

**Optimal Decision Tree:
High 345kV Statcom 2 Costs, SRTP, High Avoided Costs**

CASE NAME: NRP Analysis + High Costs+SRTP+High Avoided Cost						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Decision (Stage 1)	Chance	Decision (Stage 2)	Chance	Decision (Stage 3)	Chance	Decision (Stage 4)
Optimal Value = 87351.42						
0: GR1 at t=0.00, L=100500	1: p=0.0481, t=11.48, g=1.0079	2: CT2 at t=11.48, L=110000	1639: p=0.1399, t=3.51, g=1.0052	1640: CT2 at t=14.98, L=112000	1645: p=0.1378, t=3.35, g=1.0053 1645: p=0.6625, t=1.97, g=1.0090 1645: p=0.1997, t=0.70, g=1.0257	1646: Terminate at t=15, L=112009 1647: Terminate at t=15, L=112015 1648: Terminate at t=15, L=112044
			1639: p=0.6050, t=2.03, g=1.0089	1661: CT2 at t=13.51, L=112000	1730: p=0.1406, t=3.47, g=1.0051 1730: p=0.5807, t=1.99, g=1.0089 1730: p=0.2787, t=0.64, g=1.0281	1731: Terminate at t=15, L=112858 1732: Terminate at t=15, L=113495 1733: CT2 at t=14.14, L=114000
			1639: p=0.2551, t=0.66, g=1.0277	2170: 345K at t=12.14, L=112000	2171: p=0.0609, t=5.81, g=1.0061 2171: p=0.2895, t=2.89, g=1.0122 2171: p=0.6496, t=1.05, g=1.0341	2172: Terminate at t=15, L=113953 2173: Terminate at t=15, L=115956 2174: GR2 at t=13.18, L=116000
	1: p=0.4583, t=6.11, g=1.0149	8787: 345K at t=6.11, L=110000	8788: p=0.0867, t=5.73, g=1.0062	8789: GR2 at t=11.85, L=114000	8790: p=0.1597, t=7.74, g=1.0066 8790: p=0.5500, t=4.54, g=1.0114 8790: p=0.2904, t=1.76, g=1.0295	8791: Terminate at t=15, L=116407 8792: Terminate at t=15, L=118132 8793: NRP2 at t=13.61, L=120000
			8788: p=0.4733, t=2.83, g=1.0127	11170: GR2 at t=8.94, L=114000	11171: p=0.1108, t=7.66, g=1.0067 11171: p=0.5060, t=4.06, g=1.0127 11171: p=0.3833, t=1.56, g=1.0335	11172: Terminate at t=15, L=118720 11173: NRP2 at t=13.00, L=120000 11490: NRP2 at t=10.50, L=120000
			8788: p=0.4400, t=1.12, g=1.0323	17855: GR2 at t=7.24, L=114000	17856: p=0.0628, t=7.85, g=1.0066 17856: p=0.3498, t=4.10, g=1.0126 17856: p=0.5873, t=1.52, g=1.0343	17857: Terminate at t=15, L=119930 17858: NRP2 at t=11.33, L=120000 18339: NRP2 at t=8.76, L=120000
	1: p=0.4937, t=2.88, g=1.0319	71524: 345K at t=2.88, L=110000	71525: p=0.0662, t=6.02, g=1.0060	71526: GR2 at t=8.90, L=114000	71527: p=0.1604, t=7.74, g=1.0067 71527: p=0.5509, t=4.55, g=1.0113 71527: p=0.2886, t=1.78, g=1.0292	71528: Terminate at t=15, L=118707 71529: NRP2 at t=13.45, L=120000 71778: NRP2 at t=10.68, L=120000
			71525: p=0.2267, t=3.31, g=1.0108	77975: GR2 at t=6.19, L=114000	77976: p=0.1318, t=7.73, g=1.0067 77976: p=0.5168, t=4.27, g=1.0121 77976: p=0.3513, t=1.60, g=1.0325	77977: NRP2 at t=13.92, L=120000 78154: NRP2 at t=10.46, L=120000 78667: NRP2 at t=7.79, L=120000