

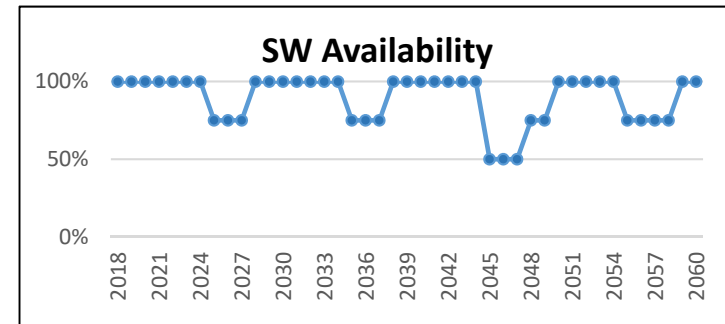
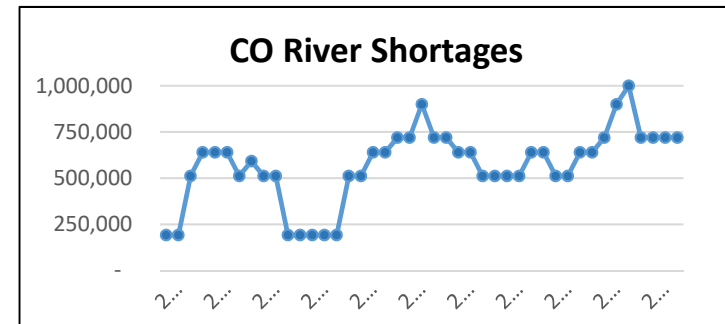
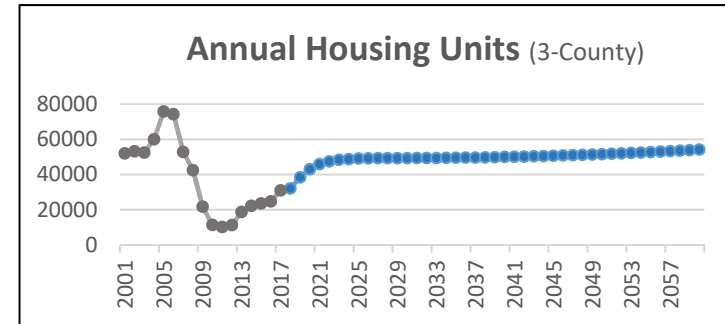
A. Highest Demand [EMSBS]

High growth rate, spillover (suburban) growth pattern, hotter and drier climate, unlimited Ag pumping capacity

Run Date: 10/21/2019

Filename: CAPServiceArea_v3.51_ACv2.gsm

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	2	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	3	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	3	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	0%	
HU Ordinary Level	49,300	
HU Rate @ 50 yrs	1%	
GPHUD Change Existing	-0.3%	per year
GPHUD Max Change Existing	-12%	
GPHUD Min Existing	220	
GPHUD Scenario New	1	
GPHUD Change New	0.0%	per year
Ag Climate Adjustment	0.15	
Ag Efficiency Increase	0.1%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	30%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	



