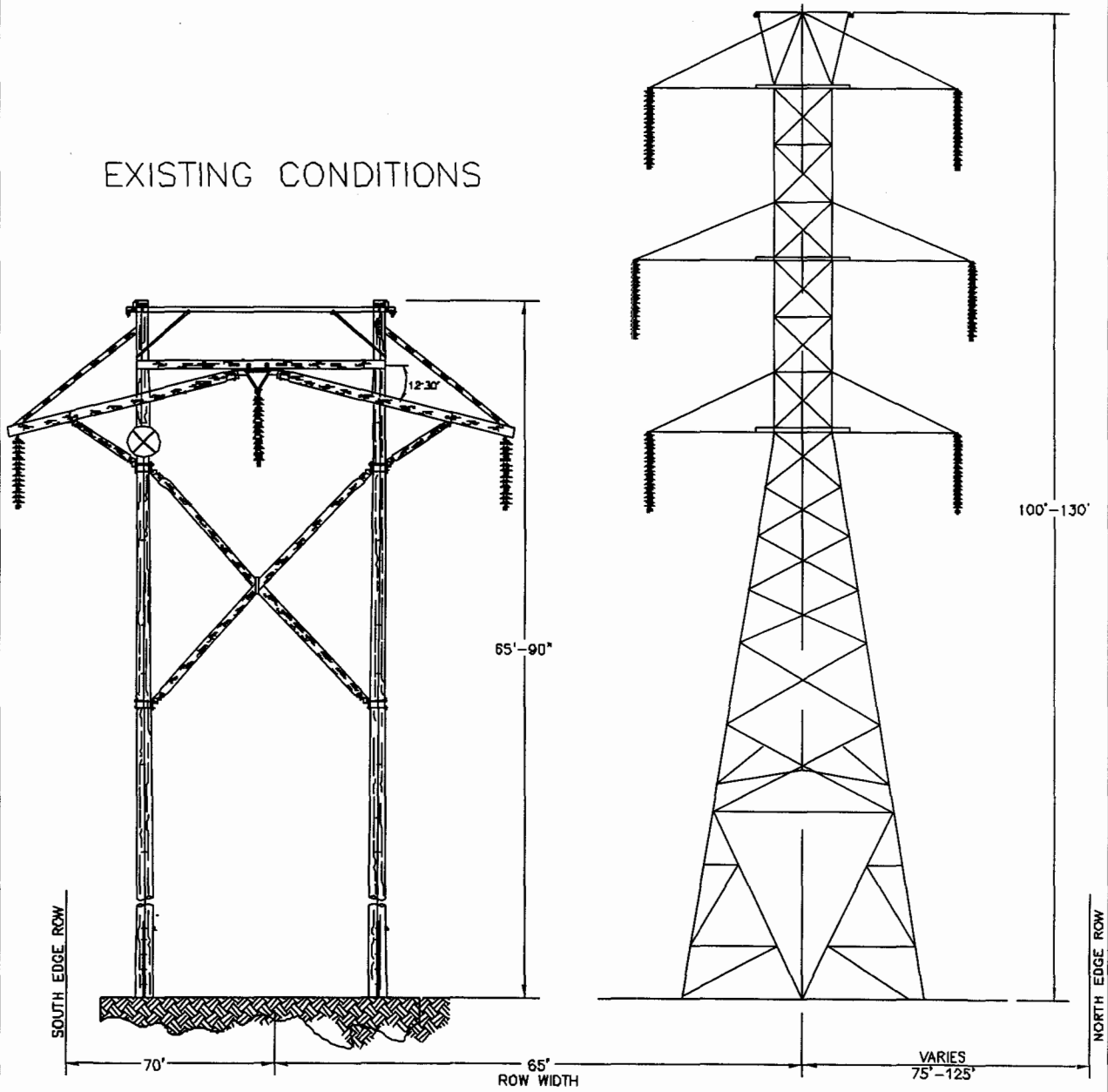



EXHIBIT NO. DJP - 1A

EXISTING CONDITIONS



NO	DATE	DWN	CHK	REVISION	E	M	C	MF
1	02/08/07	RLD	DJP	UPDATE DIMENSIONS				
D	02/01/07	RLD	DJP	INITIAL ISSUE				


PUBLIC SERVICE COMPANY OF COLORADO
A NEW CENTURY ENERGY COMPANY

DANIELS PARK-WATERTON
 EXISTING CONDITIONS

New Century Services
 Transmission Engineering Department

FILENAME: EXISTING
R-CODE:
SCALE: N/A

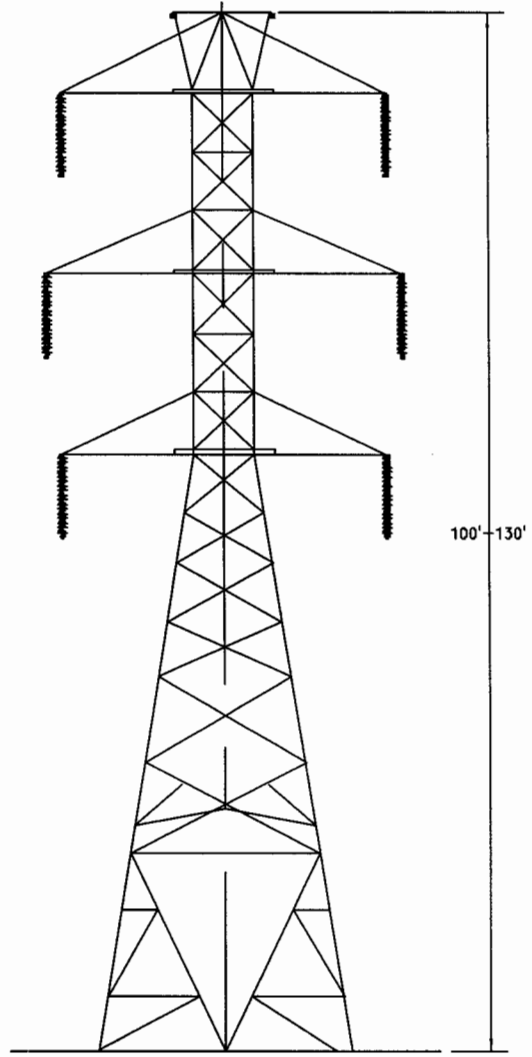
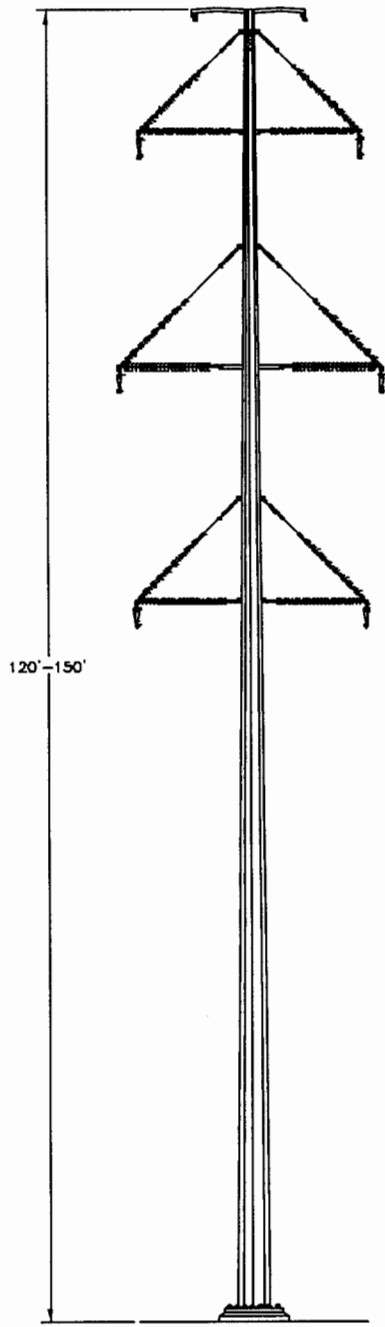
DWN: RLD DATE: 02/01/07
 CHK: DJP DATE: 02/01/07

EXISTING

SHEET 1 OF 1 REV 0

EXHIBIT NO. DJP - 1B

FUTURE CONDITIONS
2-CONDUCTOR BUNDLE



SOUTH EDGE ROW

NORTH EDGE ROW

120'-150'

100'-130'

70'

65'
ROW WIDTH

VARIES
75'-125'

NO	DATE	DWN	CHK	REVISION	E	M	C	MF
1	02/08/07	RLD	DJP	UPDATE DIMENSIONS				
0	02/01/07	RLD	DJP	INITIAL ISSUE				


PUBLIC SERVICE COMPANY OF COLORADO
A NEW CENTURY ENERGY COMPANY

DANIELS PARK-WATERTON
FUTURE CONDITIONS
2-CONDUCTOR BUNDLE

New Century Services
 Transmission Engineering Department

FILENAME: FUTURE-2

R-CODE:

SCALE: N/A

DWN: RLD DATE: 02/01/07
 CHK: DJP DATE: 02/01/07

FUTURE-2

SHEET 1 OF 1 REV. 0

Exhibit No. DJP-2a

Noise Model for the Midway-Waterton Transmission Corridor
(the DP-Waterton segment) Fair Weather (L5) using the BPA Algorithm

