

AVOIDABLE GENERATION ASSUMPTIONS

DEF-ECCR-0051

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 1
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2015
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.07
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.019
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.83%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.03
(12) Avoided Generating Unit Fuel Escalation Rate		4.55%

CC3X1 P1 - COMBINED CYCLE		unit 2
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2018
(3) Winter Capacity	MW	1,306.74
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,074.97
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	63.36
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.473
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		77.54%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	3.81
(12) Avoided Generating Unit Fuel Escalation Rate		4.11%

CC3X1 P2 - COMBINED CYCLE		unit 3
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2020
(3) Winter Capacity	MW	1,306.74
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	781.43
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	60.32
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.494
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		84.23%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	4.27
(12) Avoided Generating Unit Fuel Escalation Rate		3.93%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 4
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2021
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.46
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.034
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		2.86%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.21
(12) Avoided Generating Unit Fuel Escalation Rate		3.05%

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AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 5
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2022
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.53
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.037
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		3.09%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.61
(12) Avoided Generating Unit Fuel Escalation Rate		3.58%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 6
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2023
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.61
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.040
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		3.33%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.95
(12) Avoided Generating Unit Fuel Escalation Rate		3.12%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 7
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2027
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.91
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.052
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		2.93%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	9.75
(12) Avoided Generating Unit Fuel Escalation Rate		3.12%

CC2X1 P1 - COMBINED CYCLE		unit 8
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2028
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,150.12
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	66.91
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.595
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		40.80%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	6.38
(12) Avoided Generating Unit Fuel Escalation Rate		3.23%

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CC2X1 P2 - COMBINED CYCLE		unit 9
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2031
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	753.17
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.30
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.636
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		44.11%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.17
(12) Avoided Generating Unit Fuel Escalation Rate		3.02%

CC2X1 P1 - COMBINED CYCLE		unit 10
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2035
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,150.12
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	68.32
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.695
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		48.71%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	8.18
(12) Avoided Generating Unit Fuel Escalation Rate		2.81%

CC2X1 P2 - COMBINED CYCLE		unit 11
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2038
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	753.17
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.92
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.743
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		51.98%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	8.97
(12) Avoided Generating Unit Fuel Escalation Rate		2.59%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 12
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2041
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	64.23
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.104
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.60%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	15.24
(12) Avoided Generating Unit Fuel Escalation Rate		1.55%

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AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 13
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2042
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	64.34
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.108
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		5.46%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	15.60
(12) Avoided Generating Unit Fuel Escalation Rate		1.55%

AVOIDABLE GENERATION ASSUMPTIONS

DEF-ECCR-0055

Ewise Program Base Case

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 1
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2015
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.07
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.019
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.55%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.03
(12) Avoided Generating Unit Fuel Escalation Rate		4.53%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 2
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2017
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.19
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.024
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		3.51%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.73
(12) Avoided Generating Unit Fuel Escalation Rate		4.16%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 3
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2017
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.19
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.024
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.10%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.72
(12) Avoided Generating Unit Fuel Escalation Rate		4.16%

CC3X1 P1 - COMBINED CYCLE		unit 4
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2018
(3) Winter Capacity	MW	1,306.74
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,074.97
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	63.36
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.473
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		75.38%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	4.03
(12) Avoided Generating Unit Fuel Escalation Rate		3.98%

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CC3X1 P2 - COMBINED CYCLE		unit 5
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2020
(3) Winter Capacity	MW	1,306.74
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	781.43
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	60.32
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.494
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		82.09%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	4.27
(12) Avoided Generating Unit Fuel Escalation Rate		3.87%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 6
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2021
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.46
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.034
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		3.50%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.21
(12) Avoided Generating Unit Fuel Escalation Rate		3.05%

CC2X1 P1 - COMBINED CYCLE		unit 7
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2022
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,150.12
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	65.88
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.521
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		41.67%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	5.06
(12) Avoided Generating Unit Fuel Escalation Rate		3.06%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 8
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2029
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	63.08
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.058
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		3.11%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	10.51
(12) Avoided Generating Unit Fuel Escalation Rate		3.05%

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CC2X1 P2 - COMBINED CYCLE		unit 9
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2030
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	753.17
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.22
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.622
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		40.56%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.14
(12) Avoided Generating Unit Fuel Escalation Rate		3.06%

CC2X1 P1 - COMBINED CYCLE		unit 10
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2033
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,150.12
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	67.89
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.665
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		47.18%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	7.90
(12) Avoided Generating Unit Fuel Escalation Rate		2.92%

CC2X1 P2 - COMBINED CYCLE		unit 11
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2037
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	753.17
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	62.83
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.727
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		50.11%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	8.93
(12) Avoided Generating Unit Fuel Escalation Rate		2.74%

AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 12
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2040
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	64.12
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.100
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.05%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	14.84
(12) Avoided Generating Unit Fuel Escalation Rate		2.33%

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AGT P2 Brown field- SIMPLE CYCLE COMBUSTION TURBINE		unit 13
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2040
(3) Winter Capacity	MW	214.14
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	494.96
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	64.12
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	1.100
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		4.53%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	14.83
(12) Avoided Generating Unit Fuel Escalation Rate		2.32%

CC2X1 P1 - COMBINED CYCLE		unit 14
(1) Base Year		2013
(2) In Service Year for Avoided Generation Unit		1-Jun-2041
(3) Winter Capacity	MW	865.85
(4) Base Year Avoided Generating Unit Cost (including transmission upgrade cost)	\$/KW	1,150.12
(5) Generator Cost Escalation Rate		2.25%
(6) Generator Fixed O&M Cost (including non-escalating gas pipeline reservation cost)	\$/kw-year	69.70
(7) Generator Fixed O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(8) Avoided Gen Unit Variable O&M Cost	c/Kwh	0.794
(9) Generator Variable O&M Cost Escalation Rate		2.75 % through 2015, 2.25% beyond
(10) Generator Capacity Factor		51.75%
(11) Avoided Generating Unit Fuel Cost	c/Kwh	9.93
(12) Avoided Generating Unit Fuel Escalation Rate		2.74%

Total Fuel Costs (\$000)															Total Generation (Gwh)															Fuel Costs (cents/Awh)															3.42%																
CC&SI1P1769	AGT P2 770	AGT P2 771	CC&SI1P2772	CC&SI1P1773	CC&SI1P2774	AGT P2 775	CC&SI1P1782	AGT P2 781	CC&SI1P2785	CC&SI1P1786	AGT P2 788	AGT P2 789	AGT P2 790	AGT P2 791	CC&SI1P1769	AGT P2 770	AGT P2 771	CC&SI1P2772	CC&SI1P1773	CC&SI1P2774	AGT P2 775	CC&SI1P1782	AGT P2 781	CC&SI1P2785	CC&SI1P1786	AGT P2 788	AGT P2 789	AGT P2 790	AGT P2 791	CC&SI1P1769	AGT P2 770	AGT P2 771	CC&SI1P2772	CC&SI1P1773	CC&SI1P2774	AGT P2 775	CC&SI1P1782	AGT P2 781	CC&SI1P2785	CC&SI1P1786	AGT P2 788	AGT P2 789	AGT P2 790	AGT P2 791	CC&SI1P1769	AGT P2 770	AGT P2 771	CC&SI1P2772	CC&SI1P1773	CC&SI1P2774	AGT P2 775	CC&SI1P1782	AGT P2 781	CC&SI1P2785	CC&SI1P1786	AGT P2 788	AGT P2 789	AGT P2 790	AGT P2 791		
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	PROJECT	PROJECT	PROJECT	PROJECT	PROJECT
	AGT P2 1	CC2x1 P1 1	CC2x1 P2 1	CC3x1 P1 1	CC3x1 P2 1
Scale Factor for Expenditures (RATIO/\$K)	105,989.60	995,834.90	652,134.80	1,404,713.00	1,021,126.00
Winter Maximum Capacity (MW)	214.14	865.85	865.85	1,306.74	1,306.74
Summer Maximum Capacity (MW)	186.66	792.97	792.97	1,189.10	1,189.10
	494.96	1,150.12	753.17	1,074.97	781.43

PEF_GenUnitChar_Schedule_2012_1120_0712013.xls

		Nov2011 GFF													
		Gen 180MW CT	Gen 2x1 CC	Gen 3x1 CC	Hours of Operation- Summer	Hours of Operation- Winter	Generation- Summer	Generation- Winter	Max Capacity- Summer	Max Capacity- Winter	Capacity Factor- Summer	Capacity Factor- Winter			
		130	650	137	117	26	187	214	14%	3%					
		6	3,848	3,632	2,378	2,106	793	866	68%	5%					
		6	3,848	3,632	3,556	3,179	1,189	1,307	89%	9%					
		assuming the 3x1 values we did not use the 2012 TYPSP values because of the Levy 100% effect													
DAM Execution Rate		4.16												8.760	
CT19Gas		2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072												2.20%	
Maximum Capacity (MW)		Winter 214,130 Summer 186,675 Sum Duration 27,451 Average 200,393													
Heat Rate at Maximum (Mbtu/MWh) (Average of summer and winter values)		Winter 9,965 Summer 10,341 Average 10,168													
Heat Rate at Minimum (Mbtu/MWh) (Average of summer and winter values)		Winter 12,365 Summer 13,260 Average 12,783													
Fixed Costs (\$/kWh/year)		1st unit FOM \$1,513.97 P&M Res \$17,289.99 Total \$14,113.97													
Next unit		FOM \$1,513.97 P&M Res \$17,289.99 Total \$14,113.97													
VOM (\$/MWh)		1st unit FOM \$0.02 P&M Res \$0.02 Total \$0.04													
Next unit		FOM \$0.02 P&M Res \$0.02 Total \$0.04													
Maintenance Requirement		Forced Outage Rate % 2012 2.01													
Segment Capacity (MW)		1st segment 100,670 2nd segment 214,130												Average 12,365 13,260 10,168 100% Load	
Total Overnight Cost (\$/kWh)		1st unit CT overnight cost \$130,505 Transmission overnight cost \$40,000 Total \$173,440.86												Validation 137,630 11,22 15,448 36,11 52,454 69,756	
Next unit		CT overnight cost \$79,207 Transmission overnight cost \$25,000 Total \$104,207												Validation 85,487 11,48 10,008 38,41 52,140	
CCGas 3x1x1 501G (Fixed)		Winter 1306,749 Summer 1189,055 Sum Duration 117,684 Average 1247,917													
Heat Rate at Maximum (Mbtu/MWh) (Average of summer and winter values)		Winter 6,700 Summer 6,800 Average 6,750													
Heat Rate at Minimum (Mbtu/MWh) (Average of summer and winter values)		Winter 7,200 Summer 7,600 Average 7,400													
Fixed Costs (\$/kWh/year)		1st unit FOM \$5,644.63 P&M Res \$76,236.22 Total \$70,590.85													
Next unit		FOM \$5,644.63 P&M Res \$76,236.22 Total \$70,590.85													
VOM (\$/MWh)		1st unit FOM \$0.08 P&M Res \$0.08 Total \$0.16													
Next unit		FOM \$0.08 P&M Res \$0.08 Total \$0.16													
Maintenance Requirement (MkWh/year)		Forced Outage Rate % 2012 3.47													
Segment Capacity (MW)		1st segment 212,001 2nd segment 397,697 3rd segment 822,142 4th segment 1238,598 5th segment 1306,749												Average Winter & Summer 7,800 1 CT(50%) 6,800 1 CT(100%) 6,800 2 CT(100%) 6,700 2 CT(100%) 6,735 3 CT(100% Fixed)	
Total Overnight Cost (\$/kWh)		1st unit CT overnight cost \$802,604 Transmission overnight cost \$400,000 Total \$1,202,604												Validation 1,037,427.06 13,737 13,30 376,660 49,682 7,486 41,439	
Next unit		CT overnight cost \$211,126 Transmission overnight cost \$200,000 Total \$411,126												Validation 204,751 13,25 112,343 37,076 7,486 36,214 41,439	
CCGas 2x1x1 501G (Fixed)		Winter 7,480 Summer 7,800 Sum Duration 7,640 Average 7,640													
Heat Rate at Maximum (Mbtu/MWh) (Average of summer and winter values)		Winter 6,800 Summer 6,800 Average 6,800													
Heat Rate at Minimum (Mbtu/MWh) (Average of summer and winter values)		Winter 7,480 Summer 7,600 Average 7,540													
Fixed Costs (\$/kWh/year)		1st unit FOM \$4,989.22 P&M Res \$50,739.55 Total \$45,750.33													
Next unit		FOM \$4,989.22 P&M Res \$50,739.55 Total \$45,750.33													
VOM (\$/MWh)		1st unit FOM \$0.11 P&M Res \$0.11 Total \$0.22													
Next unit		FOM \$0.11 P&M Res \$0.11 Total \$0.22													
Maintenance Requirement (MkWh/year)		Forced Outage Rate % 2012 3.47													
Segment Capacity (MW)		1st segment 216,832 2nd segment 426,795 3rd segment 624,875 4th segment 817,242 5th segment 895,816												Average Winter & Summer 7,600 1 CT(50%) 6,700 1 CT(100%) 6,800 2 CT(100%) 6,700 2 CT(100%) 6,700 2 CT(100% Fixed)	
Total Overnight Cost (\$/kWh)		1st unit CT overnight cost \$860,523 Transmission overnight cost \$300,000 Total \$1,160,523												Validation 718,538 13,32 52,744 36,39 101,470	
Next unit		CT overnight cost \$211,126 Transmission overnight cost \$200,000 Total \$411,126												Validation 204,751 13,25 112,343 37,076 7,486 36,214 41,439	

Total	\$980,523	\$	995,835	1,200.66	3rd year	41.71%	\$296,748.19	2.25%	42.23	303,425
					4th year	7.79%	\$66,641.22	2.25%	8.06	57,916
Total Overlight Cost (\$000)										570,073
Next unit										
CO overlight cost	\$638,985	\$	552,135	Cash Flow Pattern:	1st year	13.71%	\$14,009.82	2.25%	13.3	75,875
Transmission overlight cost:	\$100,000	\$	100,000		2nd year	38.98%	\$24,204.99	2.25%	38.8	208,800
					3rd year	41.96%	\$28,891.12	2.25%	42.5	242,221
					4th year	7.36%	\$5,422.71	2.25%	7.8	43,377
Total	\$638,985	\$	652,135	786.26						

THERMAL UNIT	YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Capacity Factor	
AGT P2 770	2042						0.07	0.08	0.07	0.04	0.02	0.11	0.00	0.05	5%
AGT P2 771	2041						0.07	0.07	0.06	0.04	0.01	0.09	0.00	0.05	5%
AGT P2 771	2042	0.02	0.01	0.06	0.03	0.05	0.07	0.07	0.06	0.03	0.03	0.10	0.00	0.04	
CC2x1GP2 772	2038						0.66	0.68	0.73	0.64	0.44	0.05	0.37	0.51	52%
CC2x1GP2 772	2039	0.38	0.36	0.58	0.03	0.54	0.67	0.70	0.74	0.65	0.45	0.92	0.38	0.53	
CC2x1GP2 772	2040	0.39	0.36	0.55	0.03	0.56	0.66	0.65	0.66	0.64	0.47	0.83	0.40	0.52	
CC2x1GP2 772	2041	0.40	0.40	0.58	0.03	0.56	0.67	0.65	0.66	0.65	0.48	0.84	0.41	0.53	
CC2x1GP2 772	2042	0.41	0.41	0.57	0.59	0.57	0.68	0.66	0.67	0.66	0.48	0.05	0.42	0.51	
CC2x1GP1 773	2035						0.66	0.66	0.69	0.64	0.45	0.05	0.32	0.49	49%
CC2x1GP1 773	2036	0.36	0.31	0.05	0.56	0.55	0.67	0.67	0.71	0.65	0.44	0.89	0.36	0.52	
CC2x1GP1 773	2037	0.37	0.36	0.04	0.59	0.55	0.67	0.69	0.73	0.66	0.46	0.91	0.37	0.54	
CC2x1GP1 773	2038	0.38	0.37	0.57	0.56	0.56	0.61	0.59	0.61	0.59	0.38	0.05	0.30	0.47	
CC2x1GP1 773	2039	0.33	0.31	0.04	0.40	0.49	0.62	0.60	0.62	0.60	0.39	0.88	0.31	0.46	
CC2x1GP1 773	2040	0.35	0.31	0.48	0.46	0.51	0.62	0.60	0.62	0.60	0.42	0.05	0.34	0.45	
CC2x1GP1 773	2041	0.36	0.35	0.05	0.45	0.52	0.63	0.61	0.62	0.61	0.43	0.79	0.35	0.48	
CC2x1GP1 773	2042	0.37	0.36	0.51	0.03	0.52	0.64	0.62	0.63	0.61	0.43	0.81	0.36	0.49	
CC2x1GP2 774	2031						0.60	0.59	0.60	0.57	0.38	0.04	0.26	0.43	44%
CC2x1GP2 774	2032	0.29	0.24	0.42	0.42	0.48	0.61	0.60	0.61	0.59	0.37	0.05	0.27	0.41	
CC2x1GP2 774	2033	0.32	0.30	0.48	0.49	0.49	0.62	0.59	0.60	0.58	0.38	0.05	0.31	0.43	
CC2x1GP2 774	2034	0.33	0.32	0.03	0.54	0.57	0.68	0.68	0.71	0.66	0.45	0.85	0.32	0.51	
CC2x1GP2 774	2035	0.34	0.33	0.05	0.51	0.57	0.61	0.60	0.61	0.58	0.38	0.77	0.26	0.47	
CC2x1GP2 774	2036	0.31	0.26	0.57	0.48	0.49	0.62	0.61	0.62	0.60	0.38	0.05	0.29	0.44	
CC2x1GP2 774	2037	0.32	0.30	0.38	0.03	0.50	0.63	0.61	0.63	0.61	0.40	0.87	0.30	0.47	
CC2x1GP2 774	2038	0.33	0.31	0.04	0.49	0.51	0.56	0.54	0.55	0.53	0.32	0.86	0.24	0.44	
CC2x1GP2 774	2039	0.28	0.26	0.49	0.34	0.44	0.57	0.55	0.56	0.54	0.33	0.05	0.25	0.39	
CC2x1GP2 774	2040	0.31	0.26	0.04	0.41	0.46	0.58	0.56	0.57	0.55	0.37	0.78	0.29	0.43	
CC2x1GP2 774	2041	0.32	0.30	0.50	0.40	0.47	0.59	0.57	0.58	0.56	0.39	0.05	0.30	0.42	
CC2x1GP2 774	2042	0.32	0.31	0.04	0.53	0.48	0.59	0.57	0.59	0.57	0.39	0.76	0.31	0.45	
CC2x1GP1 775	2028						0.60	0.59	0.61	0.57	0.37	0.05	0.23	0.43	41%
CC2x1GP1 775	2029	0.27	0.25	0.02	0.44	0.48	0.61	0.60	0.62	0.58	0.37	0.78	0.24	0.44	
CC2x1GP1 775	2030	0.28	0.26	0.04	0.43	0.49	0.62	0.61	0.62	0.59	0.38	0.63	0.26	0.43	
CC2x1GP1 775	2031	0.29	0.27	0.04	0.47	0.50	0.55	0.53	0.54	0.51	0.32	0.68	0.20	0.41	
CC2x1GP1 775	2032	0.25	0.19	0.35	0.02	0.42	0.56	0.54	0.55	0.53	0.32	0.77	0.21	0.39	
CC2x1GP1 775	2033	0.27	0.24	0.39	0.03	0.43	0.57	0.53	0.54	0.52	0.32	0.74	0.25	0.40	
CC2x1GP1 775	2034	0.29	0.26	0.36	0.03	0.51	0.63	0.62	0.64	0.60	0.38	0.79	0.26	0.45	
CC2x1GP1 775	2035	0.29	0.27	0.05	0.44	0.51	0.56	0.54	0.56	0.53	0.32	0.70	0.20	0.41	
CC2x1GP1 775	2036	0.27	0.21	0.48	0.03	0.44	0.57	0.55	0.57	0.54	0.32	0.83	0.23	0.42	
CC2x1GP1 775	2037	0.28	0.25	0.30	0.50	0.44	0.58	0.56	0.57	0.55	0.34	0.05	0.24	0.39	
CC2x1GP1 775	2038	0.29	0.26	0.48	0.03	0.45	0.51	0.49	0.50	0.48	0.27	0.80	0.19	0.40	
CC2x1GP1 775	2039	0.24	0.22	0.04	0.28	0.39	0.52	0.50	0.51	0.49	0.28	0.82	0.20	0.37	
CC2x1GP1 775	2040	0.27	0.22	0.04	0.36	0.42	0.53	0.51	0.53	0.50	0.33	0.73	0.24	0.39	
CC2x1GP1 775	2041	0.28	0.25	0.04	0.35	0.43	0.54	0.52	0.54	0.51	0.34	0.73	0.25	0.40	
CC2x1GP1 775	2042	0.28	0.26	0.44	0.47	0.43	0.55	0.53	0.55	0.52	0.34	0.04	0.26	0.39	
AGT P2 776	2027						0.07	0.06	0.07	0.05	0.01	0.01	0.00	0.04	3%
AGT P2 776	2028	0.02	0.00	0.03	0.02	0.04	0.05	0.04	0.04	0.03	0.01	0.04	0.00	0.03	
AGT P2 776	2029	0.01	0.00	0.01	0.03	0.02	0.05	0.05	0.05	0.04	0.01	0.02	0.00	0.02	

