

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2018

Line No.	(1)	(2)	Jersey Central Power & Light (3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 43, col 5]				\$ 172,437,936
	REVENUE CREDITS	(Note T)	<u>Total</u>	<u>Allocator</u>	
2	Account No. 451	(page 4, line 29)	-	TP 1.00000	-
3	Account No. 454	(page 4, line 30)	-	TP 1.00000	-
4	Account No. 456	(page 4, line 31)	1,074,828	TP 1.00000	1,074,828
5	Revenues from Grandfathered Interzonal Transactions		-	TP 1.00000	-
6	Revenues from service provided by the ISO at a discount		-	TP 1.00000	-
7	TEC Revenue	Attachment 11, Page 2, Line 3, Col. 12	<u>23,969,269</u>	TP 1.00000	<u>23,969,269</u>
8	TOTAL REVENUE CREDITS (sum lines 2-7)		<u>25,044,097</u>		<u>25,044,097</u>
9	True-up Adjustment with Interest	Attachment 13, Line 28			-
10	NET REVENUE REQUIREMENT	(Line 1 - Line 8 + Line 9)			\$ 147,393,839
	DIVISOR				<u>Total</u>
11	1 Coincident Peak (CP) (MW)			(Note A)	5,721.0
12	Average 12 CPs (MW)			(Note CC)	<u>4,146.3</u>
13	Annual Rate (\$/MW/Yr)	(line 10 / line 11)	<u>Total</u> 25,763.74		
			<u>Peak Rate</u>		<u>Off-Peak Rate</u>
14	Point-to-Point Rate (\$/MW/Year)	(line 10 / line 12)	35,547.92		35,547.92
15	Point-to-Point Rate (\$/MW/Month)	(line 14/12)	2,962.33		2,962.33
16	Point-to-Point Rate (\$/MW/Week)	(line 14/52)	683.61		683.61
17	Point-to-Point Rate (\$/MW/Day)	(line 16/5; line 16/7)	136.72		97.66
18	Point-to-Point Rate (\$/MWh)	(line 14/4,160; line 14/8,760)	8.55		4.06

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For the 12 months ended 12/31/2018

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
RATE BASE:					
GROSS PLANT IN SERVICE					
1	Production	Attachment 3, Line 14, Col. 1 (Notes U & X)	44,024,315	NA	
2	Transmission	Attachment 3, Line 14, Col. 2 (Notes U & X)	1,534,222,936	TP	1,534,222,936
3	Distribution	Attachment 3, Line 14, Col. 3 (Notes U & X)	4,690,381,378	NA	
4	General & Intangible	Attachment 3, Line 14, Col. 4 & 5 (Notes U & X)	362,814,552	GP	88,797,477
5	Common	Attachment 3, Line 14, Col. 6 (Notes U & X)	-	CE	-
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>6,631,443,182</u>	GP= 24.475%	<u>1,623,020,414</u>
ACCUMULATED DEPRECIATION					
7	Production	Attachment 4, Line 14, Col. 1 (Notes U & X)	21,703,949	NA	
8	Transmission	Attachment 4, Line 14, Col. 2 (Notes U & X)	392,984,327	TP	392,984,327
9	Distribution	Attachment 4, Line 14, Col. 3 (Notes U & X)	1,440,607,936	NA	
10	General & Intangible	Attachment 4, Line 14, Col. 4 & 5 (Notes U & X)	204,632,001	GP	50,082,901
11	Common	Attachment 4, Line 14, Col. 6 (Notes U & X)	-	CE	-
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>2,059,928,213</u>		<u>443,067,228</u>
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	22,320,366		
14	Transmission	(line 2 - line 8)	1,141,238,609		1,141,238,609
15	Distribution	(line 3 - line 9)	3,249,773,442		
16	General & Intangible	(line 4 - line 10)	158,182,552		38,714,576
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		<u>4,571,514,969</u>	NP= 25.811%	<u>1,179,953,185</u>
ADJUSTMENTS TO RATE BASE					
19	Account No. 281 (enter negative)	Attachment 5, Line 3, Col. 1 (Notes C, F, Y)	-	NA	
20	Account No. 282 (enter negative)	Attachment 5, Line 3, Col. 2 (Notes C, F, Y)	(368,221,901)	DA	(368,221,901)
21	Account No. 283 (enter negative)	Attachment 5, Line 3, Col. 3 (Notes C, F, Y)	(8,982,241)	DA	(8,982,241)
22	Account No. 190	Attachment 5, Line 3, Col. 4 (Notes C, F, Y)	11,032,002	DA	11,032,002
23	Account No. 255 (enter negative)	Attachment 5, Line 3, Col. 5 (Notes C, F, Y)	(1,851,748)	DA	(1,851,748)
24	Unfunded Reserve Plant-related (enter negative)	Attachment 14, Line 6, Col. 6 (Notes C & Y)	-	DA	-
25	Unfunded Reserve Labor-related (enter negative)	Attachment 14, Line 9, Col. 6 (Notes C & Y)	-	DA	-
26	CWIP	216.b (Notes X & Z)	-	DA	-
27	Unamortized Regulatory Asset	Attachment 16a, 16b, 16c, Line 15, Col. 7 (Note X)	20,806,520	DA	20,806,520
28	Unamortized Abandoned Plant	Attachment 17, Line 15, Col. 7 (Notes X & BB)	-	DA	-
29	TOTAL ADJUSTMENTS (sum lines 19-28)		<u>(347,217,368)</u>		<u>(347,217,368)</u>
30	LAND HELD FOR FUTURE USE	214.x.d (Attachment 14, Line 3, Col. 1) (Notes G & Y)	-	TP	-
31	WORKING CAPITAL (Note H)				
32	CWC	1/8*(Page 3, Line 15 minus Page 3, Lines 11 & 12)	14,103,574		3,721,817
33	Materials & Supplies (Note G)	227.8.c & .16.c (Attachment 14, Line 3, Col. 2) (Note Y)	-	TE	-
34	Prepayments (Account 165)	111.57.c (Attachment 14, Line 3, Col. 3) (Notes B & Y)	<u>2,065,755</u>	GP	<u>505,586</u>
35	TOTAL WORKING CAPITAL (sum lines 32 - 34)		<u>16,169,329</u>		<u>4,227,403</u>
36	RATE BASE (sum lines 18, 29, 30, & 35)		<u><u>4,240,466,930</u></u>		<u><u>836,963,220</u></u>

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For the 12 months ended 12/31/2018

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
O&M					
1	Transmission	321.112.b	23,510,047	TE	0.94274
2	Less LSE Expenses Included in Transmission O&M Accounts (Note W)		-	DA	1.00000
3	Less Account 565	321.96.b	-	DA	1.00000
4	Less Account 566	321.97.b	(7,765,816)	DA	1.00000
5	A&G	323.197.b	89,577,847	W/S	0.08786
6	Less FERC Annual Fees		-	W/S	0.08786
7	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		-	W/S	0.08786
8	Plus Transmission Related Reg. Comm. Exp. (Note I)		-	TE	0.94274
9	PBOP Expense Adjustment in Year	Attachment 6, Line 9 (Note C)	(259,304)	DA	1.00000
10	Common	356.1	-	CE	0.08786
11	Account 407.3 Amortization of Regulatory Assets	Attachment 16a, 16b, 16c, Line 15, Col. 5	4,181,789	DA	1.00000
12	Account 566 Amortization of Regulatory Assets	321.97.b (notes)	-	DA	1.00000
13	Acct. 566 Miscellaneous Transmission Expense (less amortization of regulatory asset)	321.97.b - line 12	(7,765,816)	DA	1.00000
14	Total Account 566 (sum lines 12 & 13, ties to 321.97.b)		(7,765,816)		
15	TOTAL O&M (sum lines 1, 5, 8, 9, 10, 11, 14 less 2, 3, 4, 6, 7)		117,010,379		
DEPRECIATION AND AMORTIZATION EXPENSE					
16	Transmission	336.7.b (Note U)	32,835,643	TP	1.00000
17	General & Intangible	336.1.f & 336.10.f (Note U)	13,131,790	GP	0.24475
18	Common	336.11.b (Note U)	-	CE	0.08786
19	Amortization of Abandoned Plant	Attachment 17, Line 15, Col. 5 (Note BB)	-	DA	1.00000
20	TOTAL DEPRECIATION (sum lines 16 - 19)		45,967,433		
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
21	Payroll	263.i (Attachment 7, line 1z)	10,916,820	W/S	0.08786
22	Highway and vehicle	263.i (Attachment 7, line 2z)	6,112	W/S	0.08786
PLANT RELATED					
24	Property	263.i (Attachment 7, line 3z)	6,164,926	GP	0.24475
25	Gross Receipts	263.i (Attachment 7, line 4z)	-	NA	-
26	Other	263.i (Attachment 7, line 5z)	3,024	GP	0.24475
27	Payments in lieu of taxes	Attachment 7, line 6z	-	GP	0.24475
28	TOTAL OTHER TAXES (sum lines 21 - 27)		17,090,882		
INCOME TAXES (Note K)					
29	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		40.85%		
30	$CIT=(T/1-T) * (1-(WCLTD/R)) =$ where WCLTD=(page 4, line 22) and R=(page 4, line 25) and FIT, SIT & p are as given in footnote K.		44.08%		
31	$1 / (1 - T) =$ (from line 29)		1.6906		
32	Amortized Investment Tax Credit (266.8.f) (enter negative)		(131,199)		
33	Tax Effect of Permanent Differences and AFUDC Equity (Attachment 15, Line 1, Col. 3) [Notes D & Y]		175,500		
34	(Excess)/Deficient Deferred Income Taxes (Attachment 15, Lines 2 & 3, Col. 3) [Notes E & Y]		-		
35	Income Tax Calculation = line 30 * line 40		154,587,811	NA	30,511,808
36	ITC adjustment (line 31 * line 32)		(221,807)	NP	(57,251)
37	Permanent Differences and AFUDC Equity Tax Adjustment (line 31 * line 33)		296,703	DA	296,703
38	(Excess)/Deficient Deferred Income Tax Adjustment (line 31 * line 34)		-	DA	-
39	Total Income Taxes	sum lines 35 through 38	154,662,707		30,751,261
40	RETURN	[Rate Base (page 2, line 36) * Rate of Return (page 4, line 25, col. 6)]	350,659,634.51	NA	69,211,533
GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)					
41		(sum lines 15, 20, 28, 39, 40)	685,391,035		172,437,936
42	ADDITIONAL INCENTIVE REVENUE	Attachment 11, Line 4 (Note AA)	0		0
43	GROSS REV. REQUIREMENT	(line 41 + line 42)	685,391,035		172,437,936