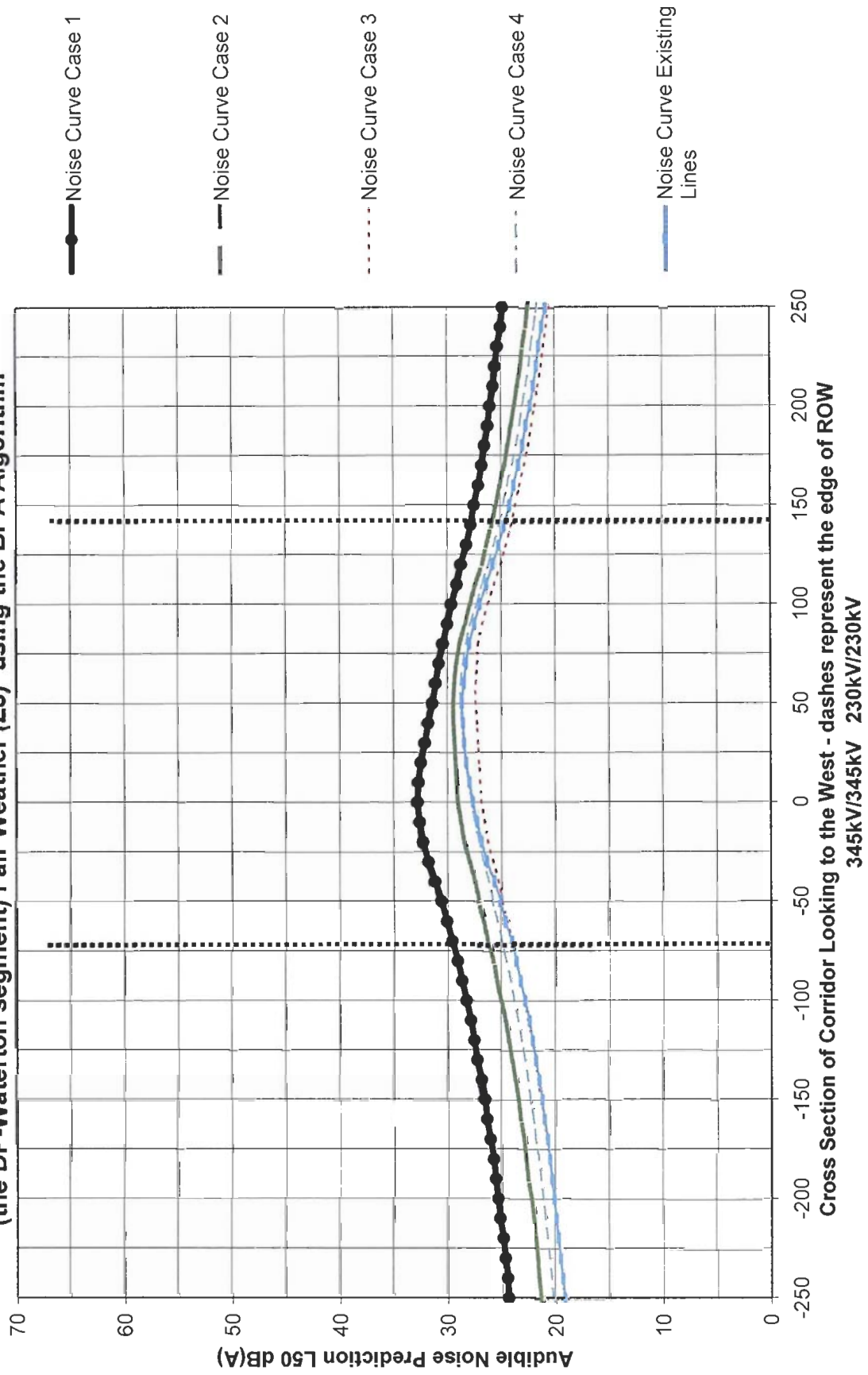
