

Computation of Revenue Deficiency  
Test Year ending Dec. 31, 2015

	12 months 2015 Test Period	Utility Proformed Adjustments	Total Proformed Test Period
Rate Base (Schedule 3)	\$ 6,232,811	\$ (704,171)	\$ 5,525,955
Rate of Return	7.58%		7.58%
Income Required	\$ 472,565		\$ 418,972
Adjusted Net Operating Income	\$ 150,516	\$ (1,075,071)	\$ (924,555)
Tax effect (60.39%)	\$ 309,957		\$ 274,805
Revenue deficiency	\$ (632,006)		\$ (1,618,332)
After tax revenue requested	\$ 472,565		\$ 418,972
+ .6039 = required taxable income	782,522		693,777
Total Taxes to be paid	\$ 309,957		\$ 274,805

Mlbs of steam projected to be sold	110,371
Special contract steam Rundlett	5200
Abbott Downing/Christa Mac	3200
Steam sold at tariff rates	Mlbs 101,971

Increase in Usage Rate - Revenue + Steam Sales 15.87

New Usage rates based on these sales:

	Existing	Proposed	Increase
First 500 Mlbs	\$ 21.50	37.37	74%
500>2000	\$ 20.34	36.21	78%
2000>	\$ 16.85	32.72	94%

Revenue from existing usage rate	2,004,501	
Additional revenue from rate increase	\$ 1,618,332	23.33%
New usage rate revenue	3,622,833	
Usage rate increase	80.73%	

Existing Usage	Existing Energy	New Usage	Projected New Energy	Total Old	Total New	Increase in Rates
\$ 21.50	\$ 28.25	\$ 37.37	23.53	49.75	\$ 60.90	22.41%
\$ 20.34	\$ 28.25	\$ 36.21	23.53	48.59	\$ 59.74	22.95%
\$ 16.85	\$ 28.25	\$ 32.72	23.53	45.10	\$ 56.25	24.72%
					\$ 58.96	

Concord Steam  
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Schedule 1

Operating Income Statement  
Test Year ending Dec. 31, 2015

	Test Year Ended 12/31/15	Proforma Adjustments	8 months operation as performed 12/31/15	First Preceding Year 12/31/14	Second Preceding Year 12/31/13
<b>Operating Revenues</b>					
Usage Rate (Sched 1-1)	2,197,938	(193,437)	2,004,501	2,602,469	2,469,209
Fuel Charge (Sched 1-6)	3,559,279	2,709	3,561,988	3,044,601	2,858,955
Meter Charge	53,948	(4,308)	49,640	59,462	41,907
Electricity sales (note 2)	91,278	(45,000)	46,278	116,341	110,565
Other (note 3)	87,523	(83,426)	4,097	112,520	130,538
Sale of assets		1,963,000	1,963,000		
Total Revenues	5,989,966	1,639,538	7,629,504	5,935,393	5,611,174
Revenues net of Fuel Charge	2,430,687	1,636,829	4,067,516	2,890,792	2,752,219
<b>Operating Expenses</b>					
Production					
Fuel Costs (see note 1)	3,561,988		3,561,988	3,217,292	2,815,196
Other (Sched 1-2) (note 3)	965,129	661,501	1,626,630	959,733	817,883
Distribution					
Customer Accounting	47,534	5,605	53,139	41,784	38,441
Sales and New Business	1,500		1,500	1,436	3,460
Admin and General(Sched 1-3)	605,202	12,625	617,827	672,715	673,245
Write off uncollectable accounts	-	-	-	-	-
Taxes					
Federal Income Tax/BET	(67,576)	0	(67,576)	93,054	156,771
Property	180,891	(40,000)	140,891	137,309	135,981
Depreciation	201,633	(67,211)	134,422	222,744	233,240
Accelerated depreciation		300,000	300,000		
Amortization	(9,668)	3,223	(6,445)	-	(9,668)
Cost of closure (Sched 1-7)		1,938,675	1,938,675		
Total Revenue Deductions	5,738,878	2,733,114	8,471,992	5,610,311	5,097,488
Operating Rents, net	100,572	(18,505)	82,067	100,516	100,516
Net Operating Income	150,516	(1,075,071)	(924,555)	224,566	413,170
<b>Misc non-operating revenue</b>					
Interest expense - Short Term	47,033		47,033	37,395	62,375
Interest expense - Long term	13,509		13,509	19,381	19,823
Miscellaneous expense	26,349		26,349	32,247	26,208
Contributions	7,075		7,075	7,530	7,780
Amortization				(9,668)	1,164
Net Income	56,550		(1,018,521)	137,681	311,156

Notes

- 1 Fuel costs include cost of wood and gas fuels as well as all other operating costs that are allowed to be included in the Cost of Energy. These include all wood yard expenses such as rent, loader rental, yard utilities, property taxes, diesel fuel, contract grinding, equipment maintenance, etc.
- 2 Price of power has reduced and less power generated
- 3 All revenue and expenses from customer service work has been eliminated.

Concord Steam  
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Schedule 1-1

Proforma Adjustments - Revenue  
Test Year ending Dec. 31, 2015

	Steam sales Mlbs Increase(decrease)	<u>Usage Rate Revenue</u>
Steam sales adjustments		
Steam sales - change in customer use	(15,779)	\$ (320,319)
Change in steam sales due to correction to 30 yr average Degree Day	(3,725)	\$ (75,614) Note 1
Total change in Mlbs	<u>(19,504)</u>	
Add back in discount given to Concord High School		\$ 202,496
Total Net change in Base Rate Revenue due to correction in Mlb sales		<u>\$ (193,437)</u>
Total change to Usage Rate		\$ (193,437)

Notes:

1) Average Usage Rate used \$ 20.30

SALE OF ASSETS

Maintenance shop tools and spare parts	18,000	20% of book value
Welding equipment, lathe, bandsaw, drill press, etc.		
misc small stuff, i.e. chain falls, grinders, hand tools		
Backhoe	15,000	
forklift	1,000	
White van	1,000	
Rack truck	-	
Service truck	1,000	
2013 F150	18,000	
Steam turbine generators	4,000	scrap value
2500 kVa transformer	<u>5,000</u>	
	63,000	
Liberty Utilities purchase agreement	1,900,000	
TOTAL Sale of assets	1,963,000	

Concord Steam  
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Schedule 1-2

Proforma Adjustments - Expenses  
Test Year ending Dec. 31, 2015

Production expenses

Cost of Increased steam production		\$	(2,936)	
See Schedule 1.4 (\$/Mlb)	\$	0.15		
Change in Mlbs (Sched 1-C)		(19,504)		
Expensing previously capitalized costs		\$	432,006	Note 1
Convert capitalized costs from 2015 to expenses		\$	272,165	2
Replace MCC A		\$	35,000	3
Repair roof		\$	56,000	3
Closure of oil tanks		\$	75,000	4
Additional purchased electricity		\$	45,000	
Production Labor change		\$	(159,278)	
Change in Production Expense		\$	752,957	

