
APPENDIX 12.7B – CURTAILMENT STRATEGY – FOEL TRAWSNANT SECTION 73

Daytime Operation

Table 12.7b.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	2	4	4	4	4	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	4	4	4	4	4	0	0	0	0
	9	0	0	0	4	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 12.7b.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	1	3	3	3	3	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	1	3	3	3	3	0	0	0	0
	9	0	0	0	1	3	3	3	3	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 12.7b.3 – 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	5	0	0	0	0	1	5	5	10	10	10	10
	7	10	0	0	0	0	2	10	10	10	10	10	10
	8	10	1	0	0	0	2	10	10	10	10	10	10
	9	1	0	0	0	0	0	3	2	10	10	10	5
	10	0	0	0	0	0	0	0	0	0	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 12.7b.4 – 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	0	0	0
	7	0	0	0	0	0	0	0	0	0	1	1	0
	8	0	0	0	0	0	0	0	0	0	1	1	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 12.7b.5 – 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	3	2	7	6	7	7	4
	7	0	0	0	0	0	4	2	8	7	8	8	5
	8	0	0	0	0	0	4	2	8	8	8	8	6
	9	0	0	0	0	0	0	0	5	4	5	4	3
	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 12.7b.6 – 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	0	0	0	1	2	8	8	8	9	8	1
	7	3	1	0	0	3	2	8	9	8	9	10	2
	8	3	1	0	0	4	3	8	9	9	9	10	2
	9	0	0	0	0	0	0	5	6	5	6	5	0
	10	0	0	0	0	0	0	0	0	0	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 12.7b.7 – 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	1	0	0	0	0	7	8	8	8	9	5	4
	7	2	0	0	0	0	7	8	9	9	10	5	5
	8	2	1	0	1	1	7	8	9	9	10	6	5
	9	0	0	0	0	0	4	6	6	5	6	0	3
	10	0	0	0	0	0	0	0	0	0	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 12.7b.8 – 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	4	5	0	0
	7	0	0	0	0	1	3	4	5	5	5	0	0
	8	0	0	0	0	1	4	4	5	5	6	0	0
	9	0	0	0	0	0	0	1	2	1	2	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 12.7b.9 – 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	2	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 12.7b.10 – 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	0	0	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 12.7b.11 – 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	4	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 12.7b.12 – 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	3	5	6	6	8	0	0	0	0
	8	0	0	0	0	3	4	4	0	1	0	0	0
	9	0	0	0	4	6	6	6	1	6	0	0	0
	10	0	0	0	4	6	6	6	1	0	0	0	0
	11	0	0	0	4	6	6	6	1	0	0	0	0
	12	0	0	0	4	6	6	6	1	0	0	0	0

Table 12.7b.13 – 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	1	5	5	5	6	0	0	0	0
	8	0	0	0	0	4	1	1	2	0	0	0	0
	9	0	0	0	2	4	5	5	0	0	0	0	0
	10	0	0	0	2	4	4	4	0	0	0	0	0
	11	0	0	0	1	4	4	4	0	0	0	0	0
	12	0	0	0	1	4	4	5	1	0	0	0	0

Table 12.7b.14 – 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	2	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	1	1	2	0	1	0	0	0
	10	0	0	0	0	0	1	1	0	0	0	0	0
	11	0	0	0	0	0	1	1	0	0	0	0	0
	12	0	0	0	0	0	1	1	0	0	0	0	0

Table 12.7b.15 – Night-time 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	5	0	0	0	0	1	5	4	10	10	10	10
	8	10	0	0	0	0	1	5	4	10	10	10	10
	9	10	1	0	0	0	1	5	5	10	10	10	10
	10	10	1	0	0	0	1	5	5	10	10	10	10
	11	10	1	0	0	0	1	5	5	10	10	10	10
	12	3	0	0	0	0	0	3	2	10	10	10	10

Table 12.7b.16 – 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	1	0
	9	0	0	0	0	0	0	0	0	0	1	1	0
	10	0	0	0	0	0	0	0	0	0	1	1	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 12.7b.17 – 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	0	0	0	0	0	0	0
	7	0	0	0	0	0	3	1	6	5	7	7	4
	8	0	0	0	0	0	3	1	6	6	7	8	5
	9	0	0	0	0	0	3	2	7	6	8	8	6
	10	0	0	0	0	0	3	2	7	6	8	8	6
	11	0	0	0	0	0	3	2	7	6	8	8	6
	12	0	0	0	0	0	0	0	4	4	5	4	4

Table 12.7b.18 – 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	0	0	0	0	1	7	7	7	8	8	1
	8	3	1	0	0	0	1	7	8	7	9	9	2
	9	3	1	0	0	2	2	7	8	8	9	10	2
	10	3	1	0	0	2	2	7	8	8	9	10	2
	11	3	1	0	0	2	2	7	8	8	9	10	2
	12	0	0	0	0	0	0	5	6	5	6	6	0

Table 12.7b.19 – 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	1	0	0	0	0	6	7	8	7	8	4	4
	8	2	0	0	0	0	6	7	8	7	9	5	4
	9	2	1	0	0	0	6	8	8	8	9	6	5
	10	2	1	0	0	0	6	8	8	8	9	6	5
	11	2	1	0	0	0	6	8	8	8	9	6	5
	12	0	0	0	0	0	4	5	6	5	6	1	3

Table 12.7b.20 – 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	4	0	0
	8	0	0	0	0	0	2	3	4	3	5	0	0
	9	0	0	0	0	0	3	4	4	4	6	0	0
	10	0	0	0	0	0	3	4	4	4	6	0	0
	11	0	0	0	0	0	3	4	4	4	6	0	0
	12	0	0	0	0	0	0	0	1	1	2	0	0

Table 12.7b.21 – 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 12.7b.22 – 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 12.7b.23 – 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	3	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