
APPENDIX 12.7A – CURTAILMENT STRATEGY – FOEL TRAWSNANT CONSENTED

Daytime Operation

Table 12.7a.1 – Daytime Curtailment Operational Modes – T1

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	5	6	6	6	6	3	0	0	0
	7	0	0	0	5	6	6	6	6	0	0	0	0
	8	0	0	0	4	5	5	5	5	0	0	0	0
	9	0	0	0	4	5	5	5	5	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.2 – Daytime Curtailment Operational Modes – T2

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	3	4	4	4	4	5	0	0	0
	7	0	0	0	4	5	4	4	4	0	0	0	0
	8	0	0	0	2	4	4	4	4	0	0	0	0
	9	0	0	0	2	4	4	4	4	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.3 – Daytime Curtailment Operational Modes – T3

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	1	1	1	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.4 – Daytime Curtailment Operational Modes – T6

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	10	0	0	0	0	2	10	5	10	10	10	10
	7	10	1	0	0	0	3	10	10	10	10	10	10
	8	10	2	1	0	0	3	10	10	10	10	10	10
	9	3	0	0	0	0	0	4	3	10	10	10	10
	10	0	0	0	0	0	0	0	0	1	2	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.5 – Daytime Curtailment Operational Modes – T7

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	1	1	0
	7	0	0	0	0	0	0	0	0	1	1	1	0
	8	0	0	0	0	0	0	0	1	1	1	3	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.6 – Daytime Curtailment Operational Modes – T8

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	4	2	8	7	8	8	5
	7	0	0	0	0	0	4	2	8	8	8	9	6
	8	0	0	0	0	1	5	3	8	8	9	10	7
	9	0	0	0	0	0	2	0	5	4	5	5	4
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.7 – Daytime Curtailment Operational Modes – T9

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	3	1	0	0	3	2	8	9	8	9	9	2
	7	3	2	0	0	4	3	8	9	9	10	10	3
	8	4	2	1	1	4	4	8	9	9	10	10	4
	9	0	0	0	0	0	0	6	7	6	7	6	0
	10	0	0	0	0	0	0	0	0	1	1	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.8 – Daytime Curtailment Operational Modes – T10

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	2	0	0	0	0	7	8	9	9	10	6	5
	7	2	1	1	2	1	7	8	9	10	10	6	6
	8	2	2	1	3	2	8	9	9	10	10	7	6
	9	0	0	0	0	0	5	6	7	6	7	2	3
	10	0	0	0	0	0	0	0	0	1	2	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.9 – Daytime Curtailment Operational Modes – T11

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	3	4	5	5	6	0	0
	7	0	0	0	0	1	4	4	5	5	5	0	0
	8	0	0	0	0	2	4	5	6	6	6	0	0
	9	0	0	0	0	0	1	2	3	2	3	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.10 – Daytime Curtailment Operational Modes – T12

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	10	10	10	10	10	5	3	0	0	0	0
	7	0	10	10	10	10	10	6	4	0	0	0	0
	8	0	10	10	10	10	10	6	4	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.11 – Daytime Curtailment Operational Modes – T13

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	1	1	0	0	0	0	0	0	0	0
	7	0	0	1	1	1	0	0	0	0	0	0	0
	8	0	0	1	1	1	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.12 – Daytime Curtailment Operational Modes – T17

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	4	4	4	4	4	0	0	0	0	0
	7	0	0	5	5	5	4	4	0	0	0	0	0
	8	0	0	5	5	5	4	4	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Night-time Operation

Table 12.7a.13 – Night-time Curtailment Operational Modes – T1

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	5	7	7	7	9	0	0	0	0
	8	4	0	0	6	7	8	8	6	6	5	5	4
	9	6	0	0	5	6	7	7	4	0	13	13	8
	10	6	0	0	4	6	7	7	4	0	13	13	8
	11	0	0	0	4	6	7	7	2	0	0	0	0
	12	0	0	0	4	6	7	7	2	0	0	0	0

Table 12.7a.14 – Night-time Curtailment Operational Modes – T2

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	3	5	6	6	7	0	0	0	0
	8	10	0	0	4	6	6	6	5	2	10	10	10
	9	11	0	0	3	5	5	5	3	8	13	13	13
	10	11	0	0	3	5	5	5	3	8	13	13	13
	11	7	0	0	3	5	5	5	2	0	7	7	7
	12	0	0	0	3	5	5	5	2	0	0	0	0