1 See schedule 1-6 pg 1

2 See schedule 1-6 pg 2

3 Fire Marshal's investigation recommendations

4 Required by DES

Administrative and General Expenses  
Test Year ending Dec. 31, 2015

		12 Months Ended 12/31/15	Proforma Adjustments	Proformed 12 Months Ended 12/31/15	Note
General Office Salaries	1791	25,965	(7,467)	18,498	
General Office Supplies and Expense	1793	26,032	(979)	25,053	3
Supervision Fees and Special Services	1794	137,265	80,755	218,020	1
Regulatory Commission Expense	1797	17,807	890	18,697	
Insurance	1798	142,143	(40,275)	101,868	
Employees Welfare and Relief	1800	211,280	(12,148)	199,132	2
Miscellaneous General Expense	1801	24,818	(5,246)	19,572	
Maintenance of General Property	1802	4,565	-	4,565	
Transportation Expense	1811	15,327	(2,905)	12,422	
Total		<u>605,202</u>	<u>12,625</u>	<u>617,827</u>	

Decreases are due to 8 month vs 12 month year

Notes

- 1) Consultants, raise president's salary
- 2) Health insurance increase
- 3) Office expense until dissolution

Incremental operating cost of steam sold

Test Year ending Dec. 31, 2015

	Annual cost based on sale of 130,000 Mlbs	Incremental cost to Produce Additional 50,000 Mlbs	Cost per Mlb
<b>Electricity</b>	\$ 75,268	\$ 7,527	\$ .015
<b>Total</b>	\$ 75,268	\$ 7,527	\$ 0.15

Calculation of Revenue from Energy Charge  
Test Year ending Dec. 31, 2015

	Mlbs Steam 2015 Sales	Cost of Energy \$/Mlb	Revenue From Energy Charge	Cost of Energy	Over/(under) charge
January	28,543	25.10	716,441	\$ 638,427	\$ 78,014
February	30,135	25.10	756,399	\$ 588,862	\$ 167,537
March	19,099	26.10	498,494	\$ 420,884	\$ 77,610
April	11,484	26.10	299,733	\$ 368,602	\$ (68,869)
May	2,063	26.10	53,839	\$ 150,445	\$ (96,606)
June	1,235	26.10	31,994	\$ 111,150	\$ (79,156)
July	1,064	26.10	27,526	\$ 104,767	\$ (77,241)
August	986	26.10	25,731	\$ 103,397	\$ (77,666)
September	947	26.10	24,500	\$ 117,868	\$ (93,368)
October	7,251	26.10	189,244	\$ 276,875	\$ (87,631)
November	11,597	25.22	296,152	\$ 315,814	\$ (19,662)
December	15,471	25.61	396,345	\$ 364,898	\$ 31,447
Insurance reimbursement applied to COE			\$ 242,881	Note 2	
	129,875		3,559,279	\$ 3,561,988	\$ (2,709)

Adjustments to COE	<u>Cost of Energy</u>
Undercharge of COE for FY 2015	\$ 2,709 Note 1

Total change to COE \$ 2,709

- 1) Adjustment made due to undercharge of energy component as of December 31, 2015
- 2) Insurance reimbursement for natural gas consumed instead of wood due to 1/15 fire.

Additions to fixed capital

	Total	Production	Distribution	General	Unfinished Construction
2012	108,225	54,290	41,066	12,869	1,977
2013	467,331	388,188	63,130	16,013	
2014	631,277	488,552	102,186	40,539	118,059
2015	276,181	254,904	21,277	-	6,402
<b>TOTAL</b>	<b>1,483,014</b>	<b>1,131,644</b>	<b>186,593</b>	<b>56,552</b>	<b>124,461</b>
	907,458				

Some of the more critical items capitalized in the past three years required to keep plant operational

	Orig cost	Depreciation	Net un-depreciated
#2 Silo Overhaul	\$ 73,179	\$ 3,337	\$ 69,842
Stack repair	\$ 94,994	\$ 4,332	\$ 90,662
Misc wood system repairs	\$ 14,042	\$ 1,067	\$ 12,975
Misc boiler repairs	\$ 63,627	\$ 4,042	\$ 59,585
Misc boiler feed pump repairs	\$ 16,798	\$ 766	\$ 16,032
Underground pipe repairs	\$ 121,997	\$ 3,124	\$ 118,873
CEM Replacement	\$ 69,304	\$ 5,267	\$ 64,037
	<b>\$ 453,941</b>	<b>\$ 21,935</b>	<b>\$ 432,006</b>

Expenses capitalized

	2013	Original cost	Depreciation	Book value
Air compressor repair	\$	6,336	\$ 481	\$ 5,855
#6 ID fan Electr repair	\$	16,194	\$ 1,231	\$ 14,963
Wood system repairs	\$	15,335	\$ 1,165	\$ 14,170
#1 oil pump	\$	3,663	\$ 278	\$ 3,385
CEM System software upgrade	\$	7,842	\$ 596	\$ 7,246
#6 OFA fan repair	\$	14,219	\$ 1,081	\$ 13,138
Boiler repairs	\$	23,363	\$ 1,776	\$ 21,587
Gas Burner for #5 boiler	\$	196,524	\$ 14,936	\$ 181,588
Automatic transfer switch	\$	28,906	\$ 2,197	\$ 26,709
CEM Replacement	\$	69,304	\$ 5,267	\$ 64,037
Spence valve repair	\$	6,502	\$ 494	\$ 6,008
	\$	<b>388,188</b>	<b>\$ 29,502</b>	<b>\$ 358,686</b>

Expenses capitalized

	2014	Original cost	Depreciation	Book value
OFA Fan shaft repair		223	10	213
Boiler repair		137	6	131
LP blr fd pumps		11,895	543	11,353
Deareator replacement		211,078	9,625	201,453
ash drag chain		6,943	317	6,626
#2 Silo unloader repair		73,179	3,337	69,842
#5 Economizer repair		18,931	863	18,068
LP Boiler Feed Pump repair		4,903	224	4,679
#6 boiler economizer repair		7,114	324	6,790



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Schedule 1-6

Expenses capitalized	Original cost	Depreciation	Book value
2014 (cont)			
Boiler fed pump VFD repair	12,614	575	12,039
Steam turbine repair	28,104	1,282	26,822
#5 boiler water level Indicator	4,795	219	4,576
Stack repair	94,994	4,332	90,662
Air conditioner	13,640	622	13,018
F 150 Truck	40,539	6,087	34,452
Eagle sq 12" valve	11,731	234	11,497
Ind Dr expansion joints	22,456	448	22,008
White Mountain coffee vault	14,138	282	13,856
Londergan steam line	27,707	553	27,154
Phillbrook line	3,009	60	2,949
State Annex service line	9,779	293	9,486
Main bldg reroute service line	7,166	858	6,308
Ind drive relocate pipe	6,199	186	6,013
	<u>631,274</u>	<u>31,279</u>	<u>599,995</u>
2015			
Air conditioner	4,238	64	4,174
#5 boiler water level indicator	10,246	156	10,090
Stack repair	1,361	21	1,340
CEM CO analyzer	24,274	369	23,905
LP Boiler Feed Pump repair	13,295	202	13,093
#1 Silo unloader repair	69,081	1,050	68,031
#5 dust collector repair	17,262	262	17,000
Wood conveyor repair	22,796	348	22,450
#6 boiler door replacement	6,409	97	6,312
Wood flight conveyor repair	5,783	88	5,695
#6 feed screw	16,730	254	16,476
HP Boiler Feed Pump repair	18,817	286	18,531
Deareator repair	3,340	51	3,289
#5 boiler outlet valve	10,421	158	10,263
#6 VFD ID fan	3,230	49	3,181
Generator voltage regulator repair	17,658	268	17,390
#5 FD fan	4,914	75	4,839
Overhead door	5,050	77	4,973
Expan joint Pleas/Liberty	18,472	123	18,349
18 Park st line	2,804	19	2,785
	<u>276,181</u>	<u>4,016</u>	<u>272,165</u>
2016			
#1 Air Compressor	\$1,977		
Drag Chain Unloader	\$7,813		
Utility Tie Breaker	\$16,450		
Aux Feed Pump Mtr	\$2,530		
Electrical tie breaker repair	\$75,386		
Pleasant St. Exp. Jt	\$11,090		
School St. Exp. Jt	\$803		
	<u>\$116,049</u>		\$116,049
	\$1,411,692		\$1,346,895

