

Forecast Statement 2001/2 - 2007/8

Errata

April, 2002

In August 2001, ESB National Grid published its *Forecast Statement 2001/2-2007/8* followed in February 2002 by a *Forecast Statement 2001/2-2007/8 Supplement*. A number of publishing errors in these documents have been noted, to which your attention is now drawn.

Missing and corrected data are presented here; missing data is bolded while corrections are highlighted. All these changes have been made to the documents on the EirGrid website.

ESB National Grid regrets any inconvenience that these errors may have caused, and will continue its endeavours to provide, insofar as it is reasonably possible, accurate and meaningful information in fulfilment of its requirements under Section 38 of the Electricity Regulation Act, 1999.

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Table VI- 1 Results of Analysis on Connection of 100MW generator at 110kV stations

Station Name	Nearest Main Town	Capability for 100MW gen?		
		2001/02	2004/05	2007/08
Castlebar	Castlebar	X	X	X
Tralee	Tralee	✓	X	X
Trabeg	Cork	X	X	X
Wexford	Wexford	X	X	X

✓ Yes
X No

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Table A-1 Short Bus Codes

Short bus code	Full Name	Voltage
GCA	Grange Castle	110kV
GRA	Grange	110kV

Table B-1.ii Characteristics of Existing 220kV Lines and Cables

220kV Circuits			Length km	Impedance p.u. on 100 MVA			Circuit Rating MVA	
From	To	No.		R	X	B	Summer	Winter
CKM	PB	1	14.5	0.001	0.005	0.616	267	267
FIN	SHL	1	13.4	0.000	0.005	0.368	570	570
FIN	NW	1	11.9	0.001	0.003	0.677	332	332
INC	PB	1	12.5	0.001	0.004	0.498	267	267
INC	SHL	1	11.3	0.001	0.003	0.637	351	351
ISH	SHL	1	1.4	0.000	0.001	0.038	570	570
NW	PB	1	4.5	0.000	0.001	0.263	332	332
PB	SHL	1	0.1	0.000	0.000	0.002	250	250

Table B-1.iii Characteristics of Existing 110kV Lines and Cables

220kV Circuits			Length km	Impedance p.u. on 100 MVA			Circuit Rating MVA	
From	To	No.		R	X	B	Summer	Winter
ARV	GWE	1	30.5	0.037	0.103	0.010	107	126
ARV	SKL	1	18.6	0.028	0.062	0.006	72	103
BRY	RAF	2	1.8	0.002	0.006	0.001	107	126
CF	COR	1	61.5	0.064	0.205	0.021	107	126
KRA	WHI	1	25.5	0.039	0.087	0.008	72	103
SH	IKE T	1	53.8	0.053	0.170	0.019	93	112
PLS	DAL T	1	54.7	0.040	0.179	0.019	72	103
FIN	MUL	1	76.7	0.094	0.253	0.031	72	103

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Table B-4.i Changes in Circuit Characteristics between supplement date and summer 2002

Change	Volt kV	From	To	No.	Length km	Impedance p.u. on 100 MVA			Circuit Rating MVA	
						R	X	B	Summer	Winter
Add	220	CKM	ISH	1	12.8	0.000	0.005	0.320	570	570

Table B-4.ii Changes in Circuit Characteristics between summer 2002 and winter 2004/5

Change	Volt kV	From	To	No.	Length km	Impedance p.u. on 100 MVA			Circuit Rating MVA	
						R	X	B	Summer	Winter
Add	400	MP1	OST	1	105.0	0.002	0.023	0.530	1424	1713
Add	400	OST	WOO	1	125.0	0.002	0.028	0.631	1424	1713
Add	110	KLN	TIP	1	41.0	0.064	0.141	0.013	107	126
Add	110	BAN	RAF	1	26.4	0.041	0.110	0.010	107	126
Add	110	RAF	TBG	2	12.0	0.019	0.041	0.004	107	126
Add	110	IA	MAC	1	17.0	0.027	0.059	0.006	107	126
Del	110	KBY	MAC	1

Table B-5.ii Characteristics of new Grid Transformers expected between summer 2002 and winter 2004/5

Transformer	100% MVA Rating	HV/LV kV	Impedance p.u. on 100 MVA		Voltage Ratio Tapping Range	
			R	X	+	-
Inchicore 3	250	220/110	0.001	0.064	9%	17%
Corduff 2	<i>Finglas T2103 will be moved to the new Corduff station.</i>					

Table B-7.iii Further developments expected to be completed by the start of winter 2004/5

<ul style="list-style-type: none"> • Construction of Carrigadrohid-Macroom 110kV line • Uprating of Drybridge-Navan 110kV line
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Figures D-1, D-2, and D-3 Power Flows

In the power flow diagrams, the flows on Arklow T2101, Raffeen-Trabeg 2 and Maynooth T2103 are incorrect. The correct flows are presented here.

Flows (from sending bus)		D-1 Winter 2001/2	D-2 Winter 2004/5	D-3 Winter 2007/8
Arklow T2101	MW	29.9	18.1	19.8
	MVA _r	7.2	2.4	3.0
Raffeen-Trabeg 2	MW	N/A	17.4	31.4
	MVA _r	N/A	1.1	3.8
Maynooth T2103	MW	N/A	118	133
	MVA _r	N/A	33.1	39.5