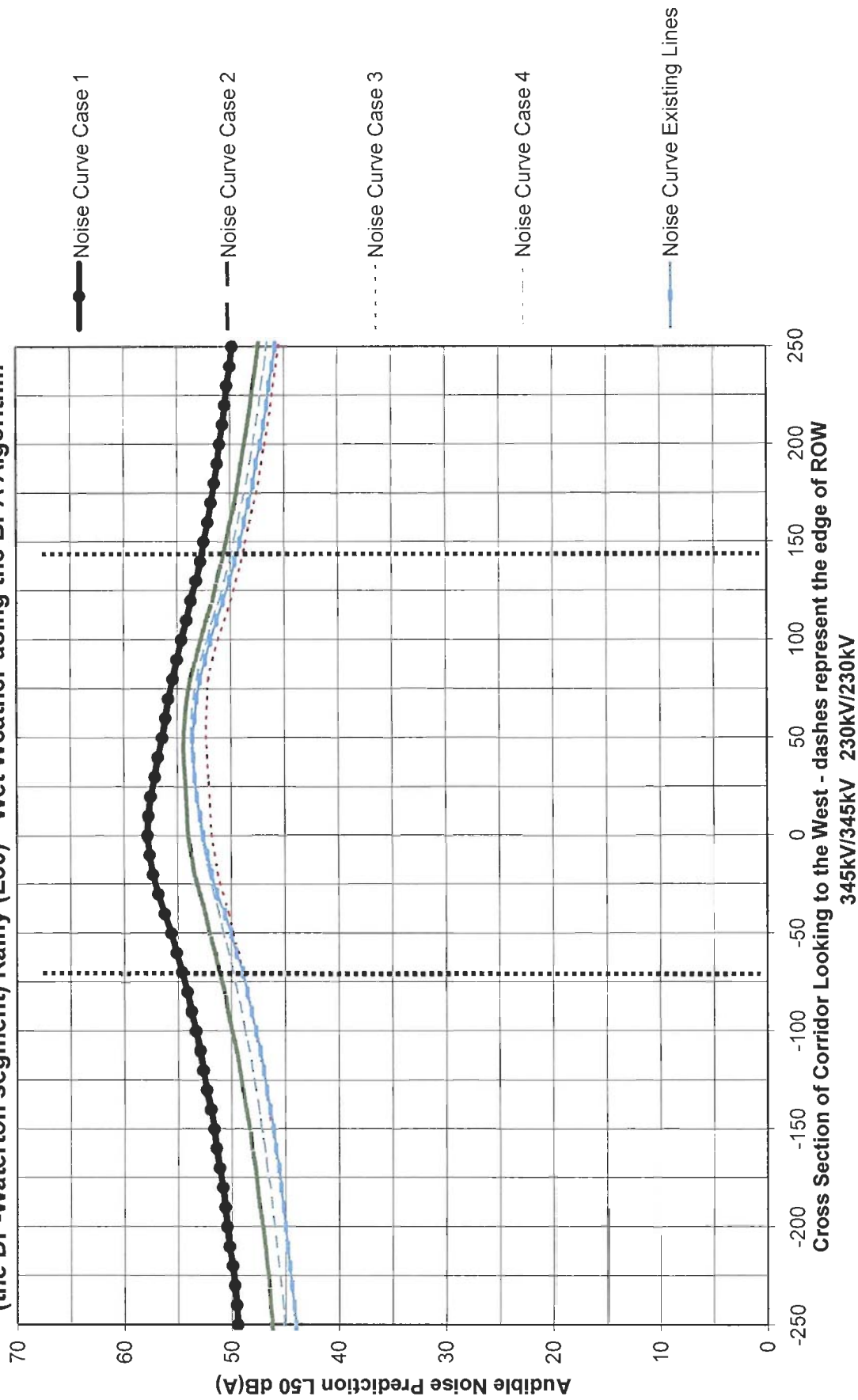