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Jersey Central Power & Light

SUPPORTING CALCULATIONS AND NOTES

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
TRANSMISSION PLANT INCLUDED IN ISO RATES						
1	Total transmission plant (page 2, line 2, column 3)					1,534,222,936
2	Less transmission plant excluded from ISO rates (Note M)					-
3	Less transmission plant included in OATT Ancillary Services (Note N)					-
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)					1,534,222,936
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=	1.00000
TRANSMISSION EXPENSES						
6	Total transmission expenses (page 3, line 1, column 3)					23,510,047
7	Less transmission expenses included in OATT Ancillary Services (Note L)					1,346,075
8	Included transmission expenses (line 6 less line 7)					22,163,972
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.94274
10	Percentage of transmission plant included in ISO Rates (line 5)				TP	1.00000
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)				TE=	0.94274
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference	\$	TP	Allocation		
12	Production 354.20.b	-	0.00	-		
13	Transmission 354.21.b	5,291,143	1.00	5,291,143		
14	Distribution 354.23.b	39,965,345	0.00	-	W&S Allocator	
15	Other 354.24,25,26.b	14,969,313	0.00	-	(\$ / Allocation)	
16	Total (sum lines 12-15)	60,225,801		5,291,143	=	0.08786 = WS
COMMON PLANT ALLOCATOR (CE) (Note O)						
		\$		% Electric	W&S Allocator	
17	Electric 200.3.c	-		(line 17 / line 20)	(line 16, col. 6)	CE
18	Gas 201.3.d	-		1.00000 *	0.08786	=
19	Water 201.3.e	-				0.08786
20	Total (sum lines 17 - 19)	-				
RETURN (R)						
21	Preferred Dividends (118.29c) (positive number)					-
Cost (Note P) Weighted						
22	Long Term Debt (112.24.c) (Attachment 8, Line 14, Col. 7) (Note X)	1,614,161,504	52%	0.0575	0.0299 =WCLTD	
23	Preferred Stock (112.3d) (Attachment 8, Line 14, Col. 2) (Note X)	-	0%	0.0000	0.0000	
24	Common Stock Attachment 8, Line 14, Col. 6) (Note X)	1,489,271,936	48%	0.1100	0.0528	
25	Total (sum lines 22-24)	3,103,433,440			0.0827 =R	
REVENUE CREDITS						
ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note Q)						
26	a. Bundled Non-RQ Sales for Resale (311.x.h)					-
27	b. Bundled Sales for Resale included in Divisor on page 1					-
28	Total of (a)-(b)					-
29	ACCOUNT 451 (MISCELLANEOUS SERVICE REVENUE) (Note S)		(300.17.b)			-
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)		(300.19.b)			-
31	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note V)		(330.x.n)			1,074,828

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Jersey Central Power & Light

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note

Letter

- A As provided by PJM and in effect at the time of the annual rate calculations pursuant to Section 34.1 of the PJM OATT.
 - B Prepayments shall exclude prepayments of income taxes.
 - C Transmission-related only
 - D Includes the annual income tax cost or benefits due to permanent differences or differences between the amounts of expenses or revenues recognized in one period for ratemaking purposes and the amounts recognized for income tax purposes which do not reverse in one or more other periods, including the cost of income taxes on the Allowance for Other Funds Used During Construction
 - E Upon enactment of changes in tax law, income tax rates (including changes in apportionment) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes. Amounts to be included will be January 1, 2017 and thereafter.
 - F The balances in Accounts 190, 281, 282 and 283, should exclude all FASB 106 or 109 related amounts. For example, any and all amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 should be excluded. The balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
 - G Identified in Form 1 as being only transmission related.
 - H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 15, column 5 minus amortization of regulatory assets (page 3, lines 11 & 12, col. 5). Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111, line 57 in the Form 1.
 - I Line 7 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 8 - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
 - J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
 - K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 31).
- | | | |
|--------|-------|---|
| Inputs | FIT = | 35.00% |
| | SIT = | 9.00% (State Income Tax Rate or Composite SIT) |
| | p = | (percent of federal income tax deductible for state purposes) |
- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1 - 561.3, and 561.BA., and related to generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
 - M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
 - N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
 - O Enter dollar amounts
 - P Debt cost rate = Attachment 10, Column (j) total. Preferred cost rate = preferred dividends (line 21) / preferred outstanding (line 23). ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
 - Q Line 28 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
 - R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
 - S Excludes revenues unrelated to transmission services.
 - T The revenues credited on page 1, lines 2-6 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template. The revenue on line 7 is supported by its own reference.
 - U Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC.
 - V On Page 4, Line 31, enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive JCP&L's zonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects.
 - W Account Nos. 561.4, 561.8, and 575.7 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
 - X Calculate using a 13 month average balance.
 - Y Calculate using average of beginning and end of year balance.
 - Z Includes only CWIP authorized by the Commission for inclusion in rate base.
 - AA Any actual ROE incentive must be approved by the Commission; therefore, line will remain zero until a project(s) is granted an ROE incentive adder.
 - BB Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Utility must submit a Section 205 filing to recover the cost of abandoned plant.
 - CC Peak as would be reported on page 401, column d of Form 1 at the time of the zonal peak for the twelve month period ending October 31 of the calendar year used to calculate rates. The projection year will utilize the most recent preceding 12-month period at the time of the filing.

Schedule 1A Rate Calculation

1	\$ 1,346,075	Attachment H-4A, Page 4, Line 7
2	\$ 122,450	Revenue Credits for Sched 1A - Note A
3	\$ 1,223,624	Net Schedule 1A Expenses (Line 1 - Line 2)
4	22,210,205	Annual MWh in JCP&L Zone - Note B
5	\$ 0.0551	Schedule 1A rate \$/MWh (Line 3/ Line 4)

Note:

- A Revenues received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of JCP&L's zone during the year used to calculate rates under Attachment H-4A.
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the JCP&L zone. Data from RTO settlement systems for the calendar year prior to the rate year.

Incentive ROE Calculation

Return Calculation		Source Reference	
1	Rate Base	Attachment H-4A, page 2, Line 36, Col. 5	836,963,220
2	Preferred Dividends	enter positive	0
Common Stock			
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	3,298,068,102
4	Less Preferred Stock	Attachment 8, Line 14, Col. 2	0
5	Less Accumulated Other Comprehensive Income Account 219	Attachment 8, Line 14, Col. 4	-2,097,811
6	Less Account 216.1 & Goodwill	Attachment 8, Line 14, Col. 3 & 5	1,810,893,977
7	Common Stock	Attachment 8, Line 14, Col. 6	1,489,271,936
Capitalization			
8	Long Term Debt	Attachment H-4A, page 4, Line 22, Col. 3	1,614,161,504
9	Preferred Stock	Attachment H-4A, page 4, Line 23, Col. 3	0
10	Common Stock	Attachment H-4A, page 4, Line 24, Col. 3	1,489,271,936
11	Total Capitalization	Attachment H-4A, page 4, Line 25, Col. 3	3,103,433,440
12	Debt %	Total Long Term Debt	Attachment H-4A, page 4, Line 22, Col. 4
13	Preferred %	Preferred Stock	Attachment H-4A, page 4, Line 23, Col. 4
14	Common %	Common Stock	Attachment H-4A, page 4, Line 24, Col. 4
15	Debt Cost	Total Long Term Debt	Attachment H-4A, page 4, Line 22, Col. 5
16	Preferred Cost	Preferred Stock	Attachment H-4A, page 4, Line 23, Col. 5
17	Common Cost	Common Stock	11.00%
18	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 12 * Line 15)
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)