Concord Steam  
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Closing Costs

Sched 1-7

Materials to close manholes	39,200
Material to disconnect customers	16,500
Rent office/workshop space - June through November (6 months)	15,000
Office expenses - phone, office supplies	7,500
Accounting assistance to close	10,000
Legal assistance to close	30,000
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Retention bonus - 3 months salary to stay until close and allowance for OT, contract labor	
Plant operations/maintenance	167,666
Distribution	55,890
Administration	41,791
Allowance for extra OT and outside contracted labor	78,585
3 months health insurance extension	25,838
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Retain labor past plant closure	
Retain Distribution staff 3 months for disconnect and manhole closure	36,170
Retain admin 6 months	166,858
Health insurance for extended employees	20,000
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Loans	
TD Bank Line of Credit	1,200,000
F 150	14,181
CATCH equipment	13,497
	1,938,675

Concord Steam  
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CM/AD School Discount

Schedule 1-8

	Steam use Mlbs	Tariff Rate	Rate charged \$3.08/Mlb	Discount
2015				
Christa McAulliffe	1,661	\$ 35,712	\$ 5,116	\$ 30,596
Abbott Downing	1,535	\$ 33,002	\$ 4,728	\$ 28,274
Total contract useage to date				
Christa M/Abbot D	13,658	\$ 290,065	\$ 42,064	\$ 248,001

Incremental cost to deliver steam from Schedule 1-4	\$0.15	\$/Mlb
Tariff rate charged to schools (CPI adjusted annually)	\$3.00	\$/Mlb
Net benefit to Company/Ratepayers over course of contract	\$2.85	\$ 38,925

Cost of interconnecting steam line paid for by school district \$ 378,665

Concord Steam  
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Schedule 1A

PROPERTY TAXES  
Test Year ending Dec. 31, 2015

Detail of property taxes paid to the city of Concord, State of NH and Town of Pembroke:

Tax Period:	State Utility	City	Pembroke Wood Yard (in COE)	Combined
	\$ 41,293	\$ 139,598	\$ 14,725	\$ 195,616
Total property taxes	41,293	139,598	14,725	195,616

Concord Steam Corp.  
DG 16 -

Schedule 1-B

Payroll  
Test Year ending Dec. 31, 2015

		12 Months Ended 12/31/15	Proforma Adjustments (Note 1)	Proforma 12 Months Ended 12/31/15	
	Operation				
Mark	Production	1701	582,878	(133,089)	449,789
	Storage			-	-
	Distribution	1762	162,807	(49,764)	113,043
Pansy	Customer Accounts	1780	41,294	5,605	46,899
	Customer Service			-	-
	Sales			-	-
	Admin and General		<u>25,695</u>	<u>(7,467)</u>	<u>18,228</u>
	Total Operation		<u>812,674</u>	<u>(184,715)</u>	<u>627,959</u>
	Maintenance				
	Production		<u>85,717</u>	<u>(26,189)</u>	<u>59,528</u>
	Total Maintenance		<u>85,717</u>	<u>(26,189)</u>	<u>59,528</u>
	Total Payroll		<u>898,391</u>	<u>(210,904)</u>	<u>687,487</u>

Note:

- 1) 5% Increase in labor rates and 8 month year

Concord Steam  
DG 16 -

Degree Day Correction

Schedule 1-C

	2015 Actual Sales Milbs	Steam sold non heating	Steam sold heating	Sales Adjustments	Projected lost sales during 16/17 2.0%	Actual Deg Days 2015	Deg Days 30 yr ave	Adjusted Base rate Sales
Jan-15	28,543	1,200	27,343	(2,324)	571	1449	1339	23,749
Feb-15	30,135	1,200	28,935	(2,239)	603	1569	1170	20,504
Mar-15	19,099	1,200	17,899	(1,248)	382	1000	960	16,803
Apr-15	11,484	1,200	10,284	(753)	230	625	586	9,906
May-15	2,063	1,200	863	(158.5)	41	156	286	2,450
Jun-15	1,235	1,235	0	(127)	1,108	79	82	0
Jul-15	1,064	1,064	0	(125)	939	8	14	0
Aug-15	986	986	0	(110)	876	0	29	0
Sep-15	947	947	0	(126)	821	80	179	0
Oct-15	7,251	1,200	6,051	(594.7)	145	184	505	6,511
Nov-15	11,597	1,200	10,397	(750)	232	697	800	12,041
Dec-15	15,471	1,200	14,271	(967)	309	894	1177	18,406
	129,875	13,832	116,043	-9,523	6,256	6741	7127	110,371

Difference in degree days - 2015 vs average

94.6%  
105.7%

Adjusted total sales before DD correction

114,096

Change in steam sales due to degree day corrections only

(3,725)

Net change in steam sales after all corrections and adjustments

(19,504)

Concord Steam  
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Schedule 1D

FEDERAL AND STATE INCOME TAXES  
Test Year ending Dec. 31, 2015

	Total 2015
Federal and state income tax	-
Deferred income taxes	<u>(74,798)</u>
State BET Tax	7,222
Total taxes	<u>\$ (67,576)</u>

Concord Steam  
DG 16.-

Schedule 1-E

CATCH equipment				Principal	Remaining
Purchase Price	Depreciation	Book value as of Dec 2015		payments made as of May 2017	Principal May-16
\$ 43,317	2,166	\$ 41,151	\$	29,820	13,497



Attachment (A)

TAG: HTP-1

Steam-Fired Heat Transfer components only sized to heat up to 60 GPM from 160F to 180F, using 605 lbs/hr of 20 psig to the control valve, 1,400 mbh heat load capacity.

Item	Qty	Description
*	(1)	8" ASME CODE 150lb Stamped Floater Section, carbon steel shell, cast iron steam head, single wall copper tubes construction, steel tube sheet,
*	(1)	Spirax Sarco 2" RT-15 Float & Thermostatic Steam Trap
*	(1)	Inlet Steam Temperature Control Valve Station fitted with inlet isolation valve, strainer piped w/ single seated balance trim BV Type electronic temperature control valve.
*		EC-800 Electronic Temperature controller,
*	(1)	Vacuum Breaker and steam pressure gauge
*		ASME Air Separator w/ air vent and makeup valve PRV assembly
*		ASME Bladder Expansion Tank 11 Gallon
*	(1)	Grundfos Magna 65-120-F pump, cast iron w/ SS impeller, 60 GPM, 25'hd, 230v/1/60hz, With integrated differential pressure control.
*		Pressure and Temperature Relief Valve
*		Triple Duty Valve & Suction Diffuser
*	(2)	Temperature Indicators
*	(1)	Pressure Gauges

Price for all above components loose: \$15,882

Adder for second Grundfos Magna: \$2,085

Total \$17,967

Attachment (A) continued

Item	Qty	Description	Net SP
EA			
2	1	Model # SHH125-836-DWEN	\$24,350.00

Sorax Sarcoc Inc. SHH125-836-DWEN Steam Water Fired Water Heater sized to heat up to 40 GPM Max from 40 F to 140 F using 20 psi steam to the control valve inlet. Units Horizontal configuration.

