2031	21 2032	22 2033	23 2034	24 2035	25 2036	26 2037	27 2038	28 2039	29 2040	30 2041	0 0	0 0	0 0	0 0	0 0	0 0	0 0
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Pacific Gas and Electric Company
Manzana
Excl Gen Tie Tax Calculation
(Nominal \$000)

Confidential Protected Material

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Pacific Gas and Electric Company
Manzana
Excl Gen Tie Tax Calculation
(Nominal \$000)

Confidential Protected Material

Bid 0
Revenue Requirement Tax Calculation Thousand \$

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Pacific Gas and Electric Company
Manzana
Excl Gen Tie Tax Calculation
(Nominal \$000)

Confidential Protected Material

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Pacific Gas and Electric Company
 Manzana
 Gen Tie Tax Calculation
 \$000

Revenue Requirement Tax Calculation Thousand \$

Line No.	Year	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024	14 2025	15 2026	16 2027	17 2028	18 2029
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Pacific Gas and Electric Company
Manzana
Gen Tie Tax Calculation
\$000

Revenue Requirement Tax Calculation Thousand \$

Line No.	Year	1 2012	2 2013	3 2014	4 2015	5 2016	6 2017	7 2018	8 2019	9 2020	10 2021	11 2022	12 2023	13 2024	14 2025	15 2026	16 2027	17 2028	18 2029
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Pacific Gas and Electric Company
Manzana
Gen Tie Tax Calculation
\$000

19	20	21	22	23	24	25	26	27	28	29	30	0	0	0	0	0	0	0	0	0
2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	0	0	0	0	0	0	0	0	0

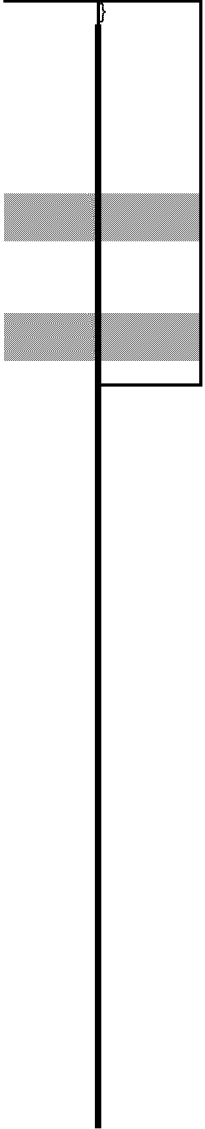


Pacific Gas and Electric Company
Manzana
Gen Tie Tax Calculation
\$000

19	20	21	22	23	24	25	26	27	28	29	30	0	0	0	0	0	0	0	0	0
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Pacific Gas and Electric Company
Manzana
Gen Tie Tax Calculation
\$000

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Pacific Gas and Electric Company
Manzana
Gen Tie Tax Calculation
\$000

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