

BGE Distribution Tariffs for the period Oct 1st 2002 to September 30th 2003

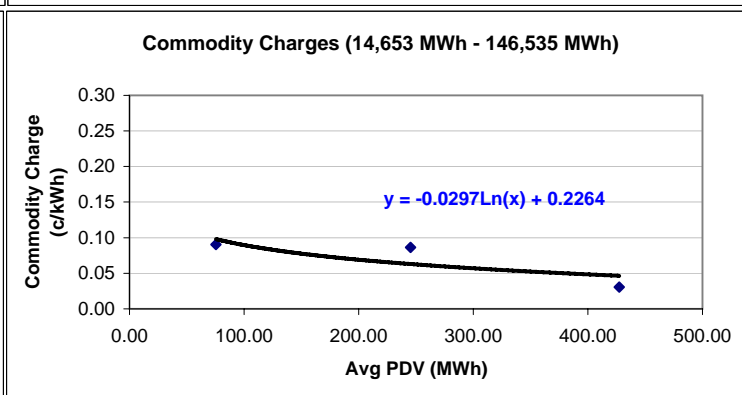
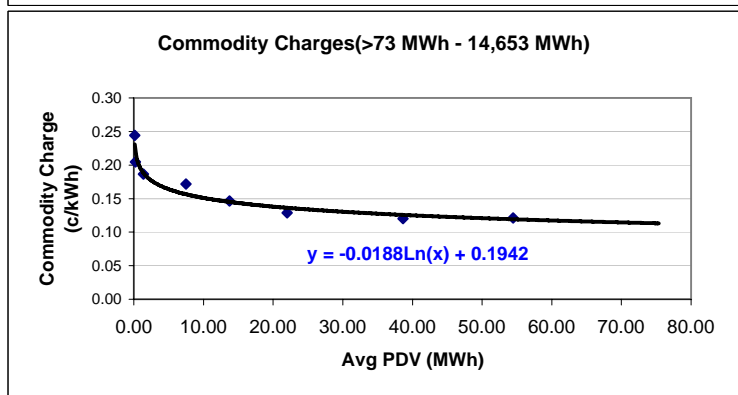
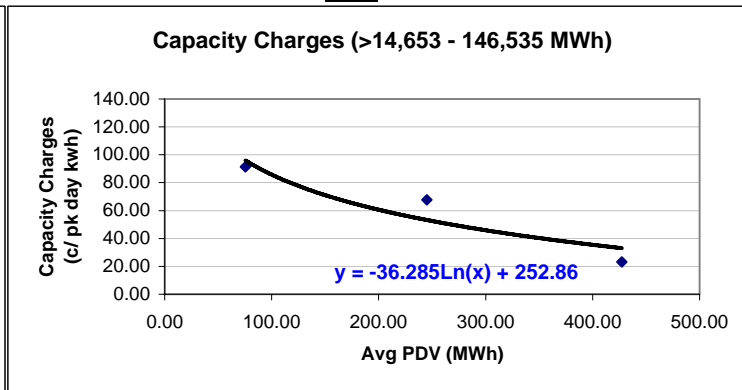
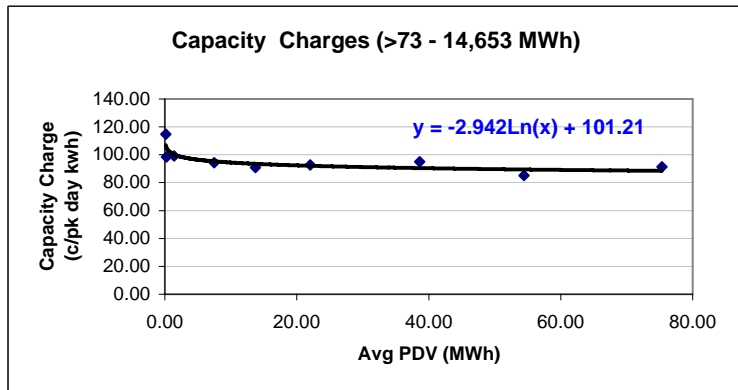
Basis for tariffs :

Statistical Cost Based Approach of Implementation - tariffs apply to all gas customers <146,535 MWh p.a.
Assets valued at historic cost inflated at cpi less straight line depreciation
6.5% Pre-tax, Real Rate of Return

2002-2003 Load Based Formula

Customer Band	PDV GWh	AQ GWh	Avg PDV GWh	Avg AQ GWh	Cap Chg c/pk d kwh	Com Chg c/kwh	Cap Rev €n	Com Rev €n	Tot Rev €n
Residential	58.35	6864	0.14	16.64	114.84	0.24	67.01	16.75	83.76
<73.25 MWh	1.89	227	0.23	27.37	98.47	0.20	1.86	0.46	2.32
<732.67 MWh	8.83	1173	1.39	184.10	99.24	0.19	8.76	2.19	10.95
<2051 MWh	5.35	735	7.49	1029.41	94.41	0.17	5.05	1.26	6.31
<2.93 MWh	2.10	326	13.73	2129.08	90.88	0.15	1.91	0.48	2.39
<7,327 MWh	5.64	1014	22.02	3961.91	92.67	0.13	5.22	1.31	6.53
<10,257 MWh	1.89	373	38.62	7617.35	94.99	0.12	1.80	0.45	2.25
<14,653 MWh	3.38	593	54.44	9568.55	85.21	0.12	2.88	0.72	3.59
<29,307 MWh	5.43	1370	75.35	19020.83	91.40	0.09	4.96	1.24	6.20
<73,267 MWh	5.15	1007	245.18	47953.95	67.69	0.09	3.49	0.87	4.36
<146,535 MWh	5.13	976	427.44	81317.87	23.22	0.03	1.19	0.30	<u>1.49</u>