Exhibit No. DJP-2b

Noise Model for the Midway-Waterton Transmission Corridor

(the DP-Waterton segment) Rainy (L50) - Wet Weather using the BPA Algorithm



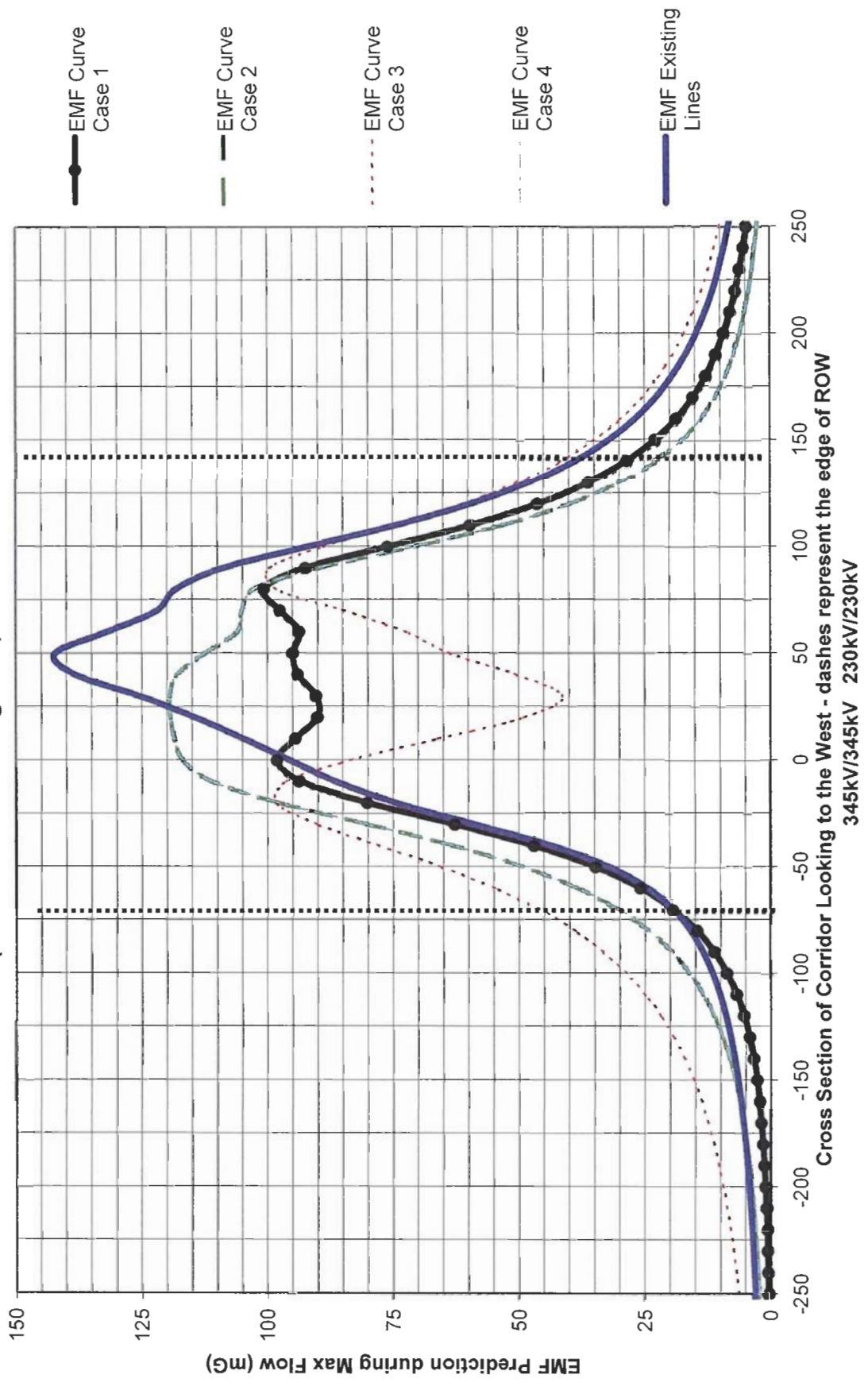
cross-section	Noise Curve Case 1	Noise Curve Case 2	Noise Curve Case 3	Noise Curve Case 4	Noise Curve Existing Lines
-500	21.1	18	15.9	17	16
-490	21.2	18.1	16	17.1	16.1
-480	21.3	18.2	16.1	17.2	16.2
-470	21.4	18.3	16.2	17.3	16.3
-460	21.5	18.4	16.3	17.4	16.4
-450	21.6	18.5	16.4	17.5	16.5
-440	21.7	18.6	16.5	17.6	16.6
-430	21.8	18.7	16.6	17.7	16.7
-420	21.9	18.8	16.7	17.8	16.8
-410	22	18.9	16.8	17.9	16.9
-400	22.1	19.1	17	18	17
-390	22.3	19.2	17.1	18.1	17.1
-380	22.4	19.3	17.2	18.2	17.2
-370	22.5	19.4	17.3	18.3	17.3
-360	22.6	19.5	17.4	18.5	17.5
-350	22.8	19.7	17.6	18.6	17.6
-340	22.9	19.8	17.7	18.7	17.7
-330	23.1	19.9	17.8	18.9	17.8
-320	23.2	20.1	18	19	18
-310	23.4	20.2	18.1	19.1	18.1
-300	23.5	20.4	18.3	19.3	18.3
-290	23.7	20.5	18.4	19.4	18.4
-280	23.8	20.7	18.6	19.6	18.5
-270	24	20.8	18.7	19.7	18.7
-260	24.2	21	18.9	19.9	18.9
-250	24.4	21.2	19.1	20.1	19
-240	24.5	21.4	19.2	20.2	19.2
-230	24.7	21.5	19.4	20.4	19.4
-220	24.9	21.7	19.6	20.6	19.6
-210	25.2	21.9	19.8	20.8	19.8
-200	25.4	22.1	20	21	20
-190	25.6	22.4	20.2	21.2	20.2
-180	25.8	22.6	20.4	21.4	20.4
-170	26.1	22.8	20.7	21.7	20.6
-160	26.4	23.1	20.9	21.9	20.9
-150	26.6	23.3	21.2	22.2	21.1
-140	26.9	23.6	21.5	22.4	21.4
-130	27.3	23.9	21.7	22.7	21.7
-120	27.6	24.2	22	23	22
-110	27.9	24.5	22.4	23.3	22.3
-100	28.3	24.9	22.7	23.7	22.7
-90	28.7	25.3	23.1	24	23.1
-80	29.1	25.6	23.5	24.4	23.5
-70	29.6	26.1	23.9	24.8	23.9
-60	30.1	26.5	24.3	25.2	24.5
-50	30.6	27	24.8	25.7	25
-40	31.2	27.4	25.2	26.1	25.6
-30	31.8	27.9	25.7	26.6	26.3
-20	32.3	28.4	26.2	27	26.8
-10	32.6	28.7	26.5	27.4	27.2
0	32.8	29	26.8	27.7	27.6
10	32.7	29.1	26.9	28	27.9
20	32.5	29.2	27	28.2	28.2