Table 12.7a.15 – Night-time Curtailment Operational Modes – T3

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	4	0	0	0	0
	8	0	0	0	1	3	3	4	0	0	4	4	4
	9	2	0	0	0	1	2	3	0	0	13	13	8
	10	2	0	0	0	1	1	1	0	0	13	13	8
	11	0	0	0	0	1	1	1	0	0	0	0	0
	12	0	0	0	0	1	1	1	0	0	0	0	0

Table 12.7a.16 – Night-time Curtailment Operational Modes – T4

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	4	0	0	0	0	0	0	2	0	7	7	7
	8	13	0	0	0	0	1	1	0	9	13	13	13
	9	13	5	0	0	0	0	0	0	12	13	13	13
	10	13	5	0	0	0	0	0	0	12	13	13	13
	11	10	0	0	0	0	0	0	0	6	10	10	10
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.17 – Night-time Curtailment Operational Modes – T5

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	2	2	2
	8	10	0	0	0	0	0	0	0	5	11	11	10
	9	10	0	0	0	0	0	0	0	10	13	13	13
	10	10	0	0	0	0	0	0	0	10	13	13	13
	11	6	0	0	0	0	0	0	0	1	10	10	10
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.18 – Daytime Curtailment Operational Modes – T6

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	10	0	0	0	0	1	5	4	10	10	10	10
	8	5	1	0	0	0	1	5	4	10	10	10	10
	9	10	2	1	0	0	1	5	5	10	10	10	10
	10	10	2	1	0	0	1	5	5	10	10	10	10
	11	10	2	1	0	0	1	5	5	10	10	10	10
	12	4	0	0	0	0	0	3	2	10	10	10	10

Table 12.7a.19 – Night-time Curtailment Operational Modes – T7

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	5	3	0
	10	0	0	0	0	0	0	0	0	0	5	3	0
	11	0	0	0	0	0	0	0	0	0	1	1	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.20 – Night-time Curtailment Operational Modes – T8

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	3	1	6	6	7	7	5
	8	0	0	0	0	0	3	2	6	6	7	7	5
	9	0	0	0	0	0	4	2	7	6	4	6	5
	10	0	0	0	0	0	4	2	7	6	4	6	5
	11	0	0	0	0	0	4	2	7	6	8	8	6
	12	0	0	0	0	0	0	0	4	4	5	6	4

Table 12.7a.21 – Night-time Curtailment Operational Modes – T9

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	3	1	0	0	0	1	7	7	7	8	9	1
	8	3	1	0	0	1	1	7	8	7	8	8	1
	9	3	2	1	0	3	2	7	8	8	5	7	2
	10	3	2	1	0	3	2	7	8	8	5	7	2
	11	3	2	1	0	3	2	7	8	8	9	10	3
	12	2	0	0	0	0	0	5	6	5	6	7	0

Table 12.7a.22 – Night-time Curtailment Operational Modes – T10

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	2	0	0	0	0	6	7	8	7	9	5	4
	8	2	1	0	0	0	6	7	8	7	8	5	4
	9	2	2	1	2	0	6	8	8	8	6	3	4
	10	2	2	1	2	0	6	8	8	8	6	3	4
	11	2	2	1	2	0	6	8	8	8	9	6	5
	12	0	0	0	0	0	4	5	6	5	7	2	3

Table 12.7a.23 – Night-time Curtailment Operational Modes – T11

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	1	3	4	3	5	0	0
	8	0	0	0	0	0	2	3	4	4	5	0	0
	9	0	0	0	0	0	3	4	5	4	10	5	0
	10	0	0	0	0	0	3	4	5	4	10	5	0
	11	0	0	0	0	0	3	4	5	4	6	0	0
	12	0	0	0	0	0	0	1	2	1	3	0	0

Table 12.7a.24 – Night-time Curtailment Operational Modes – T12

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	2	6	6	7	9	5	2	0	0	0	0
	8	0	3	7	7	8	9	5	3	0	0	0	0
	9	0	4	7	7	8	10	6	4	0	0	0	0
	10	0	4	7	7	8	10	6	4	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.25 – Night-time Curtailment Operational Modes – T13

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	1	0	0	0	0	0
	10	0	0	0	0	0	0	1	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.26 – Night-time Curtailment Operational Modes – T16

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	9	3	0
	10	0	0	0	0	0	0	0	0	0	9	3	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0

Table 12.7a.27 – Night-time Curtailment Operational Modes – T17

		Wind Direction (°)											
		0	30	60	90	120	150	180	210	240	270	300	330
Standardised 10 m Height Wind Speed (m/s)	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	3	4	0	0	0	0	0
	8	0	0	0	0	1	4	4	0	0	0	0	0
	9	0	0	1	1	2	4	4	0	0	0	0	0
	10	0	0	1	1	2	4	4	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0