

Rate Base model

Capital Cost
 Required Return (pre tax)
 Depreciation
 OpEx
 10-year Net Present Value
 Up-front Payment
 5-year amort

CapEx

\$926,500
 10.15%
 61,767
 \$467,612.21
 \$2,900,000.00
 (\$767,946.43)

Return
 Debt

55%
 45%

9.75%
 4.50%

14.77%
 4.50%

8.13%
 2.03%
 10.15%

	MACRS R	MACRS Table	Book Depr	Delta	Tax Rate	DIT	ADIT	Rate Base	Return Required	Property Tax	Insurance	O&M	Amortization of Initial Payment	Revenue Requirement	Actual Revenues	Delta
								\$926,500								
1	5	46325	23162.5	-23162.5	34%	-7875.25	-7875.25	\$895,462	\$92,465	\$27,795	\$2,761	\$4,470	\$767,946	\$918,599.67	\$816,221.00	(\$102,378.67)
2	9.5	88017.5	23162.5	-64855	34%	-22050.7	-29926	\$850,249	\$88,595	\$26,864	\$2,761	\$4,582	\$767,946	\$913,910.55	\$660,760.00	(\$253,150.55)
3	8.55	79215.75	23162.5	-56053.3	34%	-19058.1	-48984.1	\$808,028	\$84,158	\$25,507	\$2,761	\$4,696	\$767,946	\$908,231.43	\$660,760.00	(\$247,471.43)
4	7.7	71340.5	23162.5	-48178	34%	-16380.5	-65364.6	\$768,485	\$80,008	\$24,241	\$2,761	\$4,814	\$767,946	\$902,932.72	\$660,760.00	(\$242,172.72)
5	6.93	64206.45	23162.5	-41044	34%	-13954.9	-79319.5	\$731,368	\$76,118	\$23,055	\$2,761	\$4,934	\$767,946	\$897,976.25	\$660,760.00	(\$237,216.25)
6	6.23	57720.95	23162.5	-34558.5	34%	-11749.9	-91069.4	\$696,456	\$72,462	\$21,941	\$2,761	\$5,057		\$125,384.14	\$660,760.00	\$535,375.86
7	5.9	54663.5	23162.5	-31501	34%	-10710.3	-101780	\$662,583	\$68,971	\$20,894	\$2,761	\$5,184		\$120,972.36	\$660,760.00	\$539,767.64
8	5.9	54663.5	23162.5	-31501	34%	-10710.3	-112490	\$628,710	\$65,533	\$19,877	\$2,761	\$5,313		\$116,647.67	\$660,760.00	\$544,112.33
9	5.91	54756.15	23162.5	-31593.7	34%	-10741.8	-123232	\$594,806	\$62,093	\$18,861	\$2,761	\$5,446		\$112,324.63	\$660,760.00	\$548,435.37
10	5.9	54663.5	23162.5	-31501	34%	-10710.3	-133942	\$560,933	\$58,654	\$17,844	\$2,761	\$5,582		\$108,003.97	\$660,760.00	\$552,756.03
11	5.91	54756.15	23162.5	-31593.7	34%	-10741.8	-144684	\$527,028	\$55,214	\$16,828	\$2,761	\$5,722		\$103,687.65	\$660,760.00	\$557,072.35
12	5.9	54663.5	23162.5	-31501	34%	-10710.3	-155394	\$493,156	\$51,774	\$15,811	\$2,761	\$5,865		\$99,373.88	\$660,760.00	\$561,386.12
13	5.91	54756.15	23162.5	-31593.7	34%	-10741.8	-166136	\$459,251	\$48,335	\$14,795	\$2,761	\$6,012		\$95,064.62	\$660,760.00	\$565,695.38
14	5.9	54663.5	23162.5	-31501	34%	-10710.3	-176847	\$425,378	\$44,895	\$13,778	\$2,761	\$6,162		\$90,758.09	\$660,760.00	\$570,001.91
15	5.91	54756.15	23162.5	-31593.7	34%	-10741.8	-187588	\$391,474	\$41,455	\$12,761	\$2,761	\$6,316		\$86,456.27	\$660,760.00	\$574,303.73
16	2.95	27331.75	23162.5	-4169.25	34%	-1417.55	-189006	\$366,894	\$38,487	\$11,744	\$2,761	\$6,474		\$82,628.95	\$660,760.00	\$578,131.05
17			23162.5	23162.5	34%	7875.25	-181131	\$351,607	\$36,464	\$11,007	\$2,761	\$6,636		\$80,030.13	\$660,760.00	\$580,729.87
18			23162.5	23162.5	34%	7875.25	-173256	\$336,320	\$34,912	\$10,548	\$2,761	\$6,802		\$78,185.75	\$660,760.00	\$582,574.25
19			23162.5	23162.5	34%	7875.25	-165380	\$321,032	\$33,361	\$10,090	\$2,761	\$6,972		\$76,345.52	\$660,760.00	\$584,414.48
20			23162.5	23162.5	34%	7875.25	-157505	\$305,745	\$31,809	\$9,631	\$2,761	\$7,146		\$74,509.54	\$660,760.00	\$586,250.46