Income Taxes			
Income Tax Rates			
23	$T = 1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =$	Attachment H-4A, page 3, Line 29, Col. 3	40.85%
24	$CIT = (T / (1 - T)) * (1 - (WCLTD / R)) =$	Calculated	44.08%
25	$1 / (1 - T) =$ (from line 23)	Attachment H-4A, page 3, line 31, Col. 3	1.6906
26	Amortized Investment Tax Credit (266.8.f) (enter negative)	Attachment H-4A, page 3, Line 32, Col. 3	(131,198.84)
27	Tax Effect of Permanent Differences and AFUDC Equity	Attachment H-4A, page 3, Line 33, Col. 3	175,500.00
28	(Excess)/Deficient Deferred Income Taxes	Attachment H-4A, page 3, Line 34, Col. 3	-
29	Income Tax Calculation	(line 22 * line 24)	30,511,807.87
30	ITC adjustment	Attachment H-4A, page 3, Line 36, Col. 5	(57,250.58)
31	Permanent Differences and AFUDC Equity Tax Adjustment	Attachment H-4A, page 3, Line 37, Col. 5	296,703.30
32	(Excess)/Deficient Deferred Income Tax Adjustment	Attachment H-4A, page 3, Line 38, Col. 5	-
33	Total Income Taxes	Sum lines 29 to 32	30,751,260.59

Increased Return and Taxes			
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	99,962,793.62
35	Return without incentive adder	Attachment H-4A, Page 3, Line 40, Col. 5	69,211,533.02
36	Income Tax without incentive adder	Attachment H-4A, Page 3, Line 39, Col. 5	30,751,260.59
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	99,962,793.62
38	Return and Income taxes with increase in ROE	Line 34	99,962,793.62
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-
40	Rate Base	Line 1	836,963,220.38
41	Incremental Return and incomes taxes for increase in ROE divided by rate base	Line 39 / Line 40	-

Notes:
Line 17 to include an incentive ROE that is used only to determine the increase in return and incomes taxes associated with a specific increase in ROE. Any actual ROE incentive must be approved by the Commission. Until an ROE incentive is approved, line 17 will reflect the current ROE.

Gross Plant Calculation

For the 12 months ended 12/31/2018

		[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Production	Transmission	Distribution	Intangible	General	Common	Total
1	December 2017	43,271,921	1,494,473,255	4,619,016,633	104,564,255	252,494,679	-	6,513,820,744
2	January 2018	43,286,643	1,496,361,795	4,629,496,419	104,594,836	253,069,252	-	6,526,808,945
3	February 2018	43,297,468	1,497,886,632	4,640,295,024	104,603,239	253,623,058	-	6,539,705,421
4	March 2018	43,301,844	1,499,687,661	4,651,216,718	104,794,393	255,818,285	-	6,554,818,900
5	April 2018	43,306,186	1,501,854,860	4,663,048,596	105,069,366	256,214,284	-	6,569,493,292
6	May 2018	43,310,515	1,532,948,674	4,675,477,678	105,098,109	256,617,459	-	6,613,452,435
7	June 2018	43,314,841	1,549,965,327	4,689,438,524	105,183,643	257,096,998	-	6,644,999,333
8	July 2018	43,346,460	1,552,706,196	4,702,716,855	105,245,428	257,639,858	-	6,661,654,796
9	August 2018	43,526,393	1,556,781,167	4,715,692,798	105,426,796	258,207,802	-	6,679,634,958
10	September 2018	43,558,025	1,560,441,510	4,727,560,412	105,440,718	258,713,093	-	6,695,713,758
11	October 2018	43,589,644	1,563,832,084	4,740,080,020	105,449,858	259,223,140	-	6,712,174,746
12	November 2018	43,621,278	1,565,945,222	4,752,152,697	105,472,582	259,889,252	-	6,727,081,030
13	December 2018	51,584,874	1,572,013,789	4,768,765,542	115,774,377	261,264,420	-	6,769,403,001
14	13-month Average [A] [C]	44,024,315	1,534,222,936	4,690,381,378	105,901,354	256,913,198	-	6,631,443,182
		Production	Transmission	Distribution	Intangible	General	Common	Total
	[B]	205.46.g	207.58.g	207.75.g	205.5.g	207.99.g	356.1	
15	December 2017	43,271,921	1,494,476,666	4,619,062,290	104,564,255	254,452,143	-	6,515,827,275
16	January 2018	43,286,643	1,496,365,206	4,629,542,076	104,594,836	255,026,715	-	6,528,815,476
17	February 2018	43,297,468	1,497,890,043	4,640,340,680	104,603,239	255,580,522	-	6,541,711,952
18	March 2018	43,301,844	1,499,691,071	4,651,262,375	104,794,393	257,775,748	-	6,556,825,431
19	April 2018	43,306,186	1,501,858,271	4,663,094,253	105,069,366	258,171,747	-	6,571,499,823
20	May 2018	43,310,515	1,532,952,084	4,675,523,335	105,098,109	258,574,923	-	6,615,458,966
21	June 2018	43,314,841	1,549,968,738	4,689,484,181	105,183,643	259,054,461	-	6,647,005,864
22	July 2018	43,346,460	1,552,709,606	4,702,762,511	105,245,428	259,597,321	-	6,663,661,327
23	August 2018	43,526,393	1,556,784,578	4,715,738,455	105,426,796	260,165,266	-	6,681,641,488
24	September 2018	43,558,025	1,560,444,920	4,727,606,069	105,440,718	260,670,557	-	6,697,720,289
25	October 2018	43,589,644	1,563,835,495	4,740,125,677	105,449,858	261,180,603	-	6,714,181,277
26	November 2018	43,621,278	1,565,948,632	4,752,198,353	105,472,582	261,846,716	-	6,729,087,561
27	December 2018	51,584,874	1,572,017,199	4,768,811,198	115,774,377	263,221,883	-	6,771,409,532
28	13-month Average	44,024,315	1,534,226,347	4,690,427,035	105,901,354	258,870,662	-	6,633,449,712

		Asset Retirement Costs					
		Production	Transmission	Distribution	Intangible	General	Common
	[B]	205.44.g	207.57.g	207.74.g	company records	207.98.g	company records
29	December 2017		3,410	45,657		1,957,464	
30	January 2018		3,410	45,657		1,957,464	
31	February 2018		3,410	45,657		1,957,464	
32	March 2018		3,410	45,657		1,957,464	
33	April 2018		3,410	45,657		1,957,464	
34	May 2018		3,410	45,657		1,957,464	
35	June 2018		3,410	45,657		1,957,464	
36	July 2018		3,410	45,657		1,957,464	
37	August 2018		3,410	45,657		1,957,464	
38	September 2018		3,410	45,657		1,957,464	
39	October 2018		3,410	45,657		1,957,464	
40	November 2018		3,410	45,657		1,957,464	
41	December 2018		3,410	45,657		1,957,464	
42	13-month Average	-	3,410	45,657	-	1,957,464	-

Notes:

[A] Taken to Attachment H-4A, page 2, lines 1-6, Col. 3

[B] Reference for December balances as would be reported in FERC Form 1.

[C] Balance excludes Asset Retirements Costs

Accumulated Depreciation Calculation

For the 12 months ended 12/31/2018

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Production	Transmission	Distribution	Intangible	General	Common	Total	
1	December	2017	21,189,851	380,244,861	1,402,776,432	73,340,816	125,153,122	-	2,002,705,083
2	January	2018	21,287,604	383,381,513	1,409,162,879	73,898,545	125,648,015	-	2,013,378,556
3	February	2018	21,385,815	385,868,697	1,415,533,133	74,456,437	126,145,709	-	2,023,389,791
4	March	2018	21,484,758	388,340,603	1,421,908,887	75,015,160	126,462,160	-	2,033,211,568
5	April	2018	21,583,713	390,865,445	1,428,203,444	75,575,825	126,979,596	-	2,043,208,023
6	May	2018	21,682,678	390,185,803	1,434,452,950	76,137,755	127,496,589	-	2,049,955,775
7	June	2018	21,781,652	391,124,227	1,440,555,634	76,700,162	128,005,484	-	2,058,167,158
8	July	2018	21,877,628	393,724,395	1,446,758,206	77,207,875	128,502,898	-	2,068,071,003
9	August	2018	21,957,333	396,156,947	1,453,017,218	77,716,601	128,991,425	-	2,077,839,524
10	September	2018	22,053,723	398,547,580	1,459,421,023	78,226,141	129,485,812	-	2,087,734,278
11	October	2018	22,150,177	400,927,707	1,465,773,786	78,735,777	129,980,110	-	2,097,567,556
12	November	2018	22,246,690	403,598,712	1,472,197,884	79,245,546	130,457,572	-	2,107,746,404
13	December	2018	21,469,717	405,829,764	1,478,141,688	79,793,777	130,857,101	-	2,116,092,047
14	13-month Average	[A] [C]	21,703,949	392,984,327	1,440,607,936	76,619,263	128,012,738	-	2,059,928,213
			Production	Transmission	Distribution	Intangible	General	Common	Total
		[B]	219.20-24.c	219.25.c	219.26.c	200.21.c	219.28.c	356.1	
15	December	2017	21,189,851	380,693,936	1,402,776,432	73,340,816	125,153,122	-	2,003,154,157
16	January	2018	21,287,604	383,821,305	1,409,162,879	73,898,545	125,648,015	-	2,013,818,347
17	February	2018	21,385,815	386,299,205	1,415,533,133	74,456,437	126,145,709	-	2,023,820,299
18	March	2018	21,484,758	388,761,828	1,421,908,887	75,015,160	126,462,160	-	2,033,632,793
19	April	2018	21,583,713	391,277,387	1,428,203,444	75,575,825	126,979,596	-	2,043,619,965
20	May	2018	21,682,678	390,588,462	1,434,452,950	76,137,755	127,496,589	-	2,050,358,434
21	June	2018	21,781,652	391,517,603	1,440,555,634	76,700,162	128,005,484	-	2,058,560,534
22	July	2018	21,877,628	394,108,487	1,446,758,206	77,207,875	128,502,898	-	2,068,455,095
23	August	2018	21,957,333	396,531,757	1,453,017,218	77,716,601	128,991,425	-	2,078,214,334
24	September	2018	22,053,723	398,913,106	1,459,421,023	78,226,141	129,485,812	-	2,088,099,805
25	October	2018	22,150,177	401,283,950	1,465,773,786	78,735,777	129,980,110	-	2,097,923,800
26	November	2018	22,246,690	403,945,672	1,472,197,884	79,245,546	130,457,572	-	2,108,093,364
27	December	2018	21,469,717	406,167,442	1,478,141,688	79,793,777	130,857,101	-	2,116,429,724
28	13-month Average		21,703,949	393,377,703	1,440,607,936	76,619,263	128,012,738	-	2,060,321,589

Reserve for Depreciation of Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General	Common
		[B]	Company Records					
29	December	2017		449,074				
30	January	2018		439,791				
31	February	2018		430,508				
32	March	2018		421,225				
33	April	2018		411,942				
34	May	2018		402,659				
35	June	2018		393,376				
36	July	2018		384,093				
37	August	2018		374,810				
38	September	2018		365,527				
39	October	2018		356,243				
40	November	2018		346,960				
41	December	2018		337,677				
42	13-month Average		-	393,376	-	-	-	-

Notes:

[A] Taken to Attachment H-4A, page 2, lines 7-11, Col. 3

[B] Reference for December balances as would be reported in FERC Form 1.

[C] Balance excludes reserve for depreciation of asset retirement costs

		[1]	[2]	[3]	[4]	[5]	[6]	
ADIT Transmission Total (including Plant & Labor Related Transmission ADITs and applicable transmission adjustments from notes below)								
		Acct. No. 281	Acct. No. 282	Acct. No. 283	Acct. No. 190	Acct. No. 255	Total	
		(enter negative)	(enter negative)	(enter negative)		(enter negative)		
			[B]	[C]	[D]	[E]		
1	December 31	2017	-	(366,581,315)	(9,353,594)	10,802,978	(1,917,347)	(367,049,277)
2	December 31	2018	-	(369,862,488)	(8,610,888)	11,261,026	(1,786,148)	(368,998,497)
3	Begin/End Average	[A]	-	(368,221,901)	(8,982,241)	11,032,002	(1,851,748)	(368,023,887)

ADIT Total Transmission-related only, including Plant & Labor Related Transmission ADITs (prior to adjustments from notes below)								
		Acct. No. 281	Acct. No. 282	Acct. No. 283	Acct. No. 190	Acct. No. 255	Total	
4	December 31	2017 [H]	-	\$370,999,024.16	\$12,496,348.39	\$22,619,104.10	\$1,917,347.00	408,031,824
5	December 31	2018 [H]	-	\$379,622,891.64	\$11,524,999.12	\$23,164,549.02	\$1,786,148.00	416,098,588
6	Begin/End Average		-	375,310,958	12,010,674	22,891,827	1,851,748	412,065,206

Notes:

[A] Beginning/Ending Average with adjustments for FAS143, FAS106, FAS109, CIACs and normalization to populate Appendix H-4A, page 2, lines 19-23, col. 3 for accounts 281, 282, 283, 190, and 255, respectively

[B] FERC Account No. 282 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Normalization [G]
2017	-	-	4,417,709		-
2018	-	-	5,494,713		4,265,691
Begin/End Average	-	-	4,956,211		2,132,846

[C] FERC Account No. 283 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Normalization [G]
2017	-	-	3,142,755		-
2018	-	-	3,879,666		(965,555)
Begin/End Average	-	-	3,511,210		(482,778)

[D] FERC Account No. 190 is adjusted for the following items:

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Normalization [G]
2017	-	-	-	11,816,126	-
2018	-	-	-	11,308,037	595,486
Begin/End Average	-	-	-	11,562,081	297,743

[E] Based on prior elections and IRS rulings, the 3% Investment Tax Credit ("ITC") and the 4% ITC may be used to reduce rate base as well as utilizing amortization of the tax credits against taxable income.

As a result, only the 3% and 4% values in FERC Form 1 column (h) on page 267 should be reported under Acct. No. 255.

[G] Sourced from Attachment 5b, page 2, col. 4

[H] Sourced from Attachment 5a, page 1, lines 1-5, col. 6 for beginning balance and page 1, lines 1-5, col. 7 for ending balance

Jersey Central Power & Light Summary of Transmission ADIT (prior to adjusted items)						
Line	2	3	4	5	6	7
	Transmission Beginning	Transmission Ending	Beg Plant & Labor Related Allocated to Transmission	End Plant & Labor Related Allocated to Transmission	Total Transmission Beginning	Total Transmission Ending
	(Note F)	(Note F)	(page 1, col. K)	(page 1, col. L)	(col. 2 + col. 4) (Note E)	(col. 3 + col. 5) (Note E)
1 ADIT-282 From Account Subtotal Below	361,868,975	370,127,941	9,130,048.95	9,494,950.72	370,999,024.16	379,622,891.64
2 ADIT-283 From Account Subtotal Below	12,451,760	11,476,690	44,588.07	48,309.40	12,496,348.39	11,524,999.12
3 ADIT-190 From Account Subtotal Below	22,617,653	23,151,798	1,451.08	12,751.10	22,619,104.10	23,164,549.02
4 ADIT-281 From Account Subtotal Below	-	-	-	-	-	-
5 ADIT-255 From Account Subtotal Below	1,917,347	1,786,148	-	-	1,917,347.00	1,786,148.00
Total (sum rows 1-5)	398,855,736	406,542,577	9,176,088	9,556,011	408,031,824	416,098,588

Jersey Central Power & Light Calculation of Plant & Labor Related ADIT allocated to Transmission										
Line	F1	F2	G1	G2	H	I	J	K	L	M
	Beg Plant Related	End Plant Related	Beg Labor Related	End Labor Related	Plant & Labor Subtotal	Gross Plant Allocator	Wages & Salary Allocator	Beg Plant & Labor Related ADIT	End Plant & Labor Related ADIT	Beg/End Avg Plant & Labor Total
	(Note A)	(Note A)	(Note B)	(Note B)	Col. F1 + Col. F2 + Col. G1 + Col. G2	(Note C)	(Note D)	(Col. F1 * Col. J) + (Col. G1 * Col. J)	(Col. F2 * Col. J) + (Col. G2 * Col. J)	(Col. K + Col. L) / 2
1 ADIT- 282 From Account Total Below	37,304,152	38,795,092	-	-	76,099,244	24.47%	8.79%	9,130,048.95	9,494,950.72	9,312,499.83
2 ADIT-283 From Account Total Below	182,181	197,386	-	-	379,567	24.47%	8.79%	44,588.07	48,309.40	46,448.74
3 ADIT-190 From Account Total Below	5,929	52,099	-	-	58,028	24.47%	8.79%	1,451.08	12,751.10	7,101.09
4 ADIT-281 From Account Total Below	-	-	-	-	-	24.47%	8.79%	-	-	-
5 ADIT-255 From Account Total Below	-	-	-	-	-	24.47%	8.79%	-	-	-
6 Subtotal	37,492,262	39,044,577	-	-	76,536,839			9,176,088	9,556,011	9,366,049.66

- Notes
A From column F (beginning on page 2)
B From column G (beginning on page 2)
C Refers to Attachment H-4A, page 2, line 6, col. 4
D Refers to Attachment H-4A, page 4, line 16, col. 6
E Total Transmission Beginning taken to Attachment 5, line 4 and Total Transmission Ending taken to Attachment 5, line 5
F From column E (beginning on page 2) by account

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-F and each separate ADIT item will be listed. Dissimilar items with amounts exceeding \$100,000 will be listed separately.