cross-section	Noise Curve Case 1	Noise Curve Case 2	Noise Curve Case 3	Noise Curve Case 4	Noise Curve Existing Lines
30	32.1	29.3	27.1	28.4	28.4
40	31.8	29.4	27.2	28.6	28.5
50	31.4	29.4	27.3	28.7	28.6
60	31.1	29.3	27.3	28.7	28.4
70	30.8	29.1	27.2	28.5	28.2
80	30.4	28.8	27.1	28.2	27.9
90	30	28.3	26.7	27.8	27.4
100	29.6	27.8	26.2	27.2	26.9
110	29.1	27.3	25.6	26.7	26.3
120	28.7	26.7	25	26.1	25.7
130	28.2	26.3	24.5	25.6	25.1
140	27.8	25.8	24	25.1	24.6
150	27.5	25.4	23.6	24.7	24.1
160	27.1	25	23.2	24.3	23.7
170	26.8	24.6	22.8	23.9	23.3
180	26.5	24.3	22.4	23.5	22.9
190	26.2	24	22.1	23.2	22.6
200	26	23.7	21.8	22.9	22.2
210	25.7	23.4	21.5	22.6	21.9
220	25.5	23.1	21.2	22.3	21.6
230	25.3	22.9	21	22.1	21.4
240	25	22.6	20.7	21.8	21.1
250	24.8	22.4	20.5	21.6	20.8
260	24.6	22.2	20.2	21.3	20.6
270	24.4	22	20	21.1	20.4
280	24.2	21.8	19.8	20.9	20.2
290	24.1	21.6	19.6	20.7	20
300	23.9	21.4	19.4	20.5	19.8
310	23.7	21.2	19.2	20.3	19.6
320	23.6	21	19.1	20.2	19.4
330	23.4	20.8	18.9	20	19.2
340	23.2	20.7	18.7	19.8	19
350	23.1	20.5	18.6	19.7	18.9
360	23	20.4	18.4	19.5	18.7
370	22.8	20.2	18.3	19.4	18.5
380	22.7	20.1	18.1	19.2	18.4
390	22.6	19.9	18	19.1	18.3
400	22.4	19.8	17.8	18.9	18.1
410	22.3	19.7	17.7	18.8	18
420	22.2	19.5	17.6	18.7	17.8
430	22.1	19.4	17.4	18.5	17.7
440	21.9	19.3	17.3	18.4	17.6
450	21.8	19.2	17.2	18.3	17.5
460	21.7	19.1	17.1	18.2	17.3
470	21.6	18.9	17	18.1	17.2
480	21.5	18.8	16.8	17.9	17.1
490	21.4	18.7	16.7	17.8	17
500	21.3	18.6	16.6	17.7	16.9

cross-section	Noise Curve Case 1	Noise Curve Case 2	Noise Curve Case 3	Noise Curve Case 4	Noise Curve Existing Lines
-500	46.1	43	40.9	42	41
-490	46.2	43.1	41	42.1	41.1
-480	46.3	43.2	41.1	42.2	41.2
-470	46.4	43.3	41.2	42.3	41.3
-460	46.5	43.4	41.3	42.4	41.4
-450	46.6	43.5	41.4	42.5	41.5
-440	46.7	43.6	41.5	42.6	41.6
-430	46.8	43.7	41.6	42.7	41.7
-420	46.9	43.8	41.7	42.8	41.8
-410	47	43.9	41.8	42.9	41.9
-400	47.1	44.1	42	43	42
-390	47.3	44.2	42.1	43.1	42.1
-380	47.4	44.3	42.2	43.2	42.2
-370	47.5	44.4	42.3	43.3	42.3
-360	47.6	44.5	42.4	43.5	42.5
-350	47.8	44.7	42.6	43.6	42.6
-340	47.9	44.8	42.7	43.7	42.7
-330	48.1	44.9	42.8	43.9	42.8
-320	48.2	45.1	43	44	43
-310	48.4	45.2	43.1	44.1	43.1
-300	48.5	45.4	43.3	44.3	43.3
-290	48.7	45.5	43.4	44.4	43.4
-280	48.8	45.7	43.6	44.6	43.5
-270	49	45.8	43.7	44.7	43.7
-260	49.2	46	43.9	44.9	43.9
-250	49.4	46.2	44.1	45.1	44
-240	49.5	46.4	44.2	45.2	44.2
-230	49.7	46.5	44.4	45.4	44.4
-220	49.9	46.7	44.6	45.6	44.6
-210	50.2	46.9	44.8	45.8	44.8
-200	50.4	47.1	45	46	45
-190	50.6	47.4	45.2	46.2	45.2
-180	50.8	47.6	45.4	46.4	45.4
-170	51.1	47.8	45.7	46.7	45.6
-160	51.4	48.1	45.9	46.9	45.9
-150	51.6	48.3	46.2	47.2	46.1
-140	51.9	48.6	46.5	47.4	46.4
-130	52.3	48.9	46.7	47.7	46.7
-120	52.6	49.2	47	48	47
-110	52.9	49.5	47.4	48.3	47.3
-100	53.3	49.9	47.7	48.7	47.7
-90	53.7	50.3	48.1	49	48.1
-80	54.1	50.6	48.5	49.4	48.5
-70	54.6	51.1	48.9	49.8	48.9
-60	55.1	51.5	49.3	50.2	49.5
-50	55.6	52	49.8	50.7	50
-40	56.2	52.4	50.2	51.1	50.6
-30	56.8	52.9	50.7	51.6	51.3
-20	57.3	53.4	51.2	52	51.8
-10	57.6	53.7	51.5	52.4	52.2
0	57.8	54	51.8	52.7	52.6
10	57.7	54.1	51.9	53	52.9
20	57.5	54.2	52	53.2	53.2