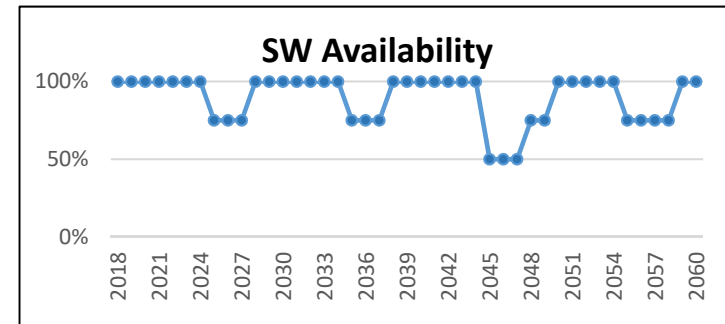
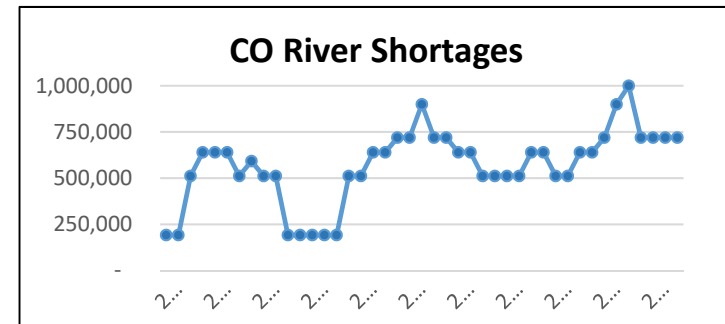
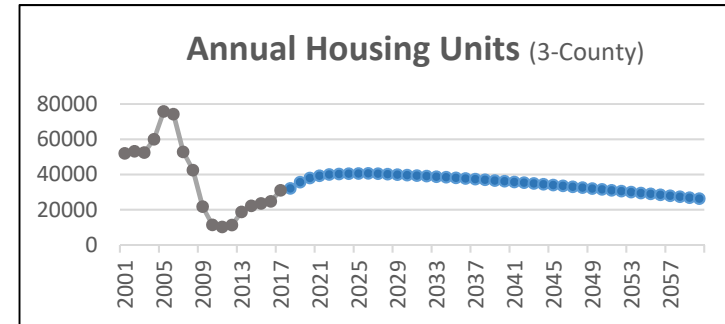
B. Having it All [EMSBS]

Medium growth rate, local growth pattern, hotter and drier climate, unlimited Ag pumping capacity

Run Date: 10/21/2019

Filename: CAPServiceArea_v3.51_ACv2.gsm

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	2	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	3	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	6	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	-1%	
HU Ordinary Level	40,700	
HU Rate @ 50 yrs	-2%	
GPHUD Change Existing	-0.5%	per year
GPHUD Max Change Existing	-15%	
GPHUD Min Existing	200	
GPHUD Scenario New	1	
GPHUD Change New	-0.1%	per year
Ag Climate Adjustment	0.15	
Ag Efficiency Increase	0.2%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	30%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	



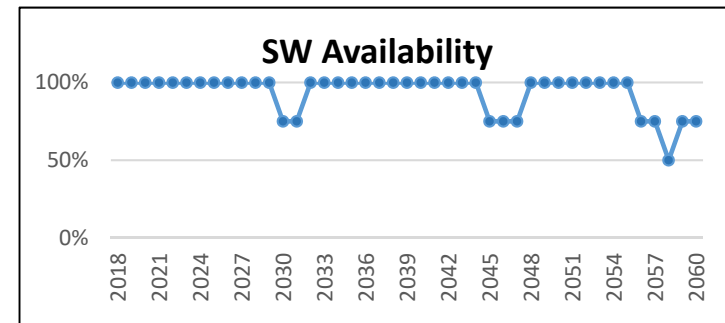
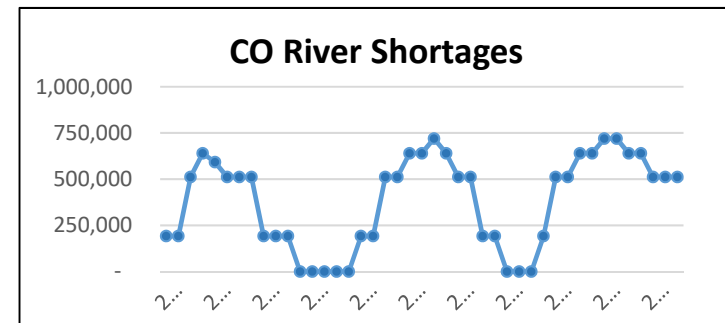
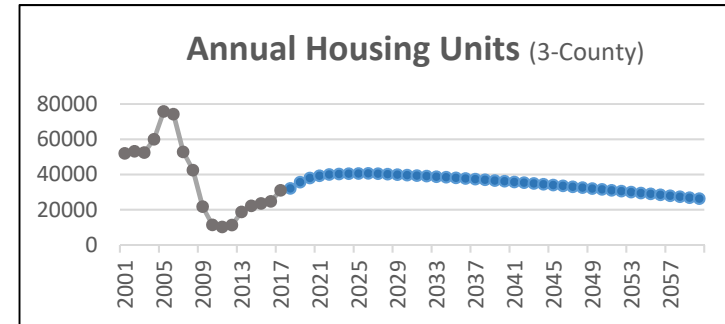
C. Medium, Strong Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, unlimited Ag pumping capacity. Pairwise comparison to Scenario D.