Includes the following:

- ASME CODE Stamped Header Section 2.1.1 stainless steel shell, cast iron steam head, double wall copper tubes, 304 SS tube sheet inner steel head side tube sheet
- Preheat heat exchanger to utilize condensate to heat incoming domestic water. Heat exchanger fitted with condensate cooling valve to lower temperature below 140F to floor drain.
- 1.0" BV Type BV control valve, full closed/spring return actuation and single seated class BV dead weight shut off.
- Double Safety Shutdown System.
- EC-800-EN-15-16 UL Listed Digital Microprocessor Temperature Controller Panel w/ Indicator for Power on and High Limit Tripped or Shutdown.
- RTD Sensor.
- Pressure and Temperature Relief Valve.
- 3/16 SS Intra-tube circulation Pump with check valve and isolation valves.
- 2" Blend Valve and circulator for hot water return with aquastat control.
- 4.5" Dial Compound Pressure gauge 30in - 0 - 30 psig with siphon isolation valve & vacuum breaker.
- 1.5" FT-15 Float and Thermostatic Steam Trap.
- 1.0" Stainless Steel Ball valve for Blow down.
- Heater Insulated w/ 1.5" of Fiberglass and Metal Jacket Covering.
- Sphinx Blue Powder Coated Stand Mounted.

Quote is good for 30 Days Only  
 Terms: net 30 days  
 Shipping Weight 280 lbs each  
 Standard Warranty Applies

Domestic Hot Water System with heating accessories: Budget Total \$ 42,317  
 (Equipment only, FOB Factory)

Concord Steam  
DG 16 -

Balance Sheets  
Assets and Deferred Charges  
Test Year ending Dec. 31, 2015

Schedule 2  
Page 1 of 2

	<u>12/31/15</u>	<u>12/31/14</u>	<u>12/31/13</u>	<u>12/31/12</u>
Fixed Capital - Steam Plant				
Distribution Equipment	\$ 4,020,034	\$ 4,134,766	\$ 4,032,581	\$ 3,982,782
Production Equipment	7,652,794	7,497,597	7,041,924	6,815,861
Structures	706,591	706,590	706,590	706,590
General Equipment	188,158	190,350	158,724	272,823
Land	2,655	2,655	2,655	2,655
Intangible Property	139	139	139	139
Unfinished Construction	151,360	156,844	38,785	90,687
	<u>12,721,731</u>	<u>12,688,942</u>	<u>11,981,398</u>	<u>11,871,537</u>
Less Depreciation Reserve	<u>(6,245,494)</u>	<u>(6,287,254)</u>	<u>(5,997,586)</u>	<u>(6,079,583)</u>
Total Fixed Capital	<u>6,476,237</u>	<u>6,401,688</u>	<u>5,983,812</u>	<u>5,791,954</u>
Current Assets				
Cash	18,731	-	-	-
Special deposits	-	-	-	12,250
Accounts Receivable	728,514	883,847	1,067,435	833,782
Materials and Supplies	122,522	144,942	238,691	177,185
Prepayments	30,860	27,191	97,780	87,784
Income tax refund	0	0	0	0
Total Current Assets	<u>900,627</u>	<u>1,055,980</u> #	<u>1,403,906</u>	<u>1,111,001</u>
Deferred Debits				
Unamortized Debt Discount and Expense	-	-	-	1,164
Deferred Tax Assets	615,896	550,026	613,630	776,642
	<u>615,896</u>	<u>550,026</u> #	<u>613,630</u> #	<u>777,806</u>
Total Assets	<u>\$ 7,992,760</u>	<u>\$ 8,007,694</u>	<u>\$ 8,001,348</u>	<u>\$ 7,680,761</u>

Concord Steam  
DG 16 -

Balance Sheets  
Stockholders Equity and Liabilities  
Test Year ending Dec. 31, 2015

Schedule 2  
Page 2 of 2

	12/31/15	12/31/14	12/31/13	12/31/12
Capitalization				
Common Stock	\$ 91,200	\$ 91,200	\$ 91,200	\$ 91,200
Capital Surplus	220,653	220,653	220,653	220,653
Earned Surplus	2,864,557	2,847,196	3,271,356	2,497,358
Total Capitalization	<u>3,176,410</u>	<u>3,159,049</u>	<u>3,021,367</u>	<u>2,809,211</u>
Long-Term Debt				
Bonds and Notes	<u>179,186</u>	<u>465,313</u>	<u>376,341</u>	<u>452,639</u>
Current and Accrued Liabilities				
Notes Payable	1,740,013	1,338,869	1,026,204	1,386,945
Accounts Payable	1,157,054	1,006,155	1,053,232	851,677
Payables to Affiliated Companies			58,994	200,000
Customers' Deposits	1,100	1,100	1,300	500
Taxes Accrued	(51,709)	498	1,912	6,716
Cash Overdrafts	71,111	284,385	621,004	181,074
Miscellaneous Current Liabilities	(3,148)	10,991	3,229	41,534
Deferred Revenue				
Total Current and Accrued Liabilities	<u>2,914,421</u>	<u>2,641,998</u>	<u>2,765,875</u>	<u>2,668,446</u>
Deferred Credits				
Deferred Income Taxes	<u>1,178,813</u>	<u>1,187,741</u>	<u>1,165,789</u>	<u>1,177,492</u>
Reserves				
Amortization				
Contribution in Aid of Construction	(128,051)	(118,383)	(108,715)	(99,047)
Contribution in Aid of Construction	671,975	671,975	671,975	671,975
Total Reserves	<u>543,924</u>	<u>553,592</u>	<u>671,975</u>	<u>572,928</u>
Total Stockholders Equity and Liabilities	<u>\$ 7,992,754</u>	<u>\$ 8,007,693</u>	<u>\$ 8,001,347</u>	<u>\$ 7,680,716</u>
	#	#	#	#

Concord Steam  
DG 16 -

Schedule 2B

MATERIALS AND SUPPLIES  
Test Year ending Dec. 31, 2015

Oil Inventory	\$ -
Wood	\$ 26,629
Parts and supplies inventory	\$ 90,400
Chemicals - fuel and water treatment	\$ 5,493
	<u>\$ 122,522</u>

CONTRIBUTION IN AID OF CONSTRUCTION  
Test Year ending Dec. 31, 2015

Contribution in Aid of Construction

Balance at beginning of year	\$ 671,975
Change during year	<u>          -</u>
Balance end of year	<u><u>\$ 671,975</u></u>