AGT P2 776	2030	0.01	0.00	0.02	0.03	0.03	0.06	0.05	0.05	0.04	0.01	0.02	0.00	0.03
AGT P2 776	2031	0.02	0.00	0.03	0.03	0.05	0.05	0.05	0.04	0.02	0.01	0.06	0.00	0.03
AGT P2 776	2032	0.01	0.00	0.02	0.01	0.03	0.06	0.05	0.04	0.03	0.01	0.03	0.00	0.02
AGT P2 776	2033	0.01	0.00	0.01	0.04	0.04	0.06	0.04	0.05	0.03	0.01	0.03	0.00	0.03
AGT P2 776	2034	0.01	0.00	0.03	0.04	0.04	0.07	0.06	0.05	0.04	0.01	0.07	0.00	0.03
AGT P2 776	2035	0.02	0.00	0.02	0.03	0.04	0.05	0.04	0.03	0.02	0.00	0.04	0.00	0.03
AGT P2 776	2036	0.01	0.00	0.03	0.01	0.03	0.05	0.05	0.04	0.03	0.01	0.04	0.00	0.02
AGT P2 776	2037	0.01	0.00	0.02	0.02	0.03	0.06	0.05	0.04	0.03	0.01	0.05	0.00	0.03
AGT P2 776	2038	0.01	0.00	0.01	0.03	0.04	0.04	0.04	0.03	0.02	0.01	0.04	0.00	0.02
AGT P2 776	2039	0.01	0.00	0.01	0.02	0.03	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 776	2040	0.02	0.00	0.05	0.02	0.04	0.07	0.07	0.06	0.03	0.02	0.08	0.00	0.04
AGT P2 776	2041	0.02	0.00	0.02	0.04	0.04	0.06	0.07	0.06	0.03	0.02	0.07	0.00	0.04
AGT P2 776	2042	0.02	0.00	0.05	0.05	0.04	0.06	0.06	0.06	0.03	0.01	0.08	0.00	0.04
AGT P2 783	2023						0.12	0.10	0.11	0.09	0.02	0.21	0.01	0.09
AGT P2 783	2024	0.09	0.04	0.15	0.18	0.07	0.14	0.12	0.13	0.11	0.05	0.11	0.01	0.10
AGT P2 783	2025	0.04	0.01	0.05	0.04	0.04	0.07	0.07	0.07	0.05	0.02	0.08	0.00	0.05
AGT P2 783	2026	0.02	0.00	0.03	0.03	0.02	0.04	0.04	0.04	0.03	0.01	0.06	0.00	0.03
AGT P2 783	2027	0.02	0.01	0.04	0.03	0.02	0.06	0.06	0.06	0.04	0.01	0.02	0.00	0.03
AGT P2 783	2028	0.02	0.00	0.03	0.04	0.03	0.04	0.04	0.04	0.03	0.01	0.03	0.00	0.03
AGT P2 783	2029	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 783	2030	0.01	0.00	0.02	0.01	0.02	0.05	0.04	0.05	0.03	0.01	0.02	0.00	0.02
AGT P2 783	2031	0.01	0.00	0.01	0.03	0.04	0.05	0.04	0.03	0.02	0.01	0.05	0.00	0.02
AGT P2 783	2032	0.01	0.00	0.02	0.03	0.03	0.05	0.05	0.04	0.02	0.00	0.02	0.00	0.02
AGT P2 783	2033	0.01	0.00	0.02	0.02	0.03	0.06	0.04	0.04	0.02	0.01	0.02	0.00	0.02
AGT P2 783	2034	0.01	0.00	0.01	0.03	0.03	0.06	0.06	0.04	0.03	0.01	0.05	0.00	0.03
AGT P2 783	2035	0.01	0.00	0.02	0.01	0.04	0.04	0.04	0.03	0.02	0.01	0.03	0.00	0.02
AGT P2 783	2036	0.01	0.00	0.02	0.02	0.03	0.05	0.04	0.03	0.02	0.00	0.03	0.00	0.02
AGT P2 783	2037	0.01	0.00	0.01	0.03	0.03	0.05	0.05	0.04	0.02	0.01	0.04	0.00	0.02
AGT P2 783	2038	0.01	0.00	0.02	0.03	0.03	0.04	0.03	0.03	0.01	0.00	0.03	0.00	0.02
AGT P2 783	2039	0.01	0.00	0.01	0.01	0.02	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 783	2040	0.01	0.00	0.04	0.04	0.04	0.06	0.06	0.05	0.03	0.02	0.04	0.00	0.03
AGT P2 783	2041	0.02	0.00	0.04	0.02	0.04	0.06	0.06	0.05	0.03	0.02	0.06	0.00	0.03
AGT P2 783	2042	0.02	0.00	0.03	0.05	0.04	0.06	0.06	0.05	0.03	0.02	0.07	0.00	0.04
AGT P2 784	2022						0.11	0.10	0.11	0.08	0.03	0.09	0.01	0.07
AGT P2 784	2023	0.08	0.04	0.06	0.12	0.06	0.11	0.09	0.10	0.08	0.03	0.16	0.01	0.08
AGT P2 784	2024	0.08	0.03	0.12	0.08	0.06	0.12	0.10	0.11	0.10	0.04	0.18	0.01	0.09
AGT P2 784	2025	0.04	0.01	0.04	0.07	0.03	0.07	0.06	0.06	0.05	0.01	0.03	0.00	0.04
AGT P2 784	2026	0.01	0.00	0.02	0.05	0.02	0.04	0.03	0.03	0.02	0.00	0.04	0.00	0.02
AGT P2 784	2027	0.02	0.00	0.02	0.05	0.02	0.05	0.05	0.05	0.03	0.01	0.01	0.00	0.03
AGT P2 784	2028	0.02	0.00	0.01	0.03	0.03	0.04	0.03	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 784	2029	0.01	0.00	0.01	0.01	0.02	0.04	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 784	2030	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.04	0.03	0.01	0.02	0.00	0.02
AGT P2 784	2031	0.01	0.00	0.02	0.01	0.04	0.04	0.04	0.03	0.02	0.01	0.04	0.00	0.02
AGT P2 784	2032	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.00	0.02	0.00	0.02
AGT P2 784	2033	0.01	0.00	0.02	0.03	0.03	0.05	0.03	0.04	0.02	0.00	0.01	0.00	0.02
AGT P2 784	2034	0.01	0.00	0.02	0.01	0.03	0.06	0.05	0.04	0.03	0.01	0.04	0.00	0.03
AGT P2 784	2035	0.01	0.00	0.01	0.02	0.03	0.04	0.03	0.03	0.02	0.01	0.02	0.00	0.02