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	1	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	2	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	1	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	-1%	
HU Ordinary Level	40,700	
HU Rate @ 50 yrs	-2%	
GPHUD Change Existing	-0.5%	per year
GPHUD Max Change Existing	-15%	
GPHUD Min Existing	200	
GPHUD Scenario New	1	
GPHUD Change New	-0.1%	per year
Ag Climate Adjustment	0.1	
Ag Efficiency Increase	0.2%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	50%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	

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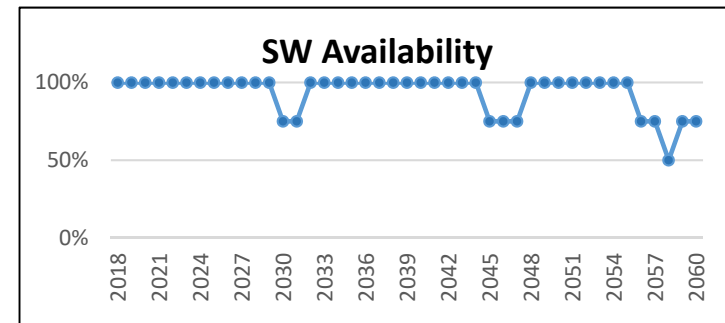
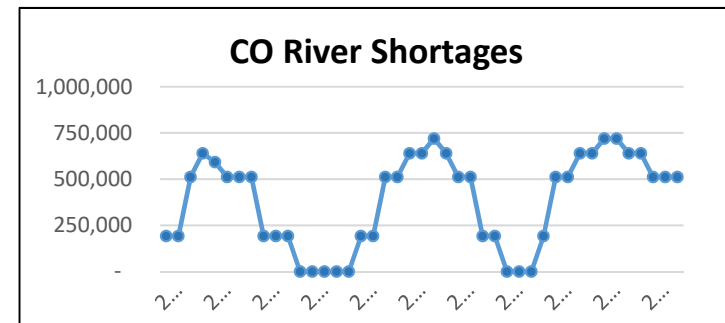
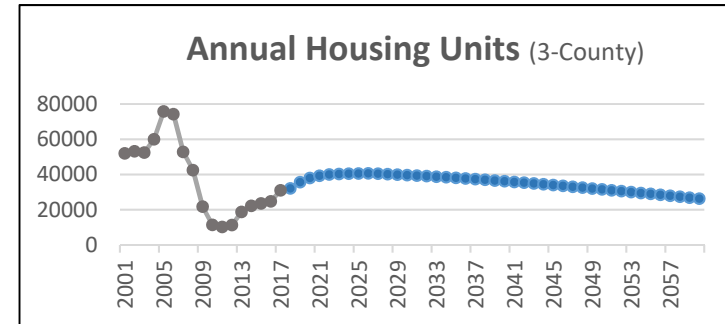
D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equal to 1.5x the max gw use from 2003 to 2013. Pairwise comparison to Scenario C.

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	1	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	2	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	1	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	-1%	
HU Ordinary Level	40,700	
HU Rate @ 50 yrs	-2%	
GPHUD Change Existing	-0.5%	per year
GPHUD Max Change Existing	-15%	
GPHUD Min Existing	200	
GPHUD Scenario New	1	
GPHUD Change New	-0.1%	per year
Ag Climate Adjustment	0.1	
Ag Efficiency Increase	0.2%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	50%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	