Concord Steam  
DG 16 -

Schedule 3

Rate Base  
Test Year ending Dec. 31, 2015

	Jurisdictional Test Year Average	Jurisdictional 13 month Average	Adjustments	Total Proformed Test year
Plant in service (Sched 3B)	12,823,404	12,813,060	(730,122)	12,082,938
Less: accumulated Depreciation	(6,394,724)	(6,386,457)	25,951	(6,360,506)
Plant Held for future use				
Net Utility Plant	6,428,680	6,426,604	(704,171)	5,722,433
Plus				
Cash working capital Schedule 3-A	1,053,260	1,053,260		1,053,260
Materials and supplies Schedule 3-B	109,260	112,005		112,005
Prepayments	65,307	62,375		62,375
Deferred Taxes (sched 2)	555,515	555,093		555,093
Less				
Deferred Taxes (Sched 2)	1,186,997	1,187,054		1,187,054
Investment tax credit				
Customer deposits (Sched 3-B)	1,050	1,054		1,054
Customer advances				
Contribution in aid of construction	671,975	671,975		671,975
CIAC accum amortization	(119,189)	(119,127)		(119,127)
Rate Base	6,232,811	6,230,126		5,525,955
Net Operating Income applied to rate base	150,516	150,516		(924,555)
Rate of return	2.41%	2.42%		-16.73%

Concord Steam  
DG 16 -

Schedule 3-A

Cash Working Capital  
Test Year ending Dec. 31, 2015

Operational Expenses for Proformed Test Year Schedule 1	\$ 8,554,059
Less: Depreciation and Amortization Schedule 1	\$ 127,977
Monthly Average	\$ 702,174
1.5 Times Average	\$ 1,053,260



Concord Steam  
DG 16+

Schedule 3-B

Rate Base Components	Dec-14	January	February	March	April	May	June	July	August	September	October	November	December	Test Year Average	13 Month Average
Organization	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139
Miscellaneous Intangible Property															
Total Intangible Property	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139
Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution System Land	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655
Total Land	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655	2,655
Structures															
Production Plant Structures	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407	671,407
General and Misc Structures	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184	35,184
Total Structures	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590	706,590
Production Equipment															
Power Plant Equipment	\$7,497,597	7,509,477	7,545,829	7,566,663	7,573,137	7,577,173	7,638,186	7,655,732	7,690,762	7,712,655	7,713,376	7,717,686	7,652,794	7,629,455	7,619,312
Total Production Equipment	\$7,497,597	7,509,477	7,545,829	7,566,663	7,573,137	7,577,173	7,638,186	7,655,732	7,690,762	7,712,655	7,713,376	7,717,686	7,652,794	7,629,455	7,619,312
Distribution Equipment															
Mains	\$3,462,243	3,462,243	3,462,243	3,462,243	3,462,243	3,462,243	3,462,243	3,462,243	3,473,314	3,476,690	3,479,376	3,481,806	3,464,923	3,467,651	3,467,235
Services	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258	523,258
Customer's Meters and Installations	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265	149,265
Total Distribution Equipment	4,134,766	4,134,766	4,134,766	4,134,766	4,134,766	4,134,766	4,134,766	4,134,766	4,145,837	4,149,213	4,151,899	4,154,329	4,026,034	4,130,389	4,130,726
General Equipment															
Office Equipment	29,152	29,152	29,152	29,152	29,152	29,152	29,152	29,152	29,152	29,152	29,152	29,152	25,520	28,849	28,873
Transportation Equipment	142,275	142,991	142,991	142,991	142,991	142,991	142,991	142,991	142,991	142,991	142,991	142,991	143,714	143,654	142,992
Shop Equipment	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392	8,392
Laboratory Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Tools and Implements	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370	5,370
Misc. General Equipment	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162	5,162
Total General Equipment	190,350	191,067	191,067	191,067	191,067	191,067	191,067	191,067	191,067	191,067	191,067	191,067	188,158	190,825	190,788
Unfinished Construction															
Unfinished Construction	156,844	156,844	159,344	159,344	166,844	166,844	166,844	166,844	166,844	166,844	166,844	166,844	166,844	151,360	162,961
Total Unfinished Construction	156,844	156,844	159,344	159,344	166,844	166,844	166,844	166,844	166,844	166,844	166,844	166,844	166,844	151,360	162,961
Total Plant in Service	12,688,942	12,701,538	12,740,390	12,761,224	12,775,198	12,779,234	12,840,247	12,857,793	12,903,884	12,929,163	12,932,570	12,939,310	12,720,290	12,823,464	12,813,658
Accumulated Depreciation	(6,287,254)	(6,307,426)	(6,327,599)	(6,347,772)	(6,367,945)	(6,388,117)	(6,408,290)	(6,428,463)	(6,448,636)	(6,468,808)	(6,488,981)	(6,509,154)	(6,245,494)	(6,354,724)	(6,386,457)
Cash Working Capital	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260	1,053,260
Materials and Supplies															
Oil Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood	\$74,738	106,825	93,622	93,083	51,428	40,876	19,203	18,440	8,588	9,183	4,844	15,366	26,629	48,674	43,294
Parts and Supplies	\$61,281	61,281	61,281	61,281	61,281	61,281	61,281	61,281	61,281	61,281	61,281	61,281	90,400	63,708	63,521
Chemicals/salt	\$8,923	9,082	5,851	7,530	8,010	5,117	2,614	3,481	2,383	32	3,775	5,174	5,493	4,878	5,190
Total Materials and Supplies	144,942	177,188	160,754	161,894	120,719	107,274	83,098	83,202	72,252	70,466	69,900	81,821	122,522	109,250	112,005
Prepayments (Annual Report at Table 18)	27,190	51,323	37,817	61,948	48,443	108,226	94,721	82,506	70,291	58,076	45,861	93,606	30,860	65,367	62,376
Deferred Taxes (Annual Report at Table 36)	550,026	550,026	550,026	550,026	550,026	550,026	550,026	550,026	550,026	550,026	550,026	550,026	615,896	555,515	555,893
Deferred Taxes (Annual Report at Table 32)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,187,741)	(1,178,613)	(1,186,987)	(1,187,854)
Customer Deposits (at Annual Report p. 101)	(1,100)	(1,100)	(500)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,050)
Cont. in Aid of Constr. (CIAC) (Table 10)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)	(671,975)
Less Accum. Amort of CIAC (Table 10)	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383	118,383
Sub-total CIAC less Amortization	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)	(553,592)
Rate Base	5,884,647	5,933,450	5,922,789	5,948,122	5,887,243	5,917,444	5,920,603	5,905,865	5,908,619	4,861,029	5,870,178	5,916,410	4,867,210	5,245,747	5,766,431

Calculation of Operating Revenues  
Test Year ending Dec. 31, 2015

Revenues Usage Rate	2015 Actual		2015 as Proformed	
	Mlbs Steam	Revenue	Mlbs Steam	Revenue
January	28,543	\$ 403,572	23,749	\$ 431,323
February	30,135	504,332	20,504	372,389
March	19,099	326,571	16,803	305,164
April	11,484	210,855	9,906	179,917
May	2,063	38,161	2,450	44,502
June	1,235	28,431	0	-
July	1,064	12,293	0	-
August	986	24,904	0	-
September	947	24,324	0	-
October	7,251	139,870	6,511	118,255
November	11,597	215,338	12,041	218,674
December	15,471	269,287	18,406	334,279
	129,875	2,197,938	110,371	2,004,501
Fuel Charge		3,559,279		3,561,988
Meter Charge		49,640		49,640
Other		87,523		4,097
Electricity Sales		91,278		46,278
				Less: Insurance revenue for excess gas use (242,881)
Proposed revenues				
Additional revenue requested			1,618,332	
Usage revenue as proformed			2,004,501	
Total requested revenue from Usage Rates			3,622,833	
Total Revenue from Fuel Charge and Other			3,372,844	
Total Revenue from Electricity Sales			46,278	
Total Proposed Revenues			7,041,955	