For the 12 months ended 12/31/2018

A	B1	B2	B3	C	D	E	F	G	
Jersey Central Power & Light									
ADIT-190	Beq of Year Balance p234.18.b			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Distribution related									
Capitalized Interest	9,620,254					9,432,994	187,259		
Contribution in Aid of Construction	11,679,175					11,860,536	(181,330)		
Investment Tax Credit	1,324,153					1,324,153			
Subtotal	22,623,582					22,617,653	5,929		
ADIT-190	End of Year Balance p234.18.c			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Distribution related									
Capitalized Interest	10,757,869					10,579,252	178,617		
Contribution in Aid of Construction	11,212,484					11,339,002	(126,517)		
Investment Tax Credit	1,233,544					1,233,544			
Subtotal		23,203,897				23,151,798	52,099		

Instructions for Account 190:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

A	B1	B2	B3	C	D	E	F	G
PJM TRANSMISSION OWNER	Jersey Central Power & Light							
ADIT- 282	Beg of Year Balance			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related
	p274.9.b							
Distribution related								
263A Capitalized Overheads	57,183,421					57,183,421		
Accelerated Depreciation	281,152,728					248,778,562	32,374,166	
AFUDC	6,964,435					6,474,885	489,550	
AFUDC Equity (FAS109)	3,954,181					3,592,162	362,018	
Capitalized Interest	-					-	-	
Capitalized Tree Trimming	8,127,177					8,127,177	-	
Casualty Loss	9,628,816					9,628,816	-	
Contribution in Aid of Construction	-					-	-	
Other	(465,949)					1,254,247	(1,710,096)	
Pension and Capitalized Benefits	6,178,533					7,916,477	(1,737,944)	
Tax Repairs	25,776,926					18,152,244	7,624,682	
FAS109 Related to Property	662,760					760,984	(98,224)	
Subtotal	399,173,128					361,868,975	37,304,152	
ADIT- 282		End of Year Balance		Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related
		p275.9.k						
Distribution related								
263A Capitalized Overheads		63,310,048				63,310,048	-	
Accelerated Depreciation		291,313,666				257,006,573	34,307,093	
AFUDC		7,607,778				7,091,305	516,473	
AFUDC Equity (FAS109)		5,574,830				5,128,084	446,746	
Capitalized Interest		-				-	-	
Capitalized Tree Trimming		7,700,962				7,700,962	-	
Casualty Loss		8,132,008				8,132,008	-	
Contribution in Aid of Construction		-				-	-	
Other		(525,062)				1,075,165	(1,600,227)	
Pension and Capitalized Benefits		(7,763,027)				(4,080,486)	(3,682,541)	
Tax Repairs		33,380,612				24,485,582	8,895,030	
FAS109 Related to Property		191,218				278,700	(87,482)	
Subtotal		408,923,033				370,127,941	38,795,092	

Instructions for Account 282:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PJM TRANSMISSION OWNER

A

B1	B2	B3	C	D	E	F	G
Jersey Central Power & Light							

For the 12 months ended 12/31/2018

ADIT-283	Beq of Year Balance	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
	p276.19.b						
Distribution related							
AFUDC Equity Flow Thru (Gross up)	2,806,584			2,556,568	250,016		
Property FAS109	473,763			541,598	(67,835)		
Deferred Storm Costs	4,479,853			4,479,853			
Vegetation Management - Transmission	4,873,741			4,873,741			
Subtotal	12,633,941			12,451,760	182,181		

ADIT-283	End of Year Balance	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
	p277.19.k						
Distribution related							
AFUDC Equity Flow Thru (Gross up)	3,898,396			3,634,886	263,510		
Property FAS109	130,347			196,471	(66,124)		
Deferred Storm Costs	3,593,852			3,593,852			
Vegetation Management - Transmission	4,061,451			4,061,451			
Subtotal	11,674,075			11,476,690	197,386		

Instructions for Account 283:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PJM TRANSMISSION OWNER

For the 12 months ended 12/31/2018

A	B1	B2	B3	C	D	E	F	G	
	Jersey Central Power & Light								
ADIT-281	Beq of Year Balance p272.8.b			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
						-			
						-			
						-			
						-			
						-			
						-			
Subtotal						-			
ADIT-281	End of Year Balance p273.8.k			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
						-			
						-			
						-			
						-			
						-			
						-			
Subtotal						-			

Instructions for Account 281:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PJM TRANSMISSION OWNER

A	B1	B2	B3	C	D	E	F	G	
	Jersey Central Power & Light								
ADIT-255	Beq of Year Balance			Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
	p266.b								
Investment Tax Credit	1,917,347					1,917,347			
						-			
						-			
						-			
						-			
						-			
Subtotal	1,917,347					1,917,347			
ADIT-255		End of Year Balance		Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
		p267.h							
Investment Tax Credit		1,786,148				1,786,148			
						-			
						-			
						-			
						-			
						-			
Subtotal		1,786,148				1,786,148			

Instructions for Account 255:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
	2018 Quarterly Activity and Balances							
Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
10,802,978	(30,558)	10,772,421	917,778	11,690,199	61,588	11,751,787	104,725	11,856,512
Beginning 190 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
10,802,978	(23,107)		465,175		15,692		287	
Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
366,581,315	(218,896)	366,362,419	6,574,397	372,936,816	441,179	373,377,995	750,184	374,128,179
Beginning 282 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
366,581,315	(165,521)		3,332,229		112,410		2,055	
Beginning 283 Including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
9,353,594	49,548	9,403,142	(1,488,139)	7,915,002	(99,862)	7,815,140	(169,807)	7,645,333
Beginning 283 Including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
9,353,594	37,466		(754,262)		(25,444)		(465)	

2018 Activity	[1] Transmission-only (including plant and labor related ADIT allocated to transmission) FERC Form 1 - Year-End 2018	[2] Prorated year- end less FERC Form 1 Year- end	[3] Sum of FAS143, FAS106, FAS109, and CIAC from Attachment 5 notes	[4] Total Normalization to Attachment 5 (col. 2 - col. 3)	[5] Ending Balance for formula rate (col. 1 - col. 3. - col. 4)												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Pro-rated Total</td> <td style="width: 15%;">Pro-rated Ending 190</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">458,048</td> <td style="text-align: right;">11,261,026</td> <td style="text-align: right;">23,164,549</td> <td style="text-align: right;">11,903,523</td> <td style="text-align: right;">11,308,037</td> <td style="text-align: right;">595,486</td> </tr> </table>	Pro-rated Total	Pro-rated Ending 190					458,048	11,261,026	23,164,549	11,903,523	11,308,037	595,486					11,261,026
Pro-rated Total	Pro-rated Ending 190																
458,048	11,261,026	23,164,549	11,903,523	11,308,037	595,486												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Pro-rated Total</td> <td style="width: 15%;">Pro-rated Ending 282</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">3,281,173</td> <td style="text-align: right;">369,862,488</td> <td style="text-align: right;">379,622,892</td> <td style="text-align: right;">9,760,404</td> <td style="text-align: right;">5,494,713</td> <td style="text-align: right;">4,265,691</td> </tr> </table>	Pro-rated Total	Pro-rated Ending 282					3,281,173	369,862,488	379,622,892	9,760,404	5,494,713	4,265,691					369,862,488
Pro-rated Total	Pro-rated Ending 282																
3,281,173	369,862,488	379,622,892	9,760,404	5,494,713	4,265,691												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Pro-rated Total</td> <td style="width: 15%;">Pro-rated Ending 283</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">(742,706)</td> <td style="text-align: right;">8,610,888</td> <td style="text-align: right;">11,524,999</td> <td style="text-align: right;">2,914,111</td> <td style="text-align: right;">3,879,666</td> <td style="text-align: right;">(965,555)</td> </tr> </table>	Pro-rated Total	Pro-rated Ending 283					(742,706)	8,610,888	11,524,999	2,914,111	3,879,666	(965,555)					8,610,888
Pro-rated Total	Pro-rated Ending 283																
(742,706)	8,610,888	11,524,999	2,914,111	3,879,666	(965,555)												

1 **Calculation of PBOP Expenses**

2 **JCP&L**

3	Total FirstEnergy PBOP expenses	-\$108,686,300
4	Labor dollars (FirstEnergy)	\$2,024,261,894
5	cost per labor dollar (line 3 / line 4)	-\$0.0537
6	labor (labor not capitalized) current year	4,784,453
7	PBOP Expense for current year (line 5 * line 6)	-\$256,886
8	PBOP expense in all O&M and A&G accounts for current year	2,418
9	PBOP Adjustment for Attachment H-4A, page 3, line 9 (line 7 - line 8)	(259,304)

10 Lines 3-4 cannot change absent approval or acceptance by FERC in a separate proceeding

Taxes Other than Income Calculation

		[A]	Dec 31, 2018
1	Payroll Taxes		
1a	FICA & unemployment taxes	263.i	10,916,820
1b		263.i	
1c		263.i	
1d		263.i	
1z	Payroll Taxes Total		10,916,820
2	Highway and Vehicle Taxes		
2a	Federal Excise Tax	263.i	6,112
2z	Highway and Vehicle Taxes		6,112
3	Property Taxes		
3a	New Jersey Property Tax	263.i	6,164,852
3b	PA PURTA Tax	263.i	73
3c		263.i	-
3d		263.i	-
3z	Property Taxes		6,164,926
4	Gross Receipts Tax		
4a	Gross Receipts Tax	263.i	-
4z	Gross Receipts Tax		-
5	Other Taxes		
5a	Sales & Use Tax	263.i	3,024
5b		263.i	
5c		263.i	
5d			-
5z	Other Taxes		3,024
6z	Payments in lieu of taxes		
7	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z) [tie to 114.14c]		\$17,090,881.57

