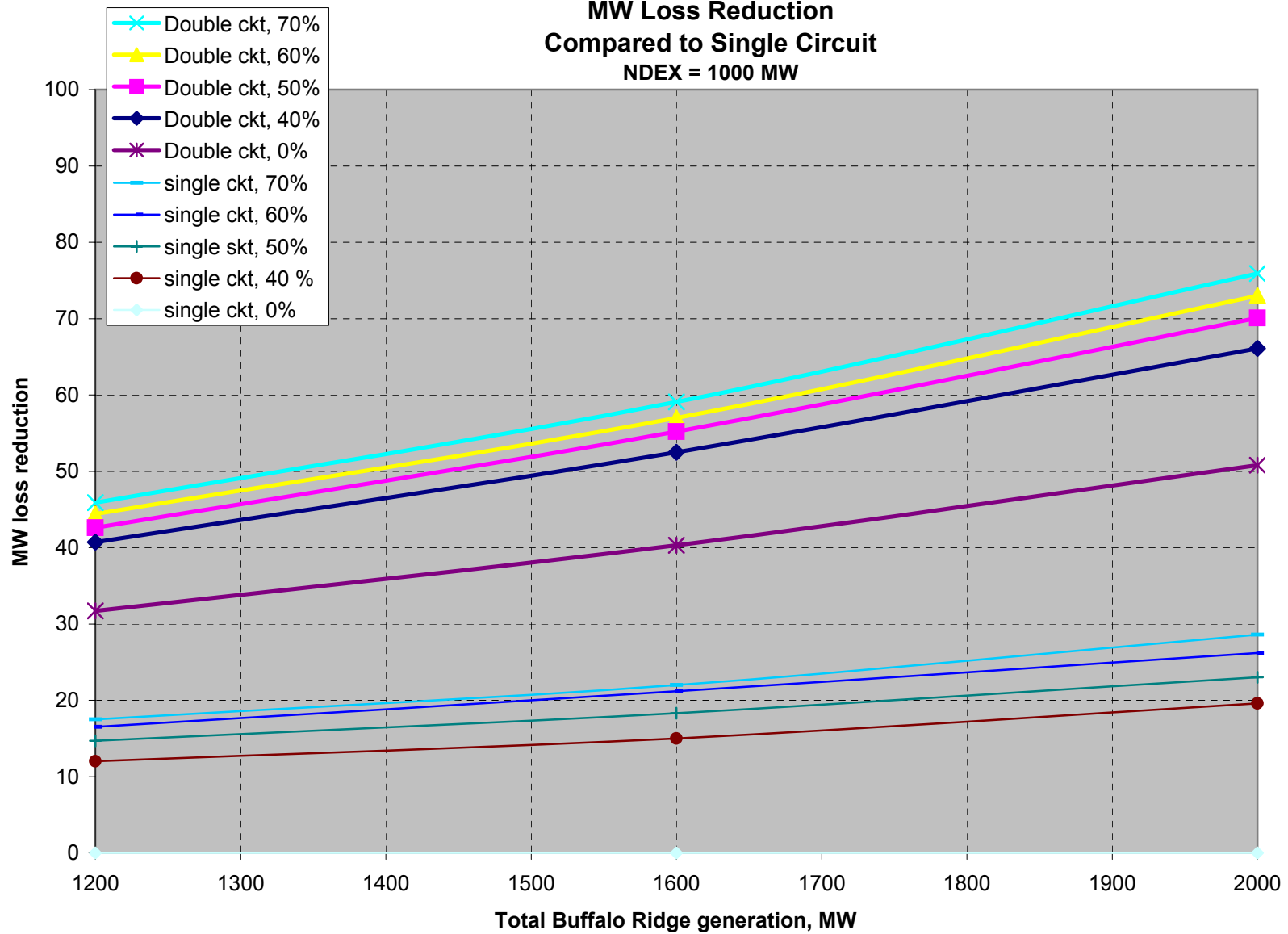
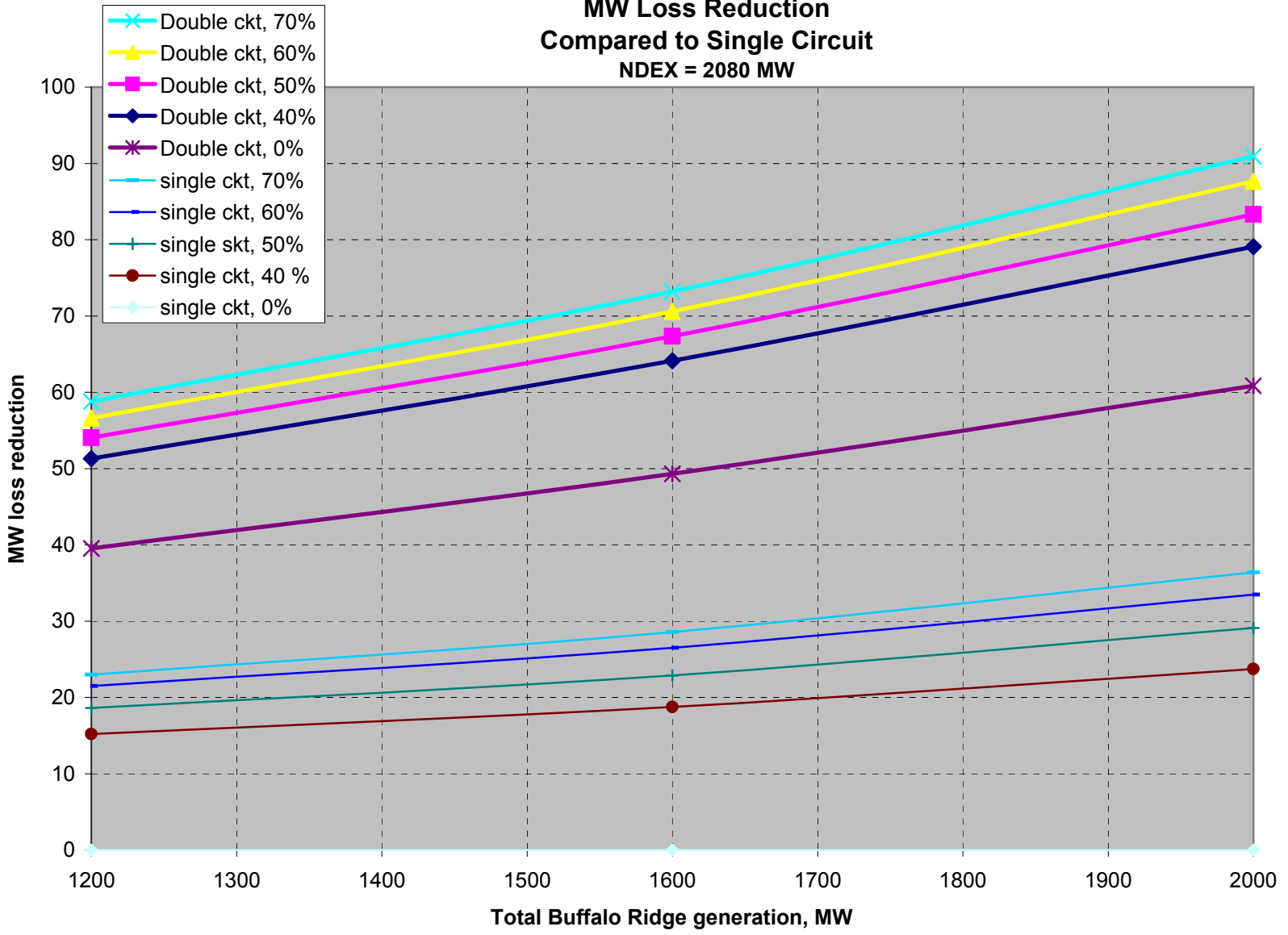


MW Loss Reduction Compared to Single Circuit NDEX = 1000 MW



MW Loss Reduction Compared to Single Circuit NDEX = 2080 MW



Total System Losses, MW

		Single ckt	Single ckt	Single ckt	Single ckt	Single ckt	Double ckt	Double ckt	Double ckt	Double ckt
		0%	40	50	60	70	0%	40	50	60
absolute	1200	18053	18038	18035	18032	18030	18014	18002	17999	17997
absolute	1600	18134	18115	18111	18108	18106	18085	18070	18067	18064
absolute	2000	18227	18203	18198	18193	18191	18166	18148	18144	18139
delta	1200	0.0	15.2	18.6	21.5	23.0	39.5	51.3	54.0	56.6
delta	1600	0.0	18.8	22.9	26.5	28.6	49.3	64.1	67.3	70.6
delta	2000	0.0	23.7	29.1	33.5	36.4	60.8	79.1	83.3	87.7



Single ckt	Single ckt	Single ckt	Single ckt	Single ckt	Double ckt	Double ckt	Double ckt	Double ckt
0%	40	50	60	70	0%	40	50	60