Concord Steam  
DG 16 -

Sched 4A

Monthly Sales Amounts  
Test Year ending Dec. 31, 2015

	Residential Usage	Residential Energy	Commercial & industrial Usage	Commercial & industrial Energy	Public Authority Usage	Public Authority Energy	Sales Discounts	Total Energy Charges	Total Meter Charges	Total Usage Rate	Total Sales
January	\$155	\$181	\$169,801	\$198,301	\$433,362	\$517,959	(\$199,746)	716,441	\$7,260	403,572	1,127,273
February	\$17	\$20	\$181,132	\$211,494	\$454,480	\$544,885	(\$131,297)	756,399	\$7,240	504,332	1,267,971
March	\$17	\$21	\$107,763	\$130,819	\$298,530	\$367,654	(\$79,739)	498,494	\$7,240	326,571	832,305
April	\$4	\$5	\$62,308	\$75,639	\$183,536	\$224,089	(\$34,993)	299,733	\$7,180	210,855	517,768
May	\$0	\$0	\$14,044	\$17,049	\$30,306	\$36,790	(\$6,189)	53,839	\$3,300	38,161	95,300
June	\$0	\$0	\$7,873	\$9,558	\$18,482	\$22,436	\$2,076	31,994	\$556	28,431	60,981
July	\$0	\$0	\$8,267	\$10,036	\$14,407	\$17,490	(\$10,381)	27,526	\$352	12,293	40,171
August	\$0	\$0	\$8,299	\$10,074	\$12,897	\$15,657	\$3,708	25,731	\$352	24,904	50,987
September	\$0	\$0	\$8,505	\$10,325	\$11,677	\$14,175	\$4,142	24,500	\$368	24,324	49,192
October	\$2	\$3	\$37,490	\$45,511	\$117,986	\$143,730	(\$15,608)	189,244	\$6,330	139,870	335,444
November	\$15	\$18	\$67,909	\$79,658	\$183,519	\$216,476	(\$36,105)	296,152	\$6,910	215,338	518,400
December	\$41	\$49	\$87,054	\$103,853	\$242,537	\$292,443	(\$60,345)	396,345	\$6,860	269,287	672,492
	\$ 251	\$ 297	\$ 760,445	\$ 902,317	\$ 2,001,719	\$ 2,413,784	\$ (564,477)	\$ 3,316,398	\$ 53,948	\$ 2,197,938	\$ 5,568,284

Concord Steam  
DG 16 -

Schedule 5

Rate Case Expenses

	Estimated
Accountants	\$ 2,000
Consultants	
Legal	<u>\$ 20,000</u>
Total	\$ 22,000

Overall Rate of Return

	Component Ratio	Component Cost Rate	Weighted Ave Cost Rate
Common Stock	67.77%	9.50%	6.44%
Preferred Stock	0.00%	0.00%	0
Long Term Debt	3.01%	7.54%	0.23%
Short Term Debt	17.47%	5.25%	0.92%
		TOTAL	7.58%

Capital Structure for Rate Making Purposes

Item	Amount	Ratio
<b>Common Equity</b>		
Stock	91,200	
Surplus	220,653	
Retained Earnings	3,723,475	
(Capital Stock Expense)	-	
Total	<u>4,035,328</u>	67.77%
<b>Preferred Stock Equity</b>		
Stock	-	
(Capital Stock Expense)	-	
Total	<u>-</u>	0.00%
<b>Long Term Debt</b>		
Mortgage Debt	179,186	
Long Term Notes	-	
Bonds	-	
Capitalized Lease	-	
(Unamortized Premium and Discount)	-	
(Unamortized Expenses)	-	
Total	<u>179,186</u>	3.01%
<b>Short Term Debt</b>		
Notes Payable	1,040,013	17.47%
	700,000	0.00%
<b>Deferred Taxes</b>		
	(1,178,813)	0.00%
<b>Total Capital</b>	<b>5,954,527</b>	<b>88.24%</b>

Concord Steam  
DG 16 -

Schedule 6-3

Historical Capital Structure for Ratemaking Purposes

	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
Common Equity	3,176,410	3,159,049	3,021,367	2,809,211	4,034,741
Preferred Stock Equity	-	-	-	-	-
Long Term Debt	179,186	465,313	465,313	376,341	552,762
Short Term Debt	1,740,013	1,338,869	1,338,869	1,026,204	1,062,642
Deferred Taxes	1,178,813	1,187,741	1,165,789	1,177,492	1,168,377
Total	<u>6,274,422</u>	<u>6,150,972</u>	<u>5,991,338</u>	<u>5,389,248</u>	<u>6,818,522</u>

Capitalization Ratios at December 31 for Each Year

	2015	2014	2013	2012	2011
Common Equity	50.62%	51.36%	50.43%	52.13%	59.17%
Preferred Stock Equity	0.00%	0.00%	0.00%	0.00%	0.00%
Long Term Debt	2.86%	7.56%	7.77%	6.98%	8.11%
Short Term Debt	27.73%	21.77%	22.35%	19.04%	15.58%
Deferred Taxes	18.79%	19.31%	19.46%	21.85%	17.14%
Total	100%	100%	100%	100%	100%



Cost of Long Term Debt  
 Test Year ending Dec. 31, 2015

		Interest Rate	Maturity	Amount Authorized	Outstanding Amount	Annual Interest cost
TD Bank	11/8/06	4.07%	10/1/16	\$ 1,245,580	132,585	11,433
Ford	3/7/12	2.90%	3/21/17	\$ 12,869	\$ 3,141	118
Royal Bank	5/1/13	4.90%	4/30/18	\$ 43,317	\$ 21,901	1,810
MCSB	6/4/15	2.99%	9/26/18	\$ 31,540	\$ 21,559	148
<b>TOTAL</b>					<b>179,186</b>	<b>13,509</b>

Average total interest rate for year 7.54%

Cost of Short Term Debt  
Test Year ending Dec. 31, 2015

	Interest Rate	Term	Amount Authorized	Outstanding Amount	Annual Interest cost
Line of Credit	5.25%	Annual	\$ 1,200,000	\$ 1,040,013	\$ 39,363
Misc interest on accounts, credit card, etc					\$ 7,670
				Total	\$ 47,033

Concord Steam  
DG 16 -

Schedule 6-6

Cost of Short Term Debt  
Test Year ending Dec. 31, 2015

	Interest Rate	Term	Amount Authorized	Outstanding Amount	Annual Interest cost
Line of Credit	5.25%	Annual	\$ 1,200,000	#####	####
Misc interest on accounts, credit card, etc					####
				Total	####

Concord Steam  
DG 16 -

Schedule 6-7

Cost of Preferred Stock  
Test Year ending Dec. 31, 2015

Not applicable - no preferred stock issued.