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

Capital Structure Calculation

For the 12 months ended 12/31/2018

		[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Proprietary	Preferred Stock	Account 216.1	Account 219	Goodwill	Common Stock	Long Term Debt
		Capital						
	[A]	112.16.c	112.3.c	112.12.c	112.15.c	233.5.f	(1) - (2) - (3) - (4) - (5)	112.24.c
1	December 2017	3,214,133,400	-	(42,148)	(2,012,923)	1,810,936,125	1,405,252,346	1,694,643,688
2	January 2018	3,224,759,194		(42,148)	(2,018,800)	1,810,936,125	1,415,884,017	1,694,693,515
3	February 2018	3,233,770,097		(42,148)	(2,024,676)	1,810,936,125	1,424,900,797	1,694,743,340
4	March 2018	3,242,383,884		(42,148)	(2,030,553)	1,810,936,125	1,433,520,460	1,694,793,165
5	April 2018	3,250,956,544		(42,148)	(2,036,429)	1,810,936,125	1,442,098,996	1,694,842,990
6	May 2018	3,262,670,506		(42,148)	(2,042,354)	1,810,936,125	1,453,818,883	1,694,892,815
7	June 2018	3,285,259,232		(42,148)	(2,071,259)	1,810,936,125	1,476,436,514	1,544,939,303
8	July 2018	3,313,813,949		(42,148)	(2,100,164)	1,810,936,125	1,505,020,135	1,544,982,870
9	August 2018	3,340,074,755		(42,148)	(2,129,068)	1,810,936,125	1,531,309,846	1,545,026,438
10	September 2018	3,357,014,924		(42,148)	(2,157,973)	1,810,936,125	1,548,278,920	1,545,070,006
11	October 2018	3,366,296,220		(42,148)	(2,186,878)	1,810,936,125	1,557,589,120	1,545,113,573
12	November 2018	3,377,314,714		(42,148)	(2,215,782)	1,810,936,125	1,568,636,520	1,545,157,141
13	December 2018	3,406,437,903		(42,148)	(2,244,687)	1,810,936,125	1,597,788,613	1,545,200,708
14	13-month Average	3,298,068,102	-	(42,148)	(2,097,811)	1,810,936,125	1,489,271,936	1,614,161,504

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

Stated Value Inputs

**Formula Rate Protocols
Section VIII.A**

1. Rate of Return on Common Equity ("ROE")

JCP&L's stated ROE is set to: 11.0%

2. Postretirement Benefits Other Than Pension ("PBOP")

sometimes referred to as Other Post Employment Benefits, or "OPEB"

Total FirstEnergy PBOP expenses	-\$108,686,300
Labor dollars (FirstEnergy)	\$2,024,261,894

3. Depreciation Rates

FERC Account	<u>Depr. %</u>
350.2	1.44%
352	1.33%
353	2.21%
354	1.29%
355	1.93%
356	2.60%
356.1	1.22%
357	1.53%
358	1.76%
359	1.21%
303	14.29%
390.1	1.61%
390.2	0.46%
391	10.91%
391.15	0.96%
391.2	6.39%
392	11.29%
393	3.13%
394	6.17%
395	16.27%
396	2.35%
397	5.13%
398	1.36%

Debt Cost Calculation

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT										
YEAR ENDED 12/31/2018										
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Long Term Debt t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds At Issuance (table 2, col. hh)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z** ((col. e. * col. f)/12)	Weighted Outstanding Ratios (col. g/col. q total)	Effective Cost Rate (Table 2, Col. ll)	Weighted Debt Cost at t = N (h) * (i)
First Mortgage Bonds:										
(1) 4.00% Series	5/19/2003	6/15/2018	\$ 150,000,000	\$ 147,492,184	\$ 148,924,936	5.5	\$ 68,715,595.86	4.29%	4.96%	0.21%
(2) 6.40% Series	5/12/2006	5/15/2036	\$ 200,000,000	\$ 196,437,127	\$ 197,817,345	12	\$ 197,817,344.76	12.31%	6.54%	0.80%
(3) 6.15% Series	5/16/2007	6/1/2037	\$ 300,000,000	\$ 295,979,779	\$ 297,395,617	12	\$ 297,395,617.33	18.50%	6.25%	1.16%
(4) 7.35% Series	1/27/2009	2/1/2019	\$ 300,000,000	\$ 297,350,139	\$ 299,714,597	12	\$ 299,714,596.87	18.65%	7.48%	1.39%
(5) 4.70% Series	9/21/2013	4/1/2024	\$ 500,000,000	\$ 493,197,650	\$ 495,987,210	12	\$ 495,987,210.35	30.86%	4.87%	1.50%
(6) 4.30% Series	8/18/2015	1/15/2026	\$ 250,000,000	\$ 247,086,512	\$ 247,745,239	12	\$ 247,745,238.66	15.41%	4.44%	0.68%
			\$ 1,700,000,000		\$ 1,688,584,944		\$ 1,607,375,604	100.000%		5.75% **

t = time
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.
* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).
** This Total Weighted Average Debt Cost will be shown on page 4, line #4-22, column 5 of formula rate Attachment H-4A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED 12/31/2018												
Long Term Debt Affiliate	(aa) Issue Date	(bb) Maturity Date	(cc) Amount Issued	(dd) (Discount) Premium at Issuance	(ee) Issuance Expense	(ff) Loss/Gain on Reacquired Debt	(gg) Less Related ADIT	(hh) Net Proceeds (col. cc + col. dd + col. ee + col. ff)	(ii) Net Proceeds Ratio ((col. cc / col. hh)*100)	(jj) Coupon Rate	(kk) Annual Interest (col. cc * col. jj)	(ll) Effective Cost Rate (Yield to Maturity at Issuance, t = 0)
(1) 1st Mortgage Bonds:	5/19/2003	6/15/2018	\$ 150,000,000	\$ (1,148,000)	\$ 1,358,816	-	xxx	\$ 147,492,184	98.3281	0.0480	\$ 7,200,000	4.96%
(2) 4.80% Series	5/12/2006	5/15/2036	\$ 200,000,000	\$ (1,218,000)	\$ 2,348,873	-		\$ 196,437,127	98.2186	0.0640	\$ 12,800,000	6.54%
(3) 6.40% Series	5/16/2007	6/1/2037	\$ 300,000,000	\$ (3,693,000)	\$ 327,221	-		\$ 295,979,779	98.6599	0.0615	\$ 18,450,000	6.25%
(4) 6.15% Series	1/27/2009	2/1/2019	\$ 300,000,000	\$ (381,000)	\$ 2,268,861	-		\$ 297,350,139	99.1167	0.0735	\$ 22,050,000	7.48%
(5) 7.35% Series	9/21/2013	4/1/2024	\$ 500,000,000	\$ (2,595,000)	\$ 4,207,350	-		\$ 493,197,650	98.6395	0.0470	\$ 23,500,000	4.87%
(6) 4.70% Series	8/18/2015	1/15/2026	\$ 250,000,000	\$ (800,000)	\$ 2,113,488	-		\$ 247,086,512	98.8346	0.0430	\$ 10,750,000	4.44%
TOTALS			\$ 1,700,000,000	\$ (9,834,000)	\$ 12,622,609	-	xxx	\$ 1,677,543,391			\$ 94,750,000	

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation
Effective Cost Rate of Individual Debenture (YTM at issuance): the t=0 Cashflow C₀ equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C_{1/2}, etc.).

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-4A

(1) Line No.	(2) Reference	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total Attach. H-4A, p. 2, line 2, col. 5 (Note A)	\$ 1,534,222,936	
2	Net Transmission Plant - Total Attach. H-4A, p. 2, line 14, col. 5 (Note B)	\$ 1,141,238,609	
O&M EXPENSE			
3	Total O&M Allocated to Transmission Attach. H-4A, p. 3, line 15, col. 5	\$ 33,956,327	
4	Annual Allocation Factor for O&M (line 3 divided by line 1, col. 3)	2.213259%	2.213259%
GENERAL, INTANGIBLE, AND COMMON (G, I, & C) DEPRECIATION EXPENSE			
5	Total G, I, & C depreciation expense Attach. H-4A, p. 3, lines 17 & 18, col. 5	\$ 3,213,956	
6	Annual allocation factor for G, I, & C depreciation expense (line 5 divided by line 1, col. 3)	0.209484%	0.209484%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes Attach. H-4A, p. 3, line 28, col. 5	\$ 2,469,217	
8	Annual Allocation Factor for Other Taxes (line 7 divided by line 1, col. 3)	0.160943%	0.160943%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, & 8	2.583686%
INCOME TAXES			
10	Total Income Taxes Attach. H-4A, p. 3, line 39, col. 5	\$ 30,751,261	
11	Annual Allocation Factor for Income Taxes (line 10 divided by line 2, col. 3)	2.694551%	2.694551%
RETURN			
12	Return on Rate Base Attach. H-4A, p. 3, line 40, col. 5	\$ 69,211,533	
13	Annual Allocation Factor for Return on Rate Base (line 12 divided by line 2, col. 3)	6.064598%	6.064598%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	8.759149%

Columns 5-9 (page 1) only applies with incentive ROE project(s) (Note F)				
(5) Line No.	(6)	(7) Reference	(8) Transmission	(9) Allocator
INCOME TAXES				
10b	Total Income Taxes	Attachment 2, line 33	\$ 30,751,261	
11b	Annual Allocation Factor for Income Taxes	(line 10b divided by line 2, col. 3)	2.694551%	2.694551%
RETURN				
12b	Return on Rate Base	Attachment 2, line 22	\$ 69,211,533	
13b	Annual Allocation Factor for Return on Rate Base	(line 12b divided by line 2, col. 3)	6.064598%	6.064598%
14b	Annual Allocation Factor for Return	Sum of line 11b and 13b		8.759149%
15	Additional Annual Allocation Factor for Return	Line 14 b, col. 9 less line 14, col. 4		0.00000%