3%

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AGT P2 784	2036	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 784	2037	0.01	0.00	0.01	0.01	0.03	0.05	0.04	0.03	0.02	0.01	0.03	0.00	0.02
AGT P2 784	2038	0.01	0.00	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.02
AGT P2 784	2039	0.00	0.00	0.01	0.01	0.02	0.04	0.03	0.03	0.01	0.00	0.01	0.00	0.01
AGT P2 784	2040	0.01	0.00	0.03	0.02	0.03	0.05	0.06	0.05	0.03	0.02	0.06	0.00	0.03
AGT P2 784	2041	0.01	0.00	0.02	0.03	0.04	0.05	0.05	0.05	0.02	0.02	0.06	0.00	0.03
AGT P2 784	2042	0.01	0.00	0.04	0.02	0.04	0.05	0.05	0.05	0.02	0.02	0.06	0.00	0.03
AGT P2 785	2021						0.10	0.09	0.10	0.07	0.03	0.06	0.01	0.07
AGT P2 785	2022	0.07	0.03	0.05	0.11	0.06	0.10	0.09	0.09	0.07	0.02	0.15	0.01	0.07
AGT P2 785	2023	0.07	0.04	0.10	0.10	0.05	0.09	0.08	0.09	0.07	0.03	0.07	0.01	0.07
AGT P2 785	2024	0.07	0.02	0.10	0.08	0.06	0.11	0.09	0.10	0.08	0.03	0.14	0.01	0.07
AGT P2 785	2025	0.03	0.01	0.02	0.06	0.03	0.06	0.05	0.06	0.04	0.01	0.05	0.00	0.03
AGT P2 785	2026	0.01	0.00	0.01	0.04	0.01	0.03	0.03	0.03	0.02	0.00	0.03	0.00	0.02
AGT P2 785	2027	0.01	0.00	0.03	0.02	0.02	0.05	0.04	0.05	0.03	0.01	0.01	0.00	0.02
AGT P2 785	2028	0.01	0.00	0.02	0.03	0.02	0.03	0.03	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 785	2029	0.01	0.00	0.00	0.02	0.01	0.04	0.03	0.03	0.02	0.00	0.01	0.00	0.01
AGT P2 785	2030	0.01	0.00	0.01	0.01	0.02	0.04	0.03	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 785	2031	0.01	0.00	0.02	0.02	0.03	0.04	0.03	0.02	0.01	0.00	0.03	0.00	0.02
AGT P2 785	2032	0.00	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 785	2033	0.01	0.00	0.01	0.02	0.02	0.04	0.03	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 785	2034	0.01	0.00	0.02	0.02	0.02	0.05	0.04	0.03	0.03	0.00	0.03	0.00	0.02
AGT P2 785	2035	0.01	0.00	0.01	0.02	0.03	0.04	0.03	0.02	0.01	0.00	0.02	0.00	0.02
AGT P2 785	2036	0.00	0.00	0.01	0.01	0.02	0.04	0.03	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 785	2037	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.01	0.03	0.00	0.02
AGT P2 785	2038	0.01	0.00	0.02	0.01	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.00	0.01
AGT P2 785	2039	0.00	0.00	0.01	0.00	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 785	2040	0.01	0.00	0.03	0.03	0.03	0.05	0.05	0.04	0.02	0.01	0.03	0.00	0.03
AGT P2 785	2041	0.01	0.00	0.03	0.02	0.03	0.05	0.05	0.04	0.02	0.01	0.05	0.00	0.03
AGT P2 785	2042	0.01	0.00	0.04	0.02	0.03	0.05	0.05	0.04	0.02	0.02	0.05	0.00	0.03
CC3x1GP2 787	2020						0.94	0.94	0.94	0.94	0.94	0.07	0.92	0.81
CC3x1GP2 787	2021	0.89	0.89	0.95	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85
CC3x1GP2 787	2022	0.89	0.90	0.95	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85
CC3x1GP2 787	2023	0.88	0.89	0.95	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85
CC3x1GP2 787	2024	0.98	0.97	0.09	0.99	0.94	0.94	0.94	0.94	0.94	0.94	0.99	0.97	0.88
CC3x1GP2 787	2025	0.91	0.93	0.96	0.98	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.94	0.87
CC3x1GP2 787	2026	0.79	0.81	0.91	0.91	0.92	0.94	0.94	0.94	0.94	0.91	0.06	0.83	0.82
CC3x1GP2 787	2027	0.80	0.81	0.91	0.91	0.93	0.94	0.94	0.94	0.94	0.92	0.06	0.83	0.83
CC3x1GP2 787	2028	0.81	0.81	0.91	0.91	0.94	0.94	0.94	0.94	0.94	0.93	0.06	0.84	0.83
CC3x1GP2 787	2029	0.82	0.84	0.85	0.92	0.94	0.94	0.94	0.94	0.94	0.93	0.06	0.85	0.83
CC3x1GP2 787	2030	0.83	0.85	0.92	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.86	0.84
CC3x1GP2 787	2031	0.84	0.85	0.93	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.87	0.84
CC3x1GP2 787	2032	0.85	0.84	0.94	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.88	0.84
CC3x1GP2 787	2033	0.86	0.86	0.94	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.88	0.85
CC3x1GP2 787	2034	0.86	0.87	0.90	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.89	0.85
CC3x1GP2 787	2035	0.87	0.87	0.94	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.89	0.85
CC3x1GP2 787	2036	0.87	0.87	0.95	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.90	0.85
CC3x1GP2 787	2037	0.87	0.89	0.91	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.90	0.85