Schedule 7  
DG 16-

DG 16 -  
Concord Steam  
revised 6/14/2016, no Liberty deal

Alt Schedule A

Computation of Revenue Deficiency  
Test Year ending Dec. 31, 2015

	13 Month ave Test Period	Utility Proformed Adjustments	Total Proformed Test Period
Rate Base (Schedule 3)	\$ 5,973,512	\$ -	\$ 5,973,512
Rate of Return	7.41%		7.41%
Income Required	\$ 442,785		\$ 442,785
Adjusted Net Operating Income	\$ 150,516 2.52%	\$ (1,247,385)	\$ (1,096,869)
Tax effect (60.39%)	\$ 290,424		\$ 290,424
Revenue deficiency	\$ (582,693)		\$ (1,830,078)
After tax revenue requested	\$ 442,785		\$ 442,785
+ .6039 = required taxable income	733,209		733,209
Total Taxes to be paid	\$ 290,424		\$ 290,424

Mlbs of steam projected to be sold	97,146
Special contract steam Rundlett	5200
Abbott Downing/Christa Mac	3200
Steam sold at tariff rates Mlbs	88,746

Increase in Usage Rate - Revenue + Steam Sales 20.62

New Usage rates based on these sales:

	Existing	Proposed	Increase
First 500 Mlbs	\$ 21.50	42.12	96%
500>2000	\$ 20.34	40.96	101%
2000>	\$ 16.85	37.47	122%

32.60%

Revenue from existing usage rate	1,736,028
Additional revenue from rate Increase	\$ 1,830,078
New usage rate revenue	3,566,106
Usage rate increase	105.42%

Existing Usage	Existing Energy	New Usage	Projected New Energy	Total Old	Total New	Increase in Rates
\$ 21.50	\$ 28.25	\$ 42.12	23.21	49.75	\$ 65.33	31.32%
\$ 20.34	\$ 28.25	\$ 40.96	23.21	48.59	\$ 64.17	32.07%
\$ 16.85	\$ 28.25	\$ 37.47	23.21	45.10	\$ 60.68	34.55%
					\$ 63.39	

Concord Steam  
revised 6/14/2016, no Liberty deal Operating Income Statement  
Test Year ending Dec, 31, 2015

Alt Schedule 1

	Test Year Ended 12/31/15	Proforma Adjustments	Test Year as Performed 12/31/15	First Preceding Year 12/31/14	Second Preceding Year 12/31/13
<b>Operating Revenues</b>					
Usage Rate (Sched 1-1)	2,197,938	(461,910)	1,736,028	2,602,469	2,469,209
Fuel Charge (Sched 1-5)	3,559,279	2,709	3,561,988	3,044,601	2,858,955
Meter Charge	53,948	(10,000)	43,948	59,462	41,907
Electricity sales (note 2)	91,278	(45,000)	46,278	116,341	110,565
Other (note 3)	87,523	(7,500)	80,023	112,520	130,538
Sale of assets	-	-	-	-	-
Total Revenues	5,989,966	(521,701)	5,468,265	5,935,393	5,611,174
Revenues net of Fuel Charge	2,430,687	(624,410)	1,906,277	2,890,792	2,752,219
<b>Operating Expenses</b>					
<b>Production</b>					
Fuel Costs (see note 1)	3,561,988	-	3,561,988	3,217,292	2,815,196
Other (Sched 1-2) (note 3)	965,129	334,503	1,299,632	959,733	817,883
Distribution	252,245	8,140	260,385	284,244	232,939
Customer Accounting	47,534	20,000	67,534	41,784	38,441
Sales and New Business	1,500	-	1,500	1,436	3,460
Admin and General(Sched 1-3)	605,202	163,041	768,243	672,715	673,245
Write-off uncollectable accounts	-	200,000	200,000	-	-
<b>Taxes</b>					
Federal Income Tax/BET	(67,576)	0	(67,576)	93,054	156,771
Property	180,891	-	180,891	137,309	135,981
Depreciation	201,633	-	201,633	222,744	233,240
Amortization	(9,668)	-	(9,668)	-	(9,668)
Cost of closure (Sched 1-7)	-	-	-	-	-
Total Revenue Deductions	5,738,878	725,684	6,464,562	5,610,311	5,097,488
Operating Rents, net	100,572	-	100,572	100,516	100,516
Net Operating Income	150,516	(1,247,385)	(1,096,869)	224,566	413,170
<b>Misc non-operating revenue</b>					
Interest expense - Short Term	47,033	-	47,033	37,395	62,375
Interest expense - Long term	13,509	-	13,509	19,381	19,823
Miscellaneous expense	26,349	-	26,349	32,247	26,208
Contributions	7,075	-	7,075	7,630	7,780
Amortization	-	-	-	(9,668)	1,164
Net Income	56,550	-	(1,190,835)	137,681	311,156

Notes

- 1 Fuel costs include cost of wood and gas fuels as well as all other operating costs that are allowed to be included in the Cost of Energy. These include all wood yard expenses such as rent, loader rental, yard utilities, property taxes, diesel fuel, contract grinding, equipment maintenance, etc.
- 2 Price of power has reduced and less power generated
- 3 All revenue and expenses from customer service work has been eliminated.

Schedule 7  
DG 16-

Concord Steam revised 6/14/2016, no Liberty deal		Alt Schedule 1-1
Proforma Adjustments - Revenue Test Year ending Dec. 31, 2015		
Steam sales adjustments	Steam sales Mlbs Increase(decrease)	<u>Usage Rate Revenue</u>
Steam sales - change in customer use	(29,005)	\$ (588,792)
Change in steam sales due to correction to 30 yr average Degree Day	(3,725)	\$ (75,614) Note 1
Total change in Mlbs	<u>(32,729)</u>	
Add back in discount given to Concord High School		\$ 202,496
Total Net change in Base Rate Revenue due to correction in Mlb sales		<u>\$ (461,910)</u>
Total change to Usage Rate		\$ (461,910)

Notes:

1) Average Usage Rate used \$ 20.30

Schedule 7  
 DG 16-

Concord Steam  
 revised 6/14/2016, no Liberty deal

Alt Schedule 1-2

Proforma Adjustments - Expenses  
 Test Year ending Dec. 31, 2015

Production expenses

Cost of Increased steam production		\$	(4,927)	
See Schedule 1.4 (\$/Mlb)	\$	0.15		
Change in Mlbs (Sched 1-C)		(32,729)		
Closure of oil tanks		\$	75,000	Note 1
Additional purchased electricity		\$	45,000	
Replace MCC A		\$	35,000	2
Roof repair		\$	56,000	2
Fire safety upgrades		\$	50,000	2
Production Labor change		\$	78,430	
<b>Change in Production Expense</b>		<b>\$</b>	<b>334,503</b>	

1 Required by DES

2 Fire Marshal's investigation recommendations



Schedule 7  
DG 16-

Concord Steam  
revised 6/14/2016, no Liberty deal

Alt Schedule 1-3

Administrative and General Expenses  
Test Year ending Dec. 31, 2015

		12 Months Ended 12/31/15	Proforma Adjustments	Proformed 12 Months Ended 12/31/15	Note
General Office Salaries	1791	25,965	1,285	27,250	
General Office Supplies and Expense	1793	26,032	1,302	27,334	
Supervision Fees and Special Services	1794	137,265	96,863	234,128	1
Regulatory Commission Expense	1797	17,807	890	18,697	
Insurance	1798	142,143	7,107	149,250	
Employees Welfare and Relief	1800	211,280	52,820	264,100	2
Miscellaneous General Expense	1801	24,818	1,241	26,059	
Maintenance of General Property	1802	4,565	-	4,565	
Transportation Expense	1811	15,327	1,533	16,860	
Total		<u>605,202</u>	<u>163,041</u>	<u>768,243</u>	

Notes

- 1) Consultants, raise president's salary
- 2) Health Insurance Increase

Schedule 7  
DG 16-

Concord Steam Corp.  
revised 6/14/2016, no Liberty deal

Alt Schedule 1-B

Payroll  
Test Year ending Dec. 31, 2015

			12 Months Ended 12/31/15	Proforma Adjustments (Note 1)	Proforma 12 Months Ended 12/31/15
	Operation				
Mark	Production	1701	582,878	74,144	657,022
	Storage			-	-
	Distribution	1762	162,807	8,140	170,947
Pansy	Customer Accounts	1780	41,294	20,000	61,294
	Customer Service			-	-
	Sales			-	-
	Admin and General		<u>25,695</u>	<u>1,285</u>	<u>26,980</u>
	Total Operation		<u>812,674</u>	<u>103,569</u>	<u>916,243</u>
	Maintenance				
	Production		<u>85,717</u>	<u>4,286</u>	<u>90,003</u>
	Total Maintenance		<u>85,717</u>	<u>4,286</u>	<u>90,003</u>
	Total Payroll		<u><u>898,391</u></u>	<u><u>107,855</u></u>	<u><u>1,006,246</u></u>

Note:

- 1) 5% Increase in labor rates and increase in VP and bookkeeper salary

Schedule 7  
DG 16-

Concord Steam Degree Day Correction  
revised 6/14/2016, no Liberty deal

Alt Schedule 1-C

	2015 Actual Sales Mlbs	Steam sold non heating	Steam sold heating	Sales Adjustments	Projected lost sales during 16/17 15.0%	Actual Deg Days 2015	Deg Days 30 yr ave	Adjusted Base rate Sales
Jan-15	28,543	1,200	27,343	(2,324)	4,281	1449	1339	20,039
Feb-15	30,135	1,200	28,935	(2,239)	4,520	1569	1170	16,587
Mar-15	19,099	1,200	17,899	(1,248)	2,865	1000	960	14,320
Apr-15	11,484	1,200	10,284	(753)	1,723	625	586	8,414
May-15	2,063	1,200	863	(158.5)	309	156	286	2,182
Jun-15	1,235	1,235	0	(127)	185	79	82	923
Jul-15	1,064	1,064	0	(125)	160	8	14	779
Aug-15	986	986	0	(110)	148	0	29	728
Sep-15	947	947	0	(126)	142	80	179	679
Oct-15	7,251	1,200	6,051	(594.7)	1,088	184	505	5,569
Nov-15	11,597	1,200	10,397	(750)	1,740	697	800	10,533
Dec-15	15,471	1,200	14,271	(967)	2,321	894	1177	16,395
	129,875	13,832	116,043	-9,523	19,481	6741	7127	97,146

Difference in degree days - 2015 vs average

94.6%  
105.7%

Adjusted total sales before DD correction

100,870

Change in steam sales due to degree day corrections only

(3,725)

Net change in steam sales after all corrections and adjustments

(32,729)

Schedule 7  
DG 16-

Concord Steam  
revised 6/14/2016, no Liberty deal

Alt Schedule 3

Rate Base  
Test Year ending Dec. 31, 2015

	Jurisdictional Test Year Average	Jurisdictional 13 month Average	Adjustments	Total Proformed Test year
Plant in service (Sched 3B)	12,823,404	12,813,060	0	12,813,060
Less: accumulated Depreciation	(6,394,724)	(6,386,457)	0	(6,386,457)
Plant Held for future use				
Net Utility Plant	6,428,680	6,426,604	0	6,426,604
Plus				
Cash working capital Schedule 3-A	796,646	796,646		796,646
Materials and supplies Schedule 3-B	109,260	112,005		112,005
Prepayments	65,307	62,375		62,375
Deferred Taxes (sched 2)	555,515	555,093		555,093
Less				
Deferred Taxes (Sched 2)	1,186,997	1,187,054		1,187,054
Investment tax credit				
Customer deposits (Sched 3-B)	1,050	1,054		1,054
Customer advances				
Contribution in aid of construction	671,975	671,975		671,975
CIAC accum amortization	(119,189)	(119,127)		(119,127)
Rate Base	5,976,197	5,973,512		5,973,512
Net Operating Income applied to rate base	150,516	150,516		(1,096,869)
Rate of return	2.52%	2.52%		-18.36%

Concord Steam  
DG -

Schedule 8

Projected Costs with winter wood only						Projected MMBtu's with winter wood only				
	Nat. Gas	Add. NG	Wood	OPC*	Total	Nat. Gas	Add NG	Wood	Total	
Sep-16	\$ 25,499	\$ 53,874	\$ -	\$ 9,650	\$ 89,023	Sep-16	3,150	8,660	-	11,810
Oct-16	\$ 65,246	\$ 127,653	\$ -	\$ 17,953	\$ 210,852	Oct-16	8,060	20,520	-	28,580
Nov-16	\$ 104,676	\$ -	\$ 138,509	\$ 28,420	\$ 271,605	Nov-16	12,931	-	31,462	44,393
Dec-16	\$ 106,409	\$ -	\$ 182,410	\$ 40,000	\$ 328,819	Dec-16	13,145	-	41,434	54,579
Jan-17	\$ 178,090	\$ -	\$ 229,155	\$ 42,000	\$ 449,245	Jan-17	22,000	-	52,052	74,052
Feb-17	\$ 145,710	\$ -	\$ 179,274	\$ 41,187	\$ 366,171	Feb-17	18,000	-	40,722	58,722
Mar-17	\$ 99,123	\$ -	\$ 209,020	\$ 35,547	\$ 343,690	Mar-17	12,245	-	47,479	59,724
Apr-17	\$ 70,427	\$ 152,804	\$ -	\$ 92,184	\$ 315,414	Apr-17	8,700	24,563	-	33,263
May-17	\$ 37,763	\$ 123,292	\$ -	\$ 17,953	\$ 179,008	May-17	4,665	19,819	-	24,484
Jun-17	\$ -	\$ -	\$ -	\$ -	\$ -	Jun-17	-	-	-	-
Jul-17	\$ -	\$ -	\$ -	\$ -	\$ -	Jul-17	-	-	-	-
Aug-17	\$ -	\$ -	\$ -	\$ -	\$ -	Aug-17	-	-	-	-
	<u>\$ 832,943</u>	<u>\$ 457,623</u>	<u>\$ 938,368</u>	<u>\$ 324,894</u>	<u>\$ 2,553,828</u>		<u>102,896</u>	<u>73,561</u>	<u>213,148</u>	<u>389,605</u>
	\$ 8.10	\$ 6.22		-\$ 76,263	2015-16 Under Collection					
Jun-August 2017 NG contract liquidation				-\$ 44,000						
Revenue Requirement			Winter Wood	\$ 2,621,473	\$ 23.53 \$/Mlb					