Transmission Enhancement Charge (TEC) Worksheet
 To be completed in conjunction with Attachment H-4A

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	Incentive Annual Allocation Factor for Return (Note F)	Total Annual Revenue Requirement	True-up Adjustment	Net Revenue Requirement with True-up	
			(Note C & H)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D & H)	Page 1, line 14	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8, & 9)	(Col. 6 * Page 1, line 15, Col. 9)	(Sum Col. 10 & 11)	(Note G)	(Sum Col. 12 & 13)	
2a	Upgrade the Portland - Greystone 230kV circuit	b0174	\$ 12,588,193	2.583686%	\$325,239	\$ 10,248,463	8.759149%	\$897,678	\$ 326,034	\$1,548,952	0	\$1,548,952		\$1,548,952	
2b	Reconductor the 8 mile Gilbert - Glen Gardner 230 kV circuit	b0298	\$ 5,984,794	2.583686%	\$164,628	\$ 5,199,109	8.759149%	\$455,398	\$ 155,604	\$765,630	0	\$765,630		\$765,630	
2c	Add a 2nd Rantan River 230/115 kV transformer	b0739	\$ 7,335,690	2.583686%	\$195,521	\$ 6,813,957	8.759149%	\$596,936	\$ 192,119	\$946,485	0	\$946,485		\$946,485	
2d	Build a new 230 kV circuit from Larrabee to Coconawine	b2015	\$ 154,806,153	2.583686%	\$3,999,704	\$ 151,077,934	8.759149%	\$13,276,938	\$3,427,924.41	\$20,704,566	0	\$20,704,566		\$20,704,566	
2e	Implement high speed relaying utilizing OPGW on Deans - East Windsor 500 kV and East Windsor - New Freedom 500 kV lines	b2633.6_DFAX_Allocation	\$ -	2.583686%	\$0	\$ -	8.759149%	\$0	\$0.00	\$0	0	\$0		\$0	
2f	Implement high speed relaying utilizing OPGW on Deans - East Windsor 500 kV and East Windsor - New Freedom 500 kV lines	b2633.6_Load_Ratio_Share_Allocation	\$ -	2.583686%	\$0	\$ -	8.759149%	\$0	\$0.00	\$0	0	\$0		\$0	
2g	Replace wave traps at Rantan River and Deep Run 115 kV substations with higher rated equipment for both B2 and C3 circuits	b1374	\$ 12,318	2.583686%	\$318	\$ 11,828	8.759149%	\$1,036	\$380.85	\$1,635	0	\$1,635		\$1,635	
3	Transmission Enhancement Credit taken to Attachment H-4A Page 1, Line 7														
4	Additional Incentive Revenue taken to Attachment H-4A, Page 3, Line 42														
										\$0.00		23,969,268.70			

Notes

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-4A.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-4A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 above. This value includes subsequent capital investments required to maintain the project in-service.
- D Project Net Plant is the Project Gross Plant identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-4A, page 3, line 16.
- F Any actual ROE incentive must be approved by the Commission.
- G True-up adjustment is calculated on the project true-up schedule, attachment 12 column 1
- H Based on a 13-month average

TEC Worksheet Support
Net Plant Detail

Line No.	Project Name	RTEP Project Number	Project Gross Plant	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
(Note A)																
2a	Upgrade the Portland – Greystone 230kV circuit	b0174	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193
2b	Reconductor the 8 mile Gilbert – Glen Gardner 230 kV circuit	b0268	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784	\$ 5,984,784
2c	Add a 2nd Raritan River 230/115 kV transformer	b0726	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680	\$ 7,335,680
2d	Build a new 230 kV circuit from Larrabee to Oceanview	b2015	\$ 154,806,153	\$135,378,987	\$135,378,987	\$135,378,987	\$135,378,987	\$135,378,987	\$166,948,131	\$166,948,131	\$166,948,131	\$166,948,131	\$166,948,131	\$166,948,131	\$166,948,131	\$166,948,131
2e	Implement high speed relaying utilizing OPGW on Deans - East Windsor 500 kV and East Windsor - New Freedom 500 kV lines	b2633.6_DFAX_Allocation	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2f	Implement high speed relaying utilizing OPGW on Deans - East Windsor 500 kV and East Windsor - New Freedom 500 kV lines	b2633.6_Load_Ratio_Share_Allocation	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2g	Deep Run 115 kV substations with higher rated equipment for both B2 and C3 circuits	b1374	\$ 12,318	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00	\$12,318.00

NOTE

[A] Project Gross Plant is the total capital investment for the project, including subsequent capital investments required to maintain the project in-service. Utilizing a 13-month average.

TEC Worksheet Support
Net Plant Detail

Attachment H-4A, Attachment 11a
page 2 of 2
For the 12 months ended 12/31/2018

Accumulated Depreciation (Note B)	Dec-17 (Note D)	Jan-18 (Note D)	Feb-18 (Note D)	Mar-18 (Note D)	Apr-18 (Note D)	May-18 (Note D)	Jun-18 (Note D)	Jul-18 (Note D)	Aug-18 (Note D)	Sep-18 (Note D)	Oct-18 (Note D)	Nov-18 (Note D)	Dec-18 (Note D)	Project Net Plant (Note B & C)
\$2,339,730.20	\$ 2,176,713	\$ 2,203,883	\$ 2,231,052	\$ 2,258,222	\$ 2,285,391	\$ 2,312,561	\$ 2,339,730	\$ 2,366,900	\$ 2,394,069	\$ 2,421,239	\$ 2,448,408	\$ 2,475,578	\$ 2,502,747	\$10,248,463
\$785,675.23	\$ 707,873	\$ 720,840	\$ 733,807	\$ 746,774	\$ 759,741	\$ 772,708	\$ 785,675	\$ 798,642	\$ 811,609	\$ 824,576	\$ 837,543	\$ 850,510	\$ 863,477	\$5,199,109
\$521,822.41	\$ 440,763	\$ 454,273	\$ 467,783	\$ 481,293	\$ 494,803	\$ 508,313	\$ 521,822	\$ 535,332	\$ 548,842	\$ 562,352	\$ 575,862	\$ 589,372	\$ 602,882	\$6,813,857
\$3,228,218.18	\$1,589,167	\$1,838,490	\$2,087,813	\$2,337,136	\$2,586,459	\$2,864,852	\$3,172,314	\$3,479,777	\$3,787,240	\$4,094,703	\$4,402,166	\$4,709,629	\$5,017,091	\$151,577,934
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
\$490.02	\$349.59	\$373.00	\$396.40	\$419.81	\$443.21	\$466.61	\$490.02	\$513.42	\$536.83	\$560.23	\$583.64	\$607.04	\$630.44	\$11,828

NOTE

[B] Utilizing a 13-month average.

[C] Taken to Attachment 11, Page 2, Col. 6

[D] Company records

TEC - True-up

To be completed after Attachment 11 for the True-up Year is updated using actual data

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Line No.	Project Name	RTEP Project Number	Actual Revenues for Attachment 11	Projected Annual Revenue Requirement	% of Total Revenue Requirement	Revenue Received	Actual Annual Revenue Requirement	True-up Adjustment Principal Over/(Under)	Applicable Interest Rate on Over/(Under)	Total True-up Adjustment with Interest Over/(Under)
				Projected Attachment 11 p 2 of 2, col. 14	Col d, line 2 / Col. d, line 3	Col c, line 1 * Col e	Actual Attachment 11 p 2 of 2, col. 14	Col. f - Col. G	Col. H line 2x / Col. H line 3 * Col. J line 4	Col. h + Col. i
1	[A] Actual RTEP Credit Revenues for true-up year		0							
2a	Project 1			-	-	-	-	-	#DIV/0!	#DIV/0!
2b	Project 2				-	-		-	#DIV/0!	#DIV/0!
2c	Project 3				-	-		-	#DIV/0!	#DIV/0!
3	Subtotal			-			-	-		#DIV/0!
4	Total Interest (Sourced from Attachment 13a, line 30)									-

NOTE

[A] Amount included in revenues reported on pages 328-330 of FERC Form 1.