3%

84%

CC3x1GP2 787	2038	0.87	0.89	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85
CC3x1GP2 787	2039	0.88	0.88	0.95	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85
CC3x1GP2 787	2040	0.83	0.84	0.91	0.83	0.88	0.93	0.94	0.93	0.94	0.86	0.06	0.88	0.82
CC3x1GP2 787	2041	0.84	0.86	0.91	0.84	0.89	0.94	0.94	0.93	0.94	0.86	0.06	0.88	0.82
CC3x1GP2 787	2042	0.84	0.87	0.92	0.90	0.89	0.94	0.94	0.94	0.94	0.86	0.06	0.89	0.83
CC3x1GP1 788	2018						0.94	0.94	0.94	0.94	0.93	0.07	0.95	0.81
CC3x1GP1 788	2019	0.93	0.93	0.98	0.98	0.94	0.94	0.94	0.94	0.94	0.94	0.07	0.95	0.87
CC3x1GP1 788	2020	0.98	0.98	0.98	0.98	0.94	0.91	0.93	0.94	0.91	0.84	0.07	0.86	0.86
CC3x1GP1 788	2021	0.82	0.83	0.91	0.88	0.85	0.91	0.93	0.94	0.91	0.85	0.06	0.85	0.81
CC3x1GP1 788	2022	0.80	0.82	0.91	0.88	0.84	0.91	0.93	0.94	0.91	0.83	0.06	0.84	0.81
CC3x1GP1 788	2023	0.80	0.80	0.91	0.89	0.86	0.92	0.94	0.94	0.91	0.84	0.06	0.85	0.81
CC3x1GP1 788	2024	0.98	0.97	0.98	0.99	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.97	0.88
CC3x1GP1 788	2025	0.88	0.89	0.92	0.95	0.90	0.94	0.94	0.94	0.94	0.89	0.06	0.91	0.85
CC3x1GP1 788	2026	0.61	0.63	0.82	0.83	0.70	0.81	0.84	0.86	0.81	0.63	0.06	0.67	0.69
CC3x1GP1 788	2027	0.62	0.63	0.84	0.84	0.70	0.83	0.85	0.87	0.82	0.64	0.06	0.68	0.70
CC3x1GP1 788	2028	0.63	0.61	0.84	0.83	0.72	0.83	0.86	0.88	0.82	0.65	0.06	0.70	0.70
CC3x1GP1 788	2029	0.64	0.67	0.71	0.86	0.73	0.84	0.87	0.89	0.83	0.64	0.06	0.71	0.71
CC3x1GP1 788	2030	0.65	0.68	0.85	0.86	0.74	0.85	0.88	0.90	0.84	0.66	0.06	0.72	0.73
CC3x1GP1 788	2031	0.66	0.68	0.87	0.86	0.75	0.86	0.89	0.91	0.85	0.71	0.06	0.74	0.74
CC3x1GP1 788	2032	0.67	0.68	0.89	0.87	0.76	0.87	0.90	0.92	0.86	0.70	0.06	0.75	0.74
CC3x1GP1 788	2033	0.69	0.73	0.89	0.88	0.77	0.88	0.91	0.93	0.87	0.72	0.06	0.78	0.76
CC3x1GP1 788	2034	0.72	0.76	0.83	0.90	0.80	0.89	0.93	0.94	0.88	0.73	0.06	0.79	0.77
CC3x1GP1 788	2035	0.73	0.76	0.90	0.90	0.81	0.90	0.93	0.94	0.89	0.75	0.06	0.80	0.78
CC3x1GP1 788	2036	0.74	0.76	0.91	0.91	0.82	0.91	0.94	0.94	0.90	0.77	0.06	0.81	0.79
CC3x1GP1 788	2037	0.76	0.80	0.84	0.91	0.83	0.92	0.94	0.94	0.90	0.79	0.06	0.82	0.79
CC3x1GP1 788	2038	0.77	0.81	0.92	0.91	0.84	0.93	0.94	0.94	0.91	0.80	0.06	0.83	0.81
CC3x1GP1 788	2039	0.78	0.80	0.92	0.86	0.85	0.94	0.94	0.94	0.92	0.82	0.06	0.84	0.81
CC3x1GP1 788	2040	0.72	0.72	0.85	0.73	0.76	0.83	0.82	0.82	0.82	0.71	0.06	0.78	0.72
CC3x1GP1 788	2041	0.72	0.76	0.85	0.74	0.76	0.83	0.82	0.82	0.83	0.72	0.06	0.79	0.73
CC3x1GP1 788	2042	0.73	0.77	0.86	0.83	0.77	0.84	0.83	0.83	0.83	0.71	0.06	0.80	0.74
AGT P2 799	2015						0.24	0.22	0.24	0.26	0.19	0.04	0.07	0.18
AGT P2 799	2016	0.08	0.03	0.06	0.22	0.25	0.51	0.48	0.50	0.44	0.21	0.32	0.11	0.27
AGT P2 799	2017	0.06	0.02	0.03	0.03	0.05	0.13	0.11	0.13	0.10	0.03	0.14	0.01	0.07
AGT P2 799	2018	0.09	0.05	0.04	0.11	0.09	0.09	0.07	0.08	0.07	0.03	0.17	0.01	0.07
AGT P2 799	2019	0.04	0.02	0.07	0.05	0.05	0.10	0.08	0.09	0.07	0.04	0.23	0.01	0.07
AGT P2 799	2020	0.09	0.05	0.04	0.11	0.11	0.09	0.08	0.09	0.07	0.03	0.16	0.01	0.08
AGT P2 799	2021	0.06	0.03	0.06	0.05	0.05	0.09	0.08	0.09	0.06	0.02	0.11	0.01	0.06
AGT P2 799	2022	0.06	0.03	0.08	0.05	0.05	0.08	0.08	0.08	0.06	0.02	0.12	0.01	0.06
AGT P2 799	2023	0.06	0.03	0.05	0.09	0.05	0.08	0.07	0.08	0.06	0.02	0.11	0.00	0.06
AGT P2 799	2024	0.06	0.02	0.09	0.07	0.05	0.10	0.08	0.09	0.07	0.03	0.11	0.01	0.06
AGT P2 799	2025	0.02	0.01	0.03	0.03	0.02	0.05	0.04	0.05	0.03	0.01	0.04	0.00	0.03
AGT P2 799	2026	0.01	0.00	0.01	0.03	0.01	0.03	0.02	0.03	0.01	0.00	0.02	0.00	0.02
AGT P2 799	2027	0.01	0.00	0.02	0.02	0.01	0.04	0.04	0.04	0.03	0.00	0.01	0.00	0.02
AGT P2 799	2028	0.01	0.00	0.01	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.00	0.01
AGT P2 799	2029	0.00	0.00	0.00	0.01	0.01	0.03	0.03	0.03	0.02	0.00	0.01	0.00	0.01
AGT P2 799	2030	0.01	0.00	0.00	0.01	0.02	0.03	0.03	0.03	0.02	0.00	0.01	0.00	0.01
AGT P2 799	2031	0.01	0.00	0.01	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.00	0.01

78%

5%

AGT P2 799	2032	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2033	0.00	0.00	0.01	0.01	0.02	0.04	0.03	0.03	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2034	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 799	2035	0.01	0.00	0.01	0.01	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2036	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2037	0.00	0.00	0.01	0.01	0.02	0.04	0.03	0.03	0.01	0.00	0.02	0.00	0.02
AGT P2 799	2038	0.01	0.00	0.01	0.02	0.02	0.03	0.02	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2039	0.00	0.00	0.01	0.00	0.02	0.03	0.03	0.02	0.01	0.00	0.00	0.00	0.01

THERMAL UNIT	YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Capacity Factor	
CC2x1GP1 769	2042	0.40	0.39	0.04	0.63	0.55	0.65	0.63	0.65	0.63	0.47	0.77	0.40	0.52	52%
AGT P2 770	2040						0.08	0.08	0.07	0.04	0.02	0.11	0.00	0.06	5%
AGT P2 770	2041	0.02	0.01	0.05	0.04	0.05	0.07	0.07	0.07	0.04	0.01	0.06	0.00	0.04	
AGT P2 770	2042	0.02	0.00	0.05	0.06	0.04	0.06	0.07	0.06	0.03	0.03	0.03	0.00	0.04	
AGT P2 771	2040						0.07	0.07	0.06	0.04	0.02	0.09	0.00	0.05	4%
AGT P2 771	2041	0.02	0.01	0.04	0.02	0.04	0.07	0.07	0.06	0.03	0.02	0.05	0.00	0.04	
AGT P2 771	2042	0.02	0.00	0.04	0.03	0.04	0.06	0.06	0.05	0.03	0.02	0.05	0.00	0.03	
CC2x1GP2 772	2038	0.37	0.36	0.54	0.03	0.53	0.66	0.68	0.73	0.64	0.44	0.90	0.37	0.52	50%
CC2x1GP2 772	2039	0.38	0.36	0.59	0.03	0.54	0.67	0.70	0.74	0.65	0.45	0.90	0.38	0.53	
CC2x1GP2 772	2040	0.39	0.36	0.57	0.03	0.56	0.66	0.64	0.66	0.64	0.48	0.83	0.40	0.52	
CC2x1GP2 772	2041	0.37	0.37	0.52	0.03	0.52	0.61	0.60	0.61	0.60	0.44	0.77	0.37	0.48	
CC2x1GP2 772	2042	0.35	0.34	0.47	0.58	0.50	0.61	0.59	0.61	0.59	0.42	0.05	0.34	0.45	
CC2x1GP1 773	2034	0.32	0.31	0.03	0.48	0.53	0.65	0.65	0.68	0.63	0.42	0.84	0.31	0.49	47%
CC2x1GP1 773	2035	0.33	0.31	0.03	0.52	0.54	0.66	0.66	0.69	0.64	0.44	0.85	0.32	0.50	
CC2x1GP1 773	2036	0.36	0.31	0.04	0.56	0.55	0.67	0.67	0.71	0.65	0.45	0.93	0.36	0.52	
CC2x1GP1 773	2037	0.34	0.33	0.48	0.03	0.51	0.62	0.63	0.67	0.61	0.43	0.81	0.34	0.48	
CC2x1GP1 773	2038	0.32	0.30	0.04	0.40	0.48	0.61	0.59	0.61	0.59	0.38	0.85	0.30	0.46	
CC2x1GP1 773	2039	0.33	0.31	0.05	0.40	0.49	0.62	0.60	0.62	0.60	0.39	0.86	0.31	0.46	
CC2x1GP1 773	2040	0.35	0.31	0.05	0.45	0.51	0.62	0.60	0.62	0.60	0.43	0.78	0.34	0.47	
CC2x1GP1 773	2041	0.33	0.32	0.04	0.41	0.47	0.58	0.56	0.57	0.55	0.39	0.73	0.32	0.44	
CC2x1GP1 773	2042	0.31	0.29	0.41	0.03	0.46	0.57	0.55	0.57	0.54	0.37	0.71	0.29	0.43	
CC2x1GP2 774	2031	0.28	0.26	0.43	0.02	0.47	0.60	0.59	0.60	0.57	0.38	0.77	0.26	0.44	41%
CC2x1GP2 774	2032	0.29	0.24	0.42	0.42	0.48	0.61	0.60	0.61	0.59	0.37	0.05	0.27	0.41	
CC2x1GP2 774	2033	0.29	0.27	0.44	0.44	0.45	0.57	0.54	0.55	0.53	0.35	0.04	0.28	0.40	
CC2x1GP2 774	2034	0.28	0.25	0.36	0.41	0.48	0.60	0.59	0.61	0.57	0.36	0.05	0.25	0.40	
CC2x1GP2 774	2035	0.28	0.26	0.34	0.03	0.48	0.61	0.60	0.61	0.58	0.38	0.79	0.26	0.44	
CC2x1GP2 774	2036	0.31	0.26	0.39	0.48	0.49	0.62	0.61	0.62	0.60	0.39	0.06	0.29	0.43	
CC2x1GP2 774	2037	0.30	0.28	0.41	0.53	0.46	0.57	0.56	0.58	0.56	0.37	0.05	0.28	0.41	
CC2x1GP2 774	2038	0.27	0.25	0.45	0.33	0.43	0.56	0.54	0.55	0.53	0.32	0.05	0.24	0.38	
CC2x1GP2 774	2039	0.28	0.26	0.49	0.34	0.44	0.57	0.55	0.56	0.54	0.33	0.05	0.25	0.39	
CC2x1GP2 774	2040	0.31	0.26	0.50	0.40	0.46	0.58	0.56	0.57	0.55	0.38	0.05	0.29	0.41	
CC2x1GP2 774	2041	0.29	0.27	0.45	0.36	0.43	0.54	0.52	0.53	0.51	0.35	0.04	0.27	0.38	
CC2x1GP2 774	2042	0.27	0.25	0.03	0.52	0.41	0.53	0.51	0.52	0.50	0.33	0.65	0.24	0.40	
AGT P2 775	2029						0.07	0.06	0.06	0.05	0.01	0.03	0.00	0.04	3%
AGT P2 775	2030	0.02	0.00	0.01	0.04	0.03	0.07	0.06	0.06	0.05	0.02	0.03	0.00	0.03	
AGT P2 775	2031	0.01	0.00	0.03	0.02	0.04	0.07	0.06	0.05	0.03	0.02	0.05	0.00	0.03	
AGT P2 775	2032	0.02	0.00	0.04	0.03	0.04	0.07	0.07	0.05	0.04	0.02	0.02	0.00	0.03	
AGT P2 775	2033	0.02	0.00	0.02	0.05	0.04	0.07	0.05	0.05	0.03	0.02	0.03	0.00	0.03	
AGT P2 775	2034	0.01	0.00	0.01	0.03	0.03	0.06	0.05	0.04	0.03	0.01	0.04	0.00	0.03	
AGT P2 775	2035	0.01	0.00	0.02	0.03	0.03	0.06	0.06	0.05	0.03	0.01	0.03	0.00	0.03	
AGT P2 775	2036	0.01	0.00	0.01	0.02	0.04	0.07	0.06	0.05	0.03	0.01	0.03	0.00	0.03	
AGT P2 775	2037	0.01	0.00	0.02	0.05	0.04	0.06	0.06	0.05	0.03	0.02	0.02	0.00	0.03	
AGT P2 775	2038	0.01	0.00	0.02	0.02	0.03	0.05	0.05	0.04	0.02	0.01	0.04	0.00	0.02	
AGT P2 775	2039	0.01	0.00	0.02	0.02	0.03	0.06	0.05	0.04	0.03	0.01	0.02	0.00	0.02	
AGT P2 775	2040	0.03	0.00	0.03	0.05	0.05	0.07	0.07	0.06	0.03	0.03	0.08	0.00	0.04	
AGT P2 775	2041	0.02	0.00	0.04	0.04	0.04	0.06	0.06	0.06	0.03	0.02	0.02	0.00	0.03	

AGT P2 775	2042	0.01	0.00	0.02	0.05	0.03	0.05	0.06	0.05	0.02	0.02	0.05	0.00	0.03	
CC2x1GP1 782	2023	0.40	0.38	0.44	0.03	0.64	0.74	0.75	0.78	0.73	0.54	0.97	0.39	0.57	42%
CC2x1GP1 782	2024	0.53	0.50	0.06	0.62	0.74	0.79	0.79	0.80	0.79	0.71	0.87	0.54	0.65	
CC2x1GP1 782	2025	0.39	0.38	0.04	0.57	0.62	0.75	0.78	0.79	0.72	0.53	0.86	0.39	0.57	
CC2x1GP1 782	2026	0.25	0.21	0.33	0.02	0.45	0.59	0.57	0.59	0.55	0.33	0.73	0.21	0.40	
CC2x1GP1 782	2027	0.25	0.23	0.40	0.02	0.46	0.60	0.58	0.60	0.57	0.34	0.70	0.22	0.41	
CC2x1GP1 782	2028	0.26	0.20	0.43	0.42	0.47	0.60	0.59	0.61	0.57	0.36	0.04	0.23	0.40	
CC2x1GP1 782	2029	0.27	0.25	0.02	0.39	0.48	0.61	0.60	0.62	0.58	0.37	0.82	0.24	0.44	
CC2x1GP1 782	2030	0.26	0.23	0.02	0.37	0.45	0.57	0.56	0.57	0.54	0.35	0.73	0.23	0.41	
CC2x1GP1 782	2031	0.24	0.21	0.35	0.31	0.41	0.55	0.53	0.54	0.51	0.32	0.04	0.20	0.35	
CC2x1GP1 782	2032	0.25	0.19	0.35	0.02	0.42	0.56	0.54	0.55	0.53	0.32	0.77	0.21	0.39	
CC2x1GP1 782	2033	0.25	0.22	0.36	0.02	0.40	0.52	0.49	0.50	0.47	0.30	0.68	0.23	0.37	
CC2x1GP1 782	2034	0.23	0.20	0.28	0.02	0.42	0.55	0.53	0.55	0.51	0.31	0.77	0.19	0.38	
CC2x1GP1 782	2035	0.24	0.21	0.27	0.44	0.43	0.56	0.54	0.56	0.53	0.32	0.05	0.20	0.36	
CC2x1GP1 782	2036	0.27	0.21	0.31	0.03	0.44	0.57	0.55	0.57	0.54	0.33	0.89	0.23	0.41	
CC2x1GP1 782	2037	0.25	0.23	0.03	0.46	0.41	0.53	0.51	0.53	0.50	0.31	0.74	0.22	0.39	
CC2x1GP1 782	2038	0.23	0.20	0.37	0.02	0.38	0.51	0.49	0.50	0.48	0.27	0.79	0.19	0.37	
CC2x1GP1 782	2039	0.24	0.22	0.04	0.28	0.39	0.52	0.50	0.51	0.49	0.28	0.80	0.20	0.37	
CC2x1GP1 782	2040	0.27	0.22	0.04	0.35	0.42	0.53	0.51	0.53	0.50	0.33	0.72	0.24	0.39	
CC2x1GP1 782	2041	0.25	0.23	0.04	0.31	0.39	0.50	0.48	0.49	0.47	0.31	0.68	0.23	0.36	
CC2x1GP1 782	2042	0.24	0.21	0.34	0.47	0.37	0.48	0.47	0.48	0.45	0.29	0.04	0.20	0.34	
AGT P2 783	2021						0.11	0.10	0.11	0.08	0.03	0.09	0.01	0.08	3%
AGT P2 783	2022	0.08	0.05	0.08	0.08	0.06	0.11	0.10	0.10	0.07	0.03	0.30	0.01	0.09	
AGT P2 783	2023	0.06	0.03	0.08	0.05	0.04	0.08	0.07	0.08	0.06	0.02	0.15	0.00	0.06	
AGT P2 783	2024	0.06	0.02	0.05	0.15	0.04	0.08	0.07	0.08	0.06	0.02	0.13	0.00	0.06	
AGT P2 783	2025	0.03	0.01	0.05	0.04	0.02	0.05	0.04	0.05	0.03	0.01	0.05	0.00	0.03	
AGT P2 783	2026	0.01	0.00	0.01	0.02	0.01	0.03	0.02	0.02	0.01	0.00	0.03	0.00	0.02	
AGT P2 783	2027	0.01	0.00	0.02	0.05	0.01	0.06	0.05	0.05	0.04	0.01	0.01	0.00	0.03	
AGT P2 783	2028	0.02	0.00	0.03	0.04	0.03	0.06	0.05	0.06	0.05	0.02	0.01	0.00	0.03	
AGT P2 783	2029	0.02	0.00	0.01	0.03	0.03	0.06	0.05	0.06	0.04	0.01	0.02	0.00	0.03	
AGT P2 783	2030	0.02	0.00	0.02	0.03	0.03	0.06	0.05	0.05	0.04	0.01	0.02	0.00	0.03	
AGT P2 783	2031	0.01	0.00	0.01	0.04	0.03	0.06	0.06	0.04	0.03	0.01	0.03	0.00	0.03	
AGT P2 783	2032	0.01	0.00	0.03	0.01	0.04	0.07	0.06	0.05	0.03	0.01	0.03	0.00	0.03	
AGT P2 783	2033	0.01	0.00	0.03	0.02	0.04	0.06	0.04	0.05	0.03	0.01	0.02	0.00	0.03	
AGT P2 783	2034	0.01	0.00	0.02	0.01	0.02	0.05	0.05	0.04	0.03	0.01	0.03	0.00	0.02	
AGT P2 783	2035	0.01	0.00	0.01	0.01	0.03	0.06	0.05	0.04	0.03	0.01	0.02	0.00	0.02	
AGT P2 783	2036	0.01	0.00	0.01	0.03	0.03	0.06	0.06	0.05	0.03	0.01	0.02	0.00	0.03	
AGT P2 783	2037	0.01	0.00	0.02	0.02	0.03	0.06	0.05	0.04	0.03	0.02	0.04	0.00	0.03	
AGT P2 783	2038	0.01	0.00	0.01	0.02	0.03	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.02	
AGT P2 783	2039	0.01	0.00	0.01	0.03	0.03	0.05	0.05	0.04	0.02	0.01	0.02	0.00	0.02	
AGT P2 783	2040	0.02	0.00	0.05	0.04	0.05	0.06	0.06	0.05	0.03	0.01	0.07	0.00	0.04	
AGT P2 783	2041	0.02	0.00	0.03	0.03	0.04	0.06	0.06	0.05	0.03	0.01	0.04	0.00	0.03	
AGT P2 783	2042	0.01	0.00	0.03	0.02	0.03	0.05	0.05	0.04	0.02	0.02	0.04	0.00	0.03	
CC3x1GP2 785	2020						0.94	0.94	0.94	0.94	0.94	0.07	0.92	0.81	82%
CC3x1GP2 785	2021	0.89	0.89	0.95	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85	
CC3x1GP2 785	2022	0.81	0.82	0.86	0.87	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.83	0.78	
CC3x1GP2 785	2023	0.88	0.88	0.92	0.91	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85	