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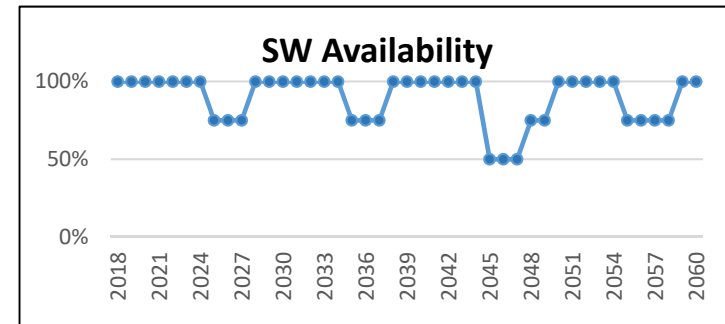
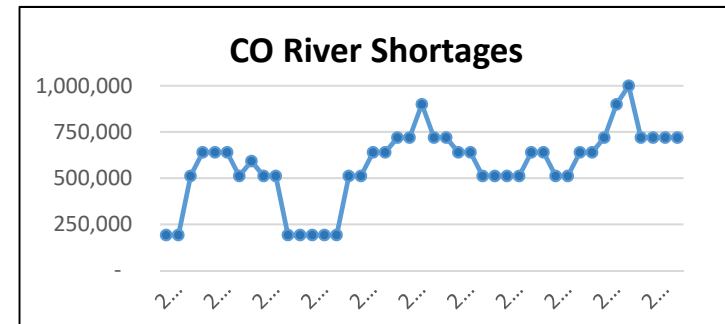
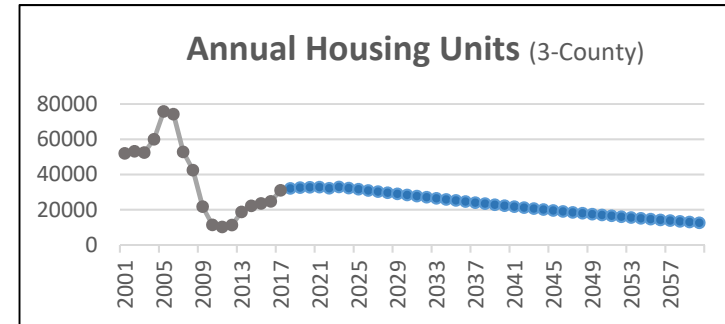
E. Lowest Demand, Hot [EMSBS]

Slow growth rate, dense urbanization growth pattern, hotter and drier climate,
Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional
DCP pumping capacity. Pairwise comparison to Scenario F.

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	2	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	3	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	5	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	-2%	
HU Ordinary Level	33,000	
HU Rate @ 50 yrs	-3%	
GPHUD Change Existing	-0.8%	per year
GPHUD Max Change Existing	-20%	
GPHUD Min Existing	150	
GPHUD Scenario New	1	
GPHUD Change New	-0.2%	per year
Ag Climate Adjustment	0.15	
Ag Efficiency Increase	0.2%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	70%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	

Run Date: 10/21/2019

Filename: CAPServiceArea_v3.51_ACv2.gsm



F. Lowest Demand, Historic [EMSBS]

Slow growth rate, dense urbanization growth pattern, historic climate, Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional DCP pumping capacity. Pairwise comparison to Scenario E.

Allow Shortages	Yes	
Select CRSS Array	3	3=Synthetic
Use Specific Trace	Yes	
Selected Trace	3	1=Moderate; 2=Deep; 3=Slight
AWBA Max M&I	20%	
Surface Water Scenario	1	1=No Reduction; 2=Occational; 3=Frequent
Use CAP Buildup	Yes	
CAP Buildup Scenario	2	1=2035; 2=2045
HU Growth Pattern	5	4=Interior Growth
HU Forecast	2	1=Use Curve; 2=Eller Forecast
HU Curve	2	
HU Growth Start Rate	-2%	
HU Ordinary Level	33,000	
HU Rate @ 50 yrs	-3%	
GPHUD Change Existing	-1.0%	per year
GPHUD Max Change Existing	-20%	
GPHUD Min Existing	150	
GPHUD Scenario New	1	
GPHUD Change New	-0.3%	per year
Ag Climate Adjustment	0	
Ag Efficiency Increase	0.2%	per year
Ag Efficiency Goal	80%	
Ag Replace Crop CU	2.66	
Ag Intensity Scenario	2	
Ag Develop on Crops	70%	Perecent of max on active Ag
Ag Acres Replace Percent	0%	
Ag Replace Crop Year	2025	

Run Date: 10/21/2019

Filename: CAPServiceArea_v3.51_ACv2.gsm