130.14



BORD GAIS EIREANN DISTRIBUTION CHARGE CALCULATION 2002-2003

<i>Postalised Charge</i>	2002-2003	Sep 03
<i>mp system</i>		
Opening Assets	241,593	
Additions	15,363	
Closing Assets		-249,900
Operating Costs	<u>51,576</u>	
Total Costs	<u>308,531</u>	
NPV Costs	73,883	
Peak Day Volumes (GWh)	96.91	
Annual Volumes (GWh)	13,450	
c per pk day kwh	60.991	
c per kwh	0.110	
NPV Capacity Charges	59,107	-
NPV Commodity Charges	14,777	-
<hr/>		
<i>Postalised Charge</i>	2002-2003	Sep 03
<i>lp system</i>		
Opening Assets	268,405	
Additions	11,520	
Closing Assets		-274,513
Total Costs	<u>279,925</u>	
NPV Costs	22,166	
Peak Day Volumes (GWh)	55.22	
Annual Volumes (GWh)	7,151	
c per pk day kwh	32.115	
c per kwh	0.062	
NPV Capacity Charges	17,733	-
NPV Commodity Charges	4,433	-
<hr/>		
<i>Postalised Charge</i>	2002-2003	Sep 03
<i>Industrial/Commercial</i>		
Opening Assets	71,950	
Additions	10,963	
Closing Assets		-79,102
Total Costs	<u>82,913</u>	
NPV Costs	8,639	
Peak Day Volumes (GWh)	38.56	
Annual Volumes (GWh)	6,586	
c per pk day kwh	17.922	
c per kwh	0.026	
NPV Capacity Charges	6,911	-
NPV Commodity Charges	1,728	-
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<i>Postalised Charge</i>	2002-2003	Sep 03
<i>Residential</i>		
Opening Assets	253,347	
Additions	32,237	
Closing Assets		-277,040
Total Costs	<u>285,584</u>	
NPV Costs	25,453	
Peak Day Volumes (GWh)	58.35	
Annual Volumes (GWh)	6,864	
c per pk day kwh	34.897	
c per kwh	0.074	
NPV Capacity Charges	20,362	-
NPV Commodity Charges	5,091	-

BORD GAIS EIREANN DISTRIBUTION CHARGE CALCULATION 2002-2003

Medium Pressure Charges

Residential		43.129	
a1	<73.25 MWh	1.398	73.25
a2	<732.67 MWh	6.665	732.675
b1	<2051 MWh	4.020	2.05149
c1	<2.93 MWh	1.586	2.9307
c2	<7,327 MWh	4.412	7326.75
d1	<10,257 MWh	1.483	10257.45
e1	<14,653 MWh	2.455	14653.5
f1	<29,307 MWh	4.349	29307
f2	<73,267 MWh	3.223	73267.5
g1	<146,535 MWh	<u>1.163</u>	146535
g2	Total	<u>73.883</u>	

Low Pressure Charges

Residential		15.176
a1	<73.25 MWh	0.525
a2	<732.67 MWh	2.395
b1	<2051 MWh	1.157
c1	<2.93 MWh	0.353
c2	<7,327 MWh	0.881
d1	<10,257 MWh	0.349
e1	<14,653 MWh	0.451
f1	<29,307 MWh	0.646
f2	<73,267 MWh	0.233
g1	<146,535 MWh	<u>0.000</u>
g2	Total	<u>22.166</u>

Customer Specific Charges

Residential		25.453
a1	<73.25 MWh	0.397
a2	<732.67 MWh	1.888
b1	<2051 MWh	1.137
c1	<2.93 MWh	0.447
c2	<7,327 MWh	1.237
d1	<10,257 MWh	0.414
e1	<14,653 MWh	0.689
f1	<29,307 MWh	1.203
f2	<73,267 MWh	0.901
g1	<146,535 MWh	<u>0.325</u>
g2	Total	<u>34.091</u>

Total Revenue from sector

Residential		83.758
a1	<73.25 MWh	2.320
a2	<732.67 MWh	10.948
b1	<2051 MWh	6.314
c1	<2.93 MWh	2.386
c2	<7,327 MWh	6.530
d1	<10,257 MWh	2.247
e1	<14,653 MWh	3.595
f1	<29,307 MWh	6.198
f2	<73,267 MWh	4.357
g1	<146,535 MWh	<u>1.488</u>
g2	Total	<u>130.141</u>

BORD GAIS EIREANN DISTRIBUTION CHARGