

Comparison Page - Cost Allocation to Acquireds March vs. December

	March	December	Increase/Decrease
Distribution Revenue at Existing Rates			
Miscellaneous Revenue (mi)			
Total Revenue at Existing Rates	\$32,763,683	\$32,699,436	(\$64,247)
Factor required to recover deficiency (1 + D)			
Distribution Revenue at Status Quo Rates			
Miscellaneous Revenue (mi)			
Total Revenue at Status Quo Rates	\$34,501,329	\$34,356,881	(\$144,448)
Expenses			
Distribution Costs (di)	\$8,778,725	\$7,099,199	(\$1,679,527)
Customer Related Costs (cu)	\$4,362,162	\$4,321,189	(\$40,973)
General and Administration (ad)	\$4,974,721	\$4,345,552	(\$629,169)
Subtotal OM&A	\$18,115,609	\$15,765,940	(\$2,349,669)
Depreciation and Amortization (dep)	\$12,725,555	\$11,455,438	(\$1,270,117)
PILs (INPUT)	\$1,659,802	\$1,577,467	(\$82,336)
Interest	\$5,432,076	\$4,898,101	(\$533,975)
Total Expenses	\$37,933,042	\$33,696,945	(\$4,236,097)
Direct Allocation			
Allocated Net Income (NI)			
Revenue Requirement (Includes NI)	\$46,239,533	\$41,225,418	(\$5,014,115)
Rate Base Calculation			
Net Assets			
Distribution Plant - Gross			
General Plant - Gross			
Accumulated Depreciation			
Capital Contribution			
Total Net Plant	\$349,098,688	\$347,429,161	(\$1,669,528)
Directly Allocated Net Fixed Assets			
Cost of Power (COP)			
OM&A Expenses			
Directly Allocated Expenses			
Subtotal	\$181,827,819	\$179,478,150	(\$2,349,669)
Working Capital			
Total Rate Base	\$363,342,666	\$361,505,870	(\$1,836,796)
Equity Component of Rate Base			
Net Income on Allocated Assets			
Net Income on Direct Allocation Assets			
Net Income	(\$4,073,226)	\$18,423	\$4,091,649
RATIOS ANALYSIS			
REVENUE TO EXPENSES STATUS QUO%	0.75	0.83	
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$13,475,850)	(\$8,525,982)	\$4,949,868
STATUS QUO REVENUE MINUS ALLOCATED COST	(\$11,738,205)	(\$6,868,537)	\$4,869,667



2021 Cost Allocation Model

EB-2017-0049

Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:

Please see the first tab in this workbook for detailed instructions.

Class Revenue, Cost Analysis, and Return on Rate

Rate Base	14	15	16	17	18	19	Totals
Assets	AUR	AUGe	AUGd	AR	AG8a	AG8d	0
Disturbance Revenue at Existing Rates	\$5,508,810	\$1,032,227	\$1,363,942	\$18,389,325	\$3,747,248	\$3,320,293	
Miscellaneous Revenue (m)	\$267,552	\$46,673	\$57,369	\$744,839	\$150,945	\$104,630	
Total Revenue at Existing Rates	\$5,776,362	\$1,078,899	\$1,421,312	\$19,134,164	\$3,898,193	\$3,424,923	\$32,763,683
Factor required to recover deficiency (1 + D)							
Distribution Revenue at Status Quo Rates	\$5,813,332	\$1,089,304	\$1,460,349	\$17,307,120	\$3,954,672	\$3,504,083	
Miscellaneous Revenue (m)	\$267,552	\$46,673	\$57,369	\$744,839	\$150,945	\$104,630	
Total Revenue at Status Quo Rates	\$6,080,884	\$1,136,037	\$1,517,718	\$18,051,959	\$4,105,617	\$3,608,713	\$34,601,529
Expenses							
Disturbance Costs (d)	\$1,288,203	\$325,194	\$584,761	\$4,389,717	\$984,061	\$1,205,788	\$8,778,725
Customer Related Costs (cu)	\$995,460	\$157,535	\$50,250	\$2,553,086	\$491,616	\$110,215	\$4,332,162
General and Administration (ad)	\$633,247	\$179,087	\$326,276	\$2,548,911	\$547,390	\$537,810	\$4,973,721
Subtotal OM&A							\$18,115,609
Depreciation and Amortization (dep)	\$1,682,865	\$560,762	\$1,048,070	\$5,731,439	\$1,521,280	\$2,151,110	\$12,725,555
PfLs (INPUT)	\$216,225	\$67,228	\$112,412	\$789,806	\$205,241	\$268,802	\$1,059,802
Interest	\$707,046	\$220,011	\$307,804	\$2,584,818	\$671,608	\$380,011	\$5,432,076
Total Expenses	\$5,728,647	\$1,533,636	\$2,461,871	\$18,697,779	\$4,421,284	\$5,165,826	\$37,933,943
Direct Allocation	\$0	\$0	\$466,187	\$0	\$0	\$185,326	
Allocated Net Income (NI)	\$698,531	\$310,449	\$519,120	\$3,647,330	\$947,802	\$1,241,747	
Revenue Requirement (Includes NI)	\$6,727,178	\$1,850,284	\$3,466,077	\$22,245,109	\$5,369,086	\$6,586,869	\$46,239,633
Rate Base Calculation							
Net Assets							
Distribution Plant - Gross	\$79,898,217	\$28,798,358	\$80,561,761	\$220,494,409	\$54,115,520	\$102,278,500	
General Plant - Gross	\$4,860,609	\$1,490,139	\$2,497,409	\$17,784,523	\$4,540,901	\$5,976,969	
Accumulated Depreciation	(\$29,474,212)	(\$10,252,270)	(\$20,570,717)	(\$88,024,919)	(\$20,573,712)	(\$35,015,354)	
Capital Contribution	(\$5,607,525)	(\$1,780,163)	(\$3,061,853)	(\$15,610,220)	(\$3,206,738)	(\$6,532,569)	
Total Net Plant	\$49,717,089	\$18,546,357	\$58,466,588	\$141,724,760	\$34,816,912	\$66,695,501	\$345,095,688
Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	
COP							
Cost of Power (COP)	\$16,721,261	\$7,798,829	\$25,834,178	\$51,754,337	\$18,659,746	\$42,511,345	
OM&A Expenses	\$3,121,910	\$661,616	\$963,267	\$9,491,715	\$2,023,068	\$1,853,813	
Directly Allocated Expenses	\$0	\$0	\$456,187	\$0	\$0	\$105,326	
Subtotal	\$19,843,171	\$8,460,445	\$27,353,651	\$61,246,051	\$20,682,814	\$44,469,484	\$181,827,819
Working Capital	\$1,564,469	\$862,788	\$2,119,322	\$4,797,876	\$1,619,540	\$3,489,984	
Total Rate Base	\$21,271,858	\$10,910,826	\$30,700,910	\$116,822,826	\$36,456,452	\$69,469,288	\$365,342,668
Equity Component of Rate Base	\$20,508,623	\$7,564,330	\$16,282,364	\$58,609,054	\$14,574,581	\$27,798,114	
Net Income on Allocated Assets	\$352,437	(\$403,799)	(\$1,429,940)	(\$545,819)	(\$315,667)	(\$1,730,439)	
Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	
Net Income	\$352,437	(\$403,799)	(\$1,429,940)	(\$545,819)	(\$315,667)	(\$1,730,439)	(\$4,078,238)
RATIOS ANALYSIS							
REVENUE TO EXPENSES STATUS QUO%	0.90	0.61	0.44	0.81	0.76	0.55	0.75
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$591,616)	(\$771,385)	(\$5,001,602)	(\$5,100,915)	(\$1,479,190)	(\$3,155,076)	(\$13,476,869)
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$616,634)	(\$714,217)	(\$4,119,950)	(\$4,193,750)	(\$1,200,169)	(\$2,972,196)	(\$11,798,205)
RETURN ON EQUITY COMPONENT OF RATE BASE	1.72%	-3.34%	-8.78%	-0.92%	-2.17%	-6.23%	



2021 Cost Allocation Model

EB-2017-0049

Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:

Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate

Rate Base	14	15	16	17	18	19	Totals
Assets	AUR	AUGe	AUGd	AR	AGSe	AGSd	0
crev	\$3,508,610	\$1,032,227	\$1,363,842	\$16,389,355	\$3,747,248	\$3,520,293	
mi	\$265,132	\$40,871	\$34,520	\$740,971	\$148,526	\$77,740	
Total Revenue at Existing Rates	\$3,773,742	\$1,073,098	\$1,418,463	\$17,140,326	\$3,895,774	\$3,598,033	\$32,689,458
Factor required to recover deficiency (1 + D)							
Distribution Revenue at Status Quo Rates	\$3,799,459	\$1,088,727	\$1,457,013	\$17,265,222	\$3,945,098	\$3,406,601	
Miscellaneous Revenue (mi)	\$265,132	\$40,871	\$34,520	\$740,971	\$148,526	\$77,740	
Total Revenue at Status Quo Rates	\$4,064,590	\$1,129,598	\$1,491,533	\$18,006,193	\$4,093,625	\$3,484,341	\$34,566,831
Expenses							
dli							
cu	\$1,113,873	\$217,669	\$231,805	\$3,914,134	\$860,710	\$760,909	\$7,099,199
ad	\$990,150	\$155,982	\$49,672	\$2,529,476	\$486,762	\$109,147	\$4,321,189
ad	\$767,634	\$139,189	\$197,548	\$2,308,250	\$350,134	\$372,797	\$4,345,532
ad							\$15,755,940
dep	\$1,575,848	\$491,136	\$779,211	\$5,388,124	\$1,306,257	\$1,822,062	\$11,455,438
INPUT	\$222,906	\$59,371	\$70,098	\$798,578	\$201,959	\$223,355	\$1,577,407
INT	\$907,133	\$184,350	\$217,857	\$2,482,724	\$627,690	\$604,147	\$4,898,101
Total Expenses	\$5,363,345	\$1,247,697	\$1,648,091	\$17,482,595	\$4,076,912	\$3,962,616	\$53,656,845
Direct Allocation	\$0	\$0	\$456,187	\$0	\$0	\$185,328	
NI							
Allocated Net Income (NI)	\$973,171	\$259,205	\$306,036	\$3,490,826	\$881,716	\$978,004	
Revenue Requirement (includes NI)	\$6,335,515	\$1,506,902	\$2,308,314	\$20,973,111	\$4,857,631	\$5,143,946	\$41,228,418
Rate Base Calculation							
Net Assets							
dip	\$79,757,738	\$28,645,613	\$60,356,495	\$226,150,931	\$53,822,926	\$101,913,096	
gp	\$4,581,837	\$1,204,081	\$1,425,533	\$16,402,184	\$4,086,947	\$4,548,905	
accum dep	(\$28,936,287)	(\$9,937,113)	(\$19,934,781)	(\$94,685,843)	(\$16,951,121)	(\$34,803,913)	
co	(\$5,567,455)	(\$1,708,600)	(\$3,601,923)	(\$15,918,602)	(\$3,255,020)	(\$8,403,226)	
Total Net Plant	\$49,835,251	\$18,122,521	\$37,546,341	\$141,959,550	\$34,695,126	\$65,024,122	\$347,478,161
Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	
COP							
Cost of Power (COP)	\$16,721,261	\$7,708,829	\$25,834,478	\$51,754,337	\$18,650,748	\$42,511,345	
OM&A Expenses	\$2,871,057	\$512,840	\$479,125	\$8,611,860	\$1,847,606	\$1,242,852	
Directly Allocated Expenses	\$0	\$0	\$456,187	\$0	\$0	\$185,328	
Subtotal	\$19,592,318	\$8,311,669	\$26,669,489	\$60,666,198	\$20,498,354	\$43,959,524	\$179,478,150
Working Capital	\$1,636,899	\$651,895	\$2,083,880	\$4,750,287	\$1,607,713	\$3,448,235	
Total Rate Base	\$21,229,217	\$18,776,418	\$40,020,821	\$146,866,737	\$36,300,836	\$68,471,067	\$361,605,970
Equity Component of Rate Base	\$20,548,760	\$7,510,546	\$16,011,928	\$58,822,315	\$14,520,335	\$27,388,423	
Net Income on Allocated Assets	\$702,247	(\$129,099)	(\$518,743)	\$923,908	\$17,713	(\$594,602)	
Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	
Net Income	\$702,247	(\$129,099)	(\$518,743)	\$923,908	\$17,713	(\$594,602)	\$18,423
RATIOS ANALYSIS							
REVENUE TO EXPENSES STATUS QUO%	0.96	0.75	0.65	0.80	0.83	0.69	0.63
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$581,772)	(\$433,704)	(\$755,852)	(\$1,332,763)	(\$1,051,859)	(\$1,745,913)	(\$9,625,062)
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$370,324)	(\$379,303)	(\$215,781)	(\$2,066,018)	(\$661,009)	(\$1,570,695)	(\$8,865,537)
RETURN ON EQUITY COMPONENT OF RATE BASE	3.42%	-1.69%	-3.19%	0.89%	0.12%	-2.17%	