Net Revenue Requirement True-up with Interest

Reconciliation Revenue Requirement For Year 2015 Available May 1, 2016 \$0	-	2015 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2014 \$0	=	True-up Adjustment - Over (Under) Recovery \$0
---	---	--	---	---

	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2 Interest Rate on Amount of Refunds or Surcharges ^[A]		0.0000%				

An over or under collection will be recovered prorata over 2015, held for 2016 and returned prorata over 2017

<u>Calculation of Interest</u>				Monthly			
3	January	Year 2015	-	0.0000%	12	-	-
4	February	Year 2015	-	0.0000%	11	-	-
5	March	Year 2015	-	0.0000%	10	-	-
6	April	Year 2015	-	0.0000%	9	-	-
7	May	Year 2015	-	0.0000%	8	-	-
8	June	Year 2015	-	0.0000%	7	-	-
9	July	Year 2015	-	0.0000%	6	-	-
10	August	Year 2015	-	0.0000%	5	-	-
11	September	Year 2015	-	0.0000%	4	-	-
12	October	Year 2015	-	0.0000%	3	-	-
13	November	Year 2015	-	0.0000%	2	-	-
14	December	Year 2015	-	0.0000%	1	-	-
						-	-
				Annual			
15	January through December	Year 2016	-	0.0000%	12	-	-
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly			
16	January	Year 2017	-	0.0000%	-	-	-
17	February	Year 2017	-	0.0000%	-	-	-
18	March	Year 2017	-	0.0000%	-	-	-
19	April	Year 2017	-	0.0000%	-	-	-
20	May	Year 2017	-	0.0000%	-	-	-
21	June	Year 2017	-	0.0000%	-	-	-
22	July	Year 2017	-	0.0000%	-	-	-
23	August	Year 2017	-	0.0000%	-	-	-
24	September	Year 2017	-	0.0000%	-	-	-
25	October	Year 2017	-	0.0000%	-	-	-
26	November	Year 2017	-	0.0000%	-	-	-
27	December	Year 2017	-	0.0000%	-	-	-
						-	-
28	True-Up with Interest					\$	-
29	Less Over (Under) Recovery					\$	-
30	Total Interest					\$	-

[A] Interest rate equal to: (i) JCP&L's actual short-term debt costs capped at the interest rate determined by 18 C.F.R. 35.19a; or (ii) the interest rate determined by 18 C.F.R. 35.19, if JCP&L does not have short term debt

Other Rate Base Items

		[1]	[2]	[3]	[4]	[5]	[6]
		Land Held for Future Use	Materials & Supplies	Prepayments (Account 165)		Total	
	[A]	214.x.d	227.8.c & .16.c	111.57.c [C]			
1	December 31	2017	-	-	2,065,755	2,065,755	
2	December 31	2018	-	-	2,065,755	2,065,755	
3	Begin/End Average		-	-	2,065,755	2,065,755	

Unfunded Reserve - Plant Related

	FERC Acct No.	228.1	228.2	228.3	228.4	242	Total
	[A] [D]	112.27.c	112.28.c	112.29.c	112.30.c	113.48.c	
4	December 31	2017	-	-	-	-	-
5	December 31	2018	-	-	-	-	-
6	Begin/End Average		-	-	-	-	-

Unfunded Reserve - Labor Related

	FERC Acct No.	228.1	228.2	228.3	228.4	242	Total
	[A] [D]	112.27.c	112.28.c	112.29.c	112.30.c	113.48.c [B]	
7	December 31	2017	-	-	-	-	-
8	December 31	2018	-	-	-	-	-
9	Begin/End Average		-	-	-	-	-

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

[B] Values entered under FERC Account No. 242, classified as Unfunded Reserve - Labor Related, are limited to Vacation Accruals and Employee Incentive Compensation.

[C] Prepayments shall exclude prepayments of income taxes.

[D] Includes transmission-related balance only

[1]	Income Tax Adjustments			[4]	[5]
	[2]	[3]	Beg/End Average [C]	Dec 31, 2017	Dec 31, 2018
1 Tax adjustment for Permanent Differences & AFUDC Equity	[A]	175,500	175,500	161,000	\$190,000
2 Amortized Excess Deferred Taxes (enter negative)	[B]	-	-	-	\$0
3 Amortized Deficient Deferred Taxes	[B]	-	-	-	\$0

Notes:

[A] AFUDC equity component is the gross cumulative annual amount based upon tax records of capitalized AFUDC equity embedded in the gross plant attributable to the transmission function.

[B] Upon enactment of changes in tax law, income tax rates (including changes in apportionment) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes. Amounts to be included will be January 1, 2017 and thereafter.

[C] Beg/End Average for line 1 taken to Attachment H-4A, page 3, line 33; Beg/End Average for lines 2-3 taken to Attachment H-4A, page 3, line 34

		Regulatory Asset - Storms					
[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance	
1	Monthly Balance	Source					
2	December 2017	p232 (and Notes)	61			10,966,591.67	
3	January	FERC Account 182.3	60	10,966,592	182,776.53	-	10,783,815.14
4	February	FERC Account 182.3	59	10,783,815	182,776.53	-	10,601,038.61
5	March	FERC Account 182.3	58	10,601,039	182,776.53	-	10,418,262.08
6	April	FERC Account 182.3	57	10,418,262	182,776.53	-	10,235,485.56
7	May	FERC Account 182.3	56	10,235,486	182,776.53	-	10,052,709.03
8	June	FERC Account 182.3	55	10,052,709	182,776.53	-	9,869,932.50
9	July	FERC Account 182.3	54	9,869,933	182,776.53	-	9,687,155.97
10	August	FERC Account 182.3	53	9,687,156	182,776.53	-	9,504,379.44
11	September	FERC Account 182.3	52	9,504,379	182,776.53	-	9,321,602.92
12	October	FERC Account 182.3	51	9,321,603	182,776.53	-	9,138,826.39
13	November	FERC Account 182.3	50	9,138,826	182,776.53	-	8,956,049.86
14	December 2018	p232 (and Notes)	49	8,956,050	182,776.53	-	8,773,273.33
15	Ending Balance 13-Month Average (sum lines 2-14) /13				\$2,193,318.33	-	\$9,869,932.50

Attachment H-4A, page 3, line 12

Attachment H-4A, page 2, Line 27

Regulatory Asset - Vegetation Management

[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance
1	Monthly Balance	Source				
2	December 2017	p232 (and Notes)	73			11,930,822.57
3	January	FERC Account 182.3	72	11,930,823	165,705.87	-
4	February	FERC Account 182.3	71	11,765,117	165,705.87	-
5	March	FERC Account 182.3	70	11,599,411	165,705.87	-
6	April	FERC Account 182.3	69	11,433,705	165,705.87	-
7	May	FERC Account 182.3	68	11,267,999	165,705.87	-
8	June	FERC Account 182.3	67	11,102,293	165,705.87	-
9	July	FERC Account 182.3	66	10,936,587	165,705.87	-
10	August	FERC Account 182.3	65	10,770,881	165,705.87	-
11	September	FERC Account 182.3	64	10,605,176	165,705.87	-
12	October	FERC Account 182.3	63	10,439,470	165,705.87	-
13	November	FERC Account 182.3	62	10,273,764	165,705.87	-
14	December 2018	p232 (and Notes)	61	10,108,058	165,705.87	-
15	Ending Balance 13-Month Average (sum lines 2-14) /13			<u>\$1,988,470.43</u>	-	<u>\$10,936,587.36</u>

Attachment H-4A, page 3, line 12

Attachment H-4A, page 2, Line 27

		Regulatory Asset - Formula Rate Development Costs				
[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance
1	Monthly Balance	Source				
2	December 2017	p232 (and Notes)	13			-
3	January	FERC Account 182.3	12	-	-	-
4	February	FERC Account 182.3	11	-	-	-
5	March	FERC Account 182.3	10	-	-	-
6	April	FERC Account 182.3	9	-	-	-
7	May	FERC Account 182.3	8	-	-	-
8	June	FERC Account 182.3	7	-	-	-
9	July	FERC Account 182.3	6	-	-	-
10	August	FERC Account 182.3	5	-	-	-
11	September	FERC Account 182.3	4	-	-	-
12	October	FERC Account 182.3	3	-	-	-
13	November	FERC Account 182.3	2	-	-	-
14	December 2018	p232 (and Notes)	1	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13		<u>\$0.00</u>	-	<u>\$0.00</u>
				Attachment H-4A, page 3, line 12		Attachment H-4A, page 2, Line 27

		Abandoned Plant				
[1]	[2]	[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (p114.10.c)	[6] Additions (Deductions)	[7] Ending Balance
1	Monthly Balance	Source				
2	December 2017	p111.71.d (and Notes)	13	-	-	-
3	January	FERC Account 182.2	12	-	-	-
4	February	FERC Account 182.2	11	-	-	-
5	March	FERC Account 182.2	10	-	-	-
6	April	FERC Account 182.2	9	-	-	-
7	May	FERC Account 182.2	8	-	-	-
8	June	FERC Account 182.2	7	-	-	-
9	July	FERC Account 182.2	6	-	-	-
10	August	FERC Account 182.2	5	-	-	-
11	September	FERC Account 182.2	4	-	-	-
12	October	FERC Account 182.2	3	-	-	-
13	November	FERC Account 182.2	2	-	-	-
14	December 2018	p230b	1	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13		<u>\$0.00</u>		<u>\$0.00</u>

Attachment H-4A, page 3, Line 19

Attachment H-4A, page 2, Line 28

Note:

Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC and will be zero until the Commission accepts or approves recovery of the cost of abandoned plant

			CWIP
			[A]
			216.b
1	December	2017	
2	January	2018	
3	February	2018	
4	March	2018	
5	April	2018	
6	May	2018	
7	June	2018	
8	July	2018	
9	August	2018	
10	September	2018	
11	October	2018	
12	November	2018	
13	December	2018	
14	13-month Average		-

Notes:

[A] Includes only CWIP authorized by the Commission for inclusion in rate base.

Federal Income Tax Rate

Nominal Federal Income Tax Rate 35.00%
(entered on Attachment H-4A,
page 5 of 5, Note K)

State Income Tax Rate

	New Jersey	Combined Rate (entered on Attachment H-4A, page 5 of 5, Note K)
Nominal State Income Tax Rate	9.00%	
Times Apportionment Percentage	100.00%	
Combined State Income Tax Rate	<u>9.000%</u>	<u>9.000%</u>