cross-section	Noise Curve Case 1	Noise Curve Case 2	Noise Curve Case 3	Noise Curve Case 4	Noise Curve Existing Lines
30	57.1	54.3	52.1	53.4	53.4
40	56.8	54.4	52.2	53.6	53.5
50	56.4	54.4	52.3	53.7	53.6
60	56.1	54.3	52.3	53.7	53.4
70	55.8	54.1	52.2	53.5	53.2
80	55.4	53.8	52.1	53.2	52.9
90	55	53.3	51.7	52.8	52.4
100	54.6	52.8	51.2	52.2	51.9
110	54.1	52.3	50.6	51.7	51.3
120	53.7	51.7	50	51.1	50.7
130	53.2	51.3	49.5	50.6	50.1
140	52.8	50.8	49	50.1	49.6
150	52.5	50.4	48.6	49.7	49.1
160	52.1	50	48.2	49.3	48.7
170	51.8	49.6	47.8	48.9	48.3
180	51.5	49.3	47.4	48.5	47.9
190	51.2	49	47.1	48.2	47.6
200	51	48.7	46.8	47.9	47.2
210	50.7	48.4	46.5	47.6	46.9
220	50.5	48.1	46.2	47.3	46.6
230	50.3	47.9	46	47.1	46.4
240	50	47.6	45.7	46.8	46.1
250	49.8	47.4	45.5	46.6	45.8
260	49.6	47.2	45.2	46.3	45.6
270	49.4	47	45	46.1	45.4
280	49.2	46.8	44.8	45.9	45.2
290	49.1	46.6	44.6	45.7	45
300	48.9	46.4	44.4	45.5	44.8
310	48.7	46.2	44.2	45.3	44.6
320	48.6	46	44.1	45.2	44.4
330	48.4	45.8	43.9	45	44.2
340	48.2	45.7	43.7	44.8	44
350	48.1	45.5	43.6	44.7	43.9
360	48	45.4	43.4	44.5	43.7
370	47.8	45.2	43.3	44.4	43.5
380	47.7	45.1	43.1	44.2	43.4
390	47.6	44.9	43	44.1	43.3
400	47.4	44.8	42.8	43.9	43.1
410	47.3	44.7	42.7	43.8	43
420	47.2	44.5	42.6	43.7	42.8
430	47.1	44.4	42.4	43.5	42.7
440	46.9	44.3	42.3	43.4	42.6
450	46.8	44.2	42.2	43.3	42.5
460	46.7	44.1	42.1	43.2	42.3
470	46.6	43.9	42	43.1	42.2
480	46.5	43.8	41.8	42.9	42.1
490	46.4	43.7	41.7	42.8	42
500	46.3	43.6	41.6	42.7	41.9

Exhibit No. DJP-3a
EMF Models for the Midway-Waterton Transmission Corridor
(the DP-Waterton segment) milliGauss