CC3x1GP2 785	2024	0.89	0.88	0.89	0.89	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.88	0.80	
CC3x1GP2 785	2025	0.91	0.93	0.96	0.97	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.94	0.87	
CC3x1GP2 785	2026	0.79	0.81	0.90	0.85	0.92	0.94	0.94	0.94	0.94	0.91	0.06	0.83	0.82	
CC3x1GP2 785	2027	0.80	0.81	0.91	0.86	0.93	0.94	0.94	0.94	0.94	0.92	0.06	0.83	0.82	
CC3x1GP2 785	2028	0.81	0.81	0.91	0.91	0.94	0.94	0.94	0.94	0.94	0.93	0.06	0.84	0.83	
CC3x1GP2 785	2029	0.82	0.84	0.86	0.91	0.94	0.94	0.94	0.94	0.94	0.93	0.06	0.85	0.83	
CC3x1GP2 785	2030	0.76	0.77	0.79	0.83	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.78	0.76	
CC3x1GP2 785	2031	0.84	0.85	0.93	0.87	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.87	0.84	
CC3x1GP2 785	2032	0.85	0.84	0.94	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.88	0.84	
CC3x1GP2 785	2033	0.78	0.79	0.85	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.81	0.77	
CC3x1GP2 785	2034	0.86	0.87	0.90	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.89	0.84	
CC3x1GP2 785	2035	0.87	0.87	0.91	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.89	0.85	
CC3x1GP2 785	2036	0.87	0.87	0.90	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.90	0.85	
CC3x1GP2 785	2037	0.79	0.81	0.86	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.82	0.78	
CC3x1GP2 785	2038	0.87	0.89	0.94	0.91	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85	
CC3x1GP2 785	2039	0.88	0.88	0.95	0.92	0.94	0.94	0.94	0.94	0.94	0.94	0.06	0.91	0.85	
CC3x1GP2 785	2040	0.83	0.84	0.91	0.84	0.88	0.93	0.94	0.93	0.94	0.86	0.06	0.88	0.82	
CC3x1GP2 785	2041	0.76	0.78	0.83	0.76	0.81	0.85	0.85	0.85	0.85	0.78	0.06	0.80	0.75	
CC3x1GP2 785	2042	0.84	0.86	0.88	0.93	0.89	0.94	0.94	0.94	0.94	0.87	0.06	0.89	0.83	
CC3x1GP1 786	2019	0.93	0.93	0.98	0.98	0.94	0.94	0.94	0.94	0.94	0.94	0.07	0.95	0.87	
CC3x1GP1 786	2020	0.98	0.98	0.98	0.98	0.94	0.91	0.93	0.94	0.91	0.84	0.07	0.86	0.86	
CC3x1GP1 786	2021	0.82	0.83	0.91	0.88	0.85	0.91	0.93	0.94	0.91	0.85	0.06	0.85	0.81	
CC3x1GP1 786	2022	0.73	0.74	0.83	0.84	0.77	0.83	0.84	0.85	0.83	0.76	0.06	0.77	0.74	
CC3x1GP1 786	2023	0.80	0.80	0.87	0.88	0.86	0.92	0.94	0.94	0.91	0.84	0.06	0.84	0.80	
CC3x1GP1 786	2024	0.89	0.88	0.89	0.89	0.85	0.85	0.85	0.85	0.85	0.85	0.06	0.88	0.80	
CC3x1GP1 786	2025	0.88	0.89	0.92	0.95	0.90	0.94	0.94	0.94	0.94	0.89	0.06	0.91	0.85	
CC3x1GP1 786	2026	0.61	0.63	0.82	0.68	0.70	0.81	0.84	0.86	0.81	0.63	0.06	0.67	0.68	
CC3x1GP1 786	2027	0.62	0.63	0.83	0.71	0.70	0.83	0.85	0.87	0.82	0.64	0.06	0.68	0.69	
CC3x1GP1 786	2028	0.63	0.61	0.84	0.83	0.72	0.83	0.86	0.88	0.82	0.63	0.06	0.70	0.70	
CC3x1GP1 786	2029	0.64	0.67	0.72	0.85	0.73	0.84	0.87	0.89	0.83	0.64	0.06	0.71	0.70	
CC3x1GP1 786	2030	0.59	0.62	0.68	0.78	0.67	0.77	0.80	0.82	0.76	0.60	0.06	0.66	0.65	
CC3x1GP1 786	2031	0.66	0.68	0.88	0.77	0.75	0.86	0.89	0.91	0.85	0.71	0.06	0.74	0.73	
CC3x1GP1 786	2032	0.67	0.68	0.89	0.87	0.76	0.87	0.90	0.92	0.86	0.70	0.06	0.75	0.74	
CC3x1GP1 786	2033	0.63	0.66	0.81	0.81	0.70	0.80	0.83	0.85	0.79	0.67	0.06	0.71	0.69	
CC3x1GP1 786	2034	0.72	0.76	0.82	0.89	0.80	0.89	0.93	0.94	0.88	0.74	0.06	0.79	0.77	
CC3x1GP1 786	2035	0.73	0.76	0.83	0.90	0.81	0.90	0.93	0.94	0.89	0.76	0.06	0.80	0.78	
CC3x1GP1 786	2036	0.74	0.76	0.83	0.91	0.82	0.91	0.94	0.94	0.90	0.78	0.06	0.81	0.78	
CC3x1GP1 786	2037	0.69	0.73	0.83	0.83	0.76	0.84	0.85	0.85	0.82	0.71	0.06	0.75	0.73	
CC3x1GP1 786	2038	0.77	0.81	0.91	0.86	0.84	0.93	0.94	0.94	0.91	0.80	0.06	0.83	0.80	
CC3x1GP1 786	2039	0.78	0.80	0.92	0.86	0.85	0.94	0.94	0.94	0.92	0.82	0.06	0.84	0.81	
CC3x1GP1 786	2040	0.72	0.72	0.84	0.74	0.76	0.83	0.82	0.82	0.82	0.71	0.06	0.78	0.72	
CC3x1GP1 786	2041	0.66	0.69	0.77	0.67	0.69	0.76	0.75	0.75	0.75	0.65	0.06	0.72	0.66	
CC3x1GP1 786	2042	0.73	0.77	0.79	0.89	0.76	0.84	0.83	0.83	0.83	0.72	0.06	0.80	0.74	
AGT P2 787	2017							0.13	0.11	0.13	0.10	0.03	0.10	0.01	0.09
AGT P2 787	2018	0.06	0.03	0.03	0.12	0.06	0.19	0.16	0.17	0.15	0.06	0.19	0.03	0.11	
AGT P2 787	2019	0.05	0.02	0.07	0.12	0.05	0.11	0.09	0.10	0.08	0.02	0.27	0.01	0.08	
AGT P2 787	2020	0.12	0.07	0.07	0.08	0.12	0.11	0.09	0.10	0.08	0.04	0.29	0.01	0.10	

75%

4%

AGT P2 787	2021	0.09	0.05	0.09	0.11	0.06	0.10	0.09	0.10	0.07	0.03	0.07	0.01	0.07
AGT P2 787	2022	0.07	0.04	0.07	0.14	0.05	0.09	0.08	0.09	0.06	0.01	0.23	0.01	0.08
AGT P2 787	2023	0.05	0.03	0.04	0.08	0.03	0.07	0.06	0.07	0.05	0.02	0.11	0.00	0.05
AGT P2 787	2024	0.05	0.02	0.09	0.07	0.04	0.07	0.06	0.07	0.05	0.02	0.09	0.00	0.05
AGT P2 787	2025	0.03	0.01	0.04	0.07	0.02	0.04	0.04	0.04	0.03	0.01	0.02	0.00	0.03
AGT P2 787	2026	0.01	0.00	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.00	0.02	0.00	0.01
AGT P2 787	2027	0.01	0.00	0.03	0.02	0.01	0.05	0.04	0.05	0.03	0.01	0.01	0.00	0.02
AGT P2 787	2028	0.01	0.00	0.02	0.02	0.03	0.06	0.05	0.05	0.04	0.01	0.02	0.00	0.03
AGT P2 787	2029	0.02	0.00	0.02	0.01	0.03	0.05	0.05	0.05	0.04	0.01	0.02	0.00	0.02
AGT P2 787	2030	0.01	0.00	0.01	0.01	0.03	0.05	0.05	0.05	0.04	0.01	0.02	0.00	0.02
AGT P2 787	2031	0.01	0.00	0.02	0.03	0.03	0.05	0.05	0.04	0.02	0.01	0.02	0.00	0.02
AGT P2 787	2032	0.01	0.00	0.03	0.02	0.03	0.06	0.05	0.04	0.03	0.01	0.01	0.00	0.03
AGT P2 787	2033	0.01	0.00	0.01	0.04	0.03	0.06	0.04	0.04	0.03	0.01	0.02	0.00	0.02
AGT P2 787	2034	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 787	2035	0.01	0.00	0.01	0.02	0.03	0.05	0.05	0.04	0.02	0.01	0.01	0.00	0.02
AGT P2 787	2036	0.01	0.00	0.00	0.02	0.03	0.06	0.05	0.04	0.03	0.01	0.02	0.00	0.02
AGT P2 787	2037	0.01	0.00	0.01	0.04	0.03	0.05	0.05	0.04	0.02	0.01	0.03	0.00	0.02
AGT P2 787	2038	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 787	2039	0.01	0.00	0.01	0.02	0.03	0.05	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 787	2040	0.02	0.00	0.02	0.04	0.04	0.06	0.06	0.05	0.03	0.02	0.06	0.00	0.03
AGT P2 787	2041	0.01	0.00	0.01	0.03	0.03	0.05	0.05	0.05	0.02	0.01	0.03	0.00	0.03
AGT P2 788	2017						0.12	0.10	0.11	0.09	0.03	0.09	0.01	0.08
AGT P2 788	2018	0.05	0.02	0.05	0.05	0.05	0.17	0.14	0.15	0.13	0.05	0.15	0.03	0.09
AGT P2 788	2019	0.04	0.02	0.06	0.05	0.04	0.10	0.08	0.09	0.07	0.04	0.22	0.01	0.07
AGT P2 788	2020	0.11	0.06	0.03	0.13	0.10	0.09	0.08	0.09	0.07	0.03	0.23	0.01	0.09
AGT P2 788	2021	0.08	0.04	0.07	0.05	0.05	0.09	0.08	0.09	0.06	0.02	0.12	0.01	0.06
AGT P2 788	2022	0.06	0.03	0.03	0.12	0.04	0.08	0.07	0.08	0.05	0.02	0.18	0.01	0.07
AGT P2 788	2023	0.05	0.02	0.06	0.07	0.03	0.06	0.05	0.06	0.04	0.01	0.09	0.00	0.04
AGT P2 788	2024	0.05	0.01	0.04	0.11	0.03	0.06	0.06	0.06	0.05	0.02	0.07	0.00	0.05
AGT P2 788	2025	0.02	0.01	0.02	0.06	0.02	0.04	0.03	0.04	0.02	0.01	0.03	0.00	0.02
AGT P2 788	2026	0.01	0.00	0.00	0.02	0.01	0.02	0.02	0.02	0.01	0.00	0.02	0.00	0.01
AGT P2 788	2027	0.01	0.00	0.01	0.03	0.01	0.04	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 788	2028	0.01	0.00	0.01	0.03	0.02	0.05	0.04	0.04	0.03	0.01	0.02	0.00	0.02
AGT P2 788	2029	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 788	2030	0.01	0.00	0.01	0.02	0.02	0.05	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 788	2031	0.01	0.00	0.01	0.03	0.03	0.05	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 788	2032	0.01	0.00	0.02	0.01	0.03	0.05	0.05	0.04	0.02	0.01	0.02	0.00	0.02
AGT P2 788	2033	0.01	0.00	0.02	0.02	0.03	0.05	0.03	0.04	0.02	0.01	0.01	0.00	0.02
AGT P2 788	2034	0.00	0.00	0.01	0.01	0.02	0.04	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 788	2035	0.01	0.00	0.01	0.01	0.02	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.02
AGT P2 788	2036	0.01	0.00	0.01	0.01	0.03	0.05	0.05	0.04	0.02	0.01	0.01	0.00	0.02
AGT P2 788	2037	0.01	0.00	0.01	0.03	0.03	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.02
AGT P2 788	2038	0.00	0.00	0.01	0.01	0.02	0.04	0.04	0.03	0.01	0.01	0.02	0.00	0.02
AGT P2 788	2039	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 788	2040	0.02	0.00	0.04	0.03	0.04	0.05	0.05	0.05	0.02	0.01	0.05	0.00	0.03
AGT P2 788	2041	0.01	0.00	0.02	0.01	0.03	0.05	0.05	0.04	0.02	0.01	0.03	0.00	0.02
AGT P2 799	2015						0.24	0.22	0.24	0.26	0.19	0.04	0.07	0.18

4%

5%

AGT P2 799	2016	0.08	0.03	0.06	0.22	0.25	0.51	0.48	0.50	0.44	0.21	0.32	0.11	0.27
AGT P2 799	2017	0.06	0.02	0.02	0.06	0.05	0.10	0.09	0.10	0.08	0.02	0.14	0.01	0.06
AGT P2 799	2018	0.04	0.02	0.02	0.08	0.04	0.15	0.12	0.14	0.12	0.05	0.11	0.02	0.08
AGT P2 799	2019	0.03	0.01	0.03	0.09	0.04	0.08	0.07	0.08	0.06	0.03	0.17	0.00	0.06
AGT P2 799	2020	0.10	0.05	0.05	0.06	0.09	0.08	0.07	0.08	0.06	0.03	0.18	0.00	0.07
AGT P2 799	2021	0.07	0.03	0.03	0.09	0.05	0.08	0.07	0.07	0.05	0.02	0.09	0.00	0.05
AGT P2 799	2022	0.06	0.03	0.05	0.06	0.04	0.07	0.07	0.07	0.05	0.02	0.14	0.00	0.05
AGT P2 799	2023	0.04	0.02	0.05	0.03	0.02	0.05	0.05	0.05	0.04	0.01	0.06	0.00	0.04
AGT P2 799	2024	0.04	0.01	0.04	0.10	0.03	0.06	0.05	0.05	0.04	0.01	0.05	0.00	0.04
AGT P2 799	2025	0.02	0.00	0.01	0.05	0.01	0.03	0.03	0.03	0.02	0.00	0.02	0.00	0.02
AGT P2 799	2026	0.01	0.00	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2027	0.01	0.00	0.02	0.01	0.01	0.04	0.03	0.04	0.02	0.00	0.00	0.00	0.02
AGT P2 799	2028	0.01	0.00	0.01	0.02	0.02	0.04	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 799	2029	0.01	0.00	0.01	0.01	0.02	0.04	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 799	2030	0.01	0.00	0.00	0.02	0.02	0.04	0.04	0.04	0.03	0.01	0.01	0.00	0.02
AGT P2 799	2031	0.00	0.00	0.01	0.02	0.02	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.02
AGT P2 799	2032	0.01	0.00	0.02	0.01	0.03	0.05	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 799	2033	0.01	0.00	0.01	0.03	0.03	0.04	0.03	0.03	0.02	0.01	0.01	0.00	0.02
AGT P2 799	2034	0.00	0.00	0.01	0.02	0.02	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.01
AGT P2 799	2035	0.00	0.00	0.01	0.01	0.02	0.04	0.04	0.03	0.02	0.00	0.01	0.00	0.01
AGT P2 799	2036	0.01	0.00	0.00	0.02	0.02	0.04	0.04	0.03	0.02	0.01	0.01	0.00	0.02
AGT P2 799	2037	0.01	0.00	0.01	0.01	0.02	0.04	0.04	0.03	0.02	0.01	0.02	0.00	0.02
AGT P2 799	2038	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.01
AGT P2 799	2039	0.00	0.00	0.01	0.01	0.02	0.04	0.03	0.03	0.01	0.00	0.01	0.00	0.01

GAS FGTF

2013	4.297	
2014	4.502	4.77%
2015	4.675	3.84%
2016	5.029	7.57%
2017	5.348	6.34%
2018	5.682	6.25%
2019	6.025	6.04%
2020	6.378	5.86%
2021	6.744	5.74%
2022	7.122	5.60%
2023	7.511	5.46%
2024	7.913	5.35%
2025	8.326	5.22%
2026	8.681	4.26%
2027	9.044	4.18%
2028	9.416	4.11%
2029	9.796	4.04%
2030	10.183	3.95%
2031	10.576	3.86%
2032	10.955	3.58%
2033	11.334	3.46%
2034	11.713	3.34%
2035	12.092	3.24%
2036	12.471	3.13%
2037	12.85	3.04%
2038	13.229	2.95%
2039	13.608	2.86%
2040	13.987	2.79%
2041	14.366	2.71%
2042	14.745	2.64%