cross-section	EMF Curve Case 1	EMF Curve Case 2	EMF Curve Case 3	EMF Curve Case 4	EMF Existing Lines
-500	0.16	0.42	1.78	0.42	0.86
-490	0.16	0.44	1.84	0.44	0.89
-480	0.16	0.46	1.91	0.46	0.93
-470	0.16	0.48	1.99	0.48	0.96
-460	0.16	0.51	2.07	0.51	1
-450	0.16	0.53	2.15	0.53	1.04
-440	0.15	0.56	2.24	0.56	1.08
-430	0.15	0.59	2.34	0.59	1.13
-420	0.15	0.63	2.44	0.63	1.18
-410	0.15	0.66	2.55	0.66	1.23
-400	0.15	0.7	2.66	0.7	1.29
-390	0.14	0.74	2.79	0.74	1.35
-380	0.14	0.79	2.93	0.79	1.41
-370	0.13	0.84	3.07	0.84	1.48
-360	0.13	0.9	3.23	0.9	1.55
-350	0.12	0.96	3.4	0.96	1.63
-340	0.11	1.03	3.58	1.03	1.71
-330	0.11	1.1	3.78	1.1	1.8
-320	0.11	1.18	4	1.18	1.9
-310	0.11	1.28	4.24	1.28	2.01
-300	0.12	1.38	4.49	1.38	2.12
-290	0.14	1.49	4.78	1.49	2.25
-280	0.17	1.62	5.09	1.62	2.38
-270	0.21	1.77	5.44	1.77	2.53
-260	0.26	1.93	5.82	1.93	2.69
-250	0.32	2.12	6.24	2.12	2.87
-240	0.4	2.34	6.71	2.34	3.07
-230	0.5	2.58	7.24	2.58	3.29
-220	0.62	2.87	7.83	2.87	3.53
-210	0.76	3.2	8.5	3.2	3.8
-200	0.94	3.58	9.26	3.58	4.1
-190	1.15	4.03	10.12	4.03	4.44
-180	1.42	4.56	11.11	4.56	4.82
-170	1.75	5.2	12.25	5.2	5.26
-160	2.16	5.96	13.57	5.96	5.76
-150	2.68	6.88	15.12	6.88	6.34
-140	3.34	8	16.94	8	7.02
-130	4.19	9.38	19.1	9.38	7.82
-120	5.28	11.1	21.67	11.1	8.79
-110	6.72	13.27	24.78	13.27	9.96
-100	8.61	16.03	28.56	16.03	11.43
-90	11.14	19.59	33.18	19.59	13.31
-80	14.57	24.22	38.89	24.22	15.82
-70	19.26	30.32	45.97	30.32	19.3
-60	25.73	38.42	54.72	38.42	24.35
-50	34.68	49.16	65.35	49.16	31.95
-40	46.88	63.14	77.63	63.14	43.37
-30	62.6	80.2	89.98	80.2	58.73
-20	80.02	97.91	98.09	97.91	74.46
-10	93.64	111.01	96.09	111.01	86.29
0	98.03	116.71	83.44	116.71	95.41
10	94.49	118.43	66.02	118.43	104.55
20	90.01	119.11	48.93	119.11	114.07

cross-section	EMF Curve Case 1	EMF Curve Case 2	EMF Curve Case 3	EMF Curve Case 4	EMF Existing Lines
30	90.32	119.26	41.14	119.26	125.09
40	93.99	117.9	50.33	117.9	137.9
50	94.94	112.41	63.48	112.41	142.24
60	93.69	105.93	72.18	105.93	132.17
70	97.54	105	84.52	105	122.03
80	100.66	102.58	98.2	102.58	118.16
90	92.33	89.49	99.48	89.49	108.79
100	75.96	70.48	88.68	70.48	92.06
110	59.52	53.08	74.32	53.08	74.56
120	46.16	39.67	61.16	39.67	59.77
130	36.04	29.88	50.39	29.88	48.16
140	28.5	22.8	41.87	22.8	39.24
150	22.85	17.66	35.16	17.66	32.37
160	18.59	13.88	29.87	13.88	27.05
170	15.33	11.06	25.64	11.06	22.87
180	12.79	8.93	22.23	8.93	19.55
190	10.8	7.29	19.45	7.29	16.88
200	9.21	6.01	17.15	6.01	14.7
210	7.92	5.01	15.24	5.01	12.91
220	6.88	4.21	13.63	4.21	11.42
230	6.01	3.56	12.27	3.56	10.17
240	5.29	3.03	11.1	3.03	9.11
250	4.69	2.6	10.09	2.6	8.21
260	4.18	2.25	9.22	2.25	7.43
270	3.74	1.95	8.45	1.95	6.76
280	3.37	1.7	7.78	1.7	6.17
290	3.05	1.49	7.19	1.49	5.66
300	2.76	1.31	6.66	1.31	5.2
310	2.52	1.16	6.19	1.16	4.8
320	2.3	1.03	5.77	1.03	4.44
330	2.12	0.92	5.39	0.92	4.13
340	1.95	0.82	5.05	0.82	3.84
350	1.8	0.73	4.74	0.73	3.58
360	1.66	0.66	4.45	0.66	3.35
370	1.54	0.59	4.2	0.59	3.14
380	1.44	0.54	3.96	0.54	2.95
390	1.34	0.49	3.75	0.49	2.78
400	1.25	0.44	3.55	0.44	2.62
410	1.17	0.4	3.37	0.4	2.47
420	1.1	0.37	3.2	0.37	2.34
430	1.03	0.34	3.05	0.34	2.21
440	0.97	0.31	2.9	0.31	2.1
450	0.92	0.28	2.77	0.28	1.99
460	0.87	0.26	2.64	0.26	1.89
470	0.82	0.24	2.53	0.24	1.8
480	0.78	0.22	2.42	0.22	1.72
490	0.74	0.21	2.32	0.21	1.64
500	0.7	0.19	2.23	0.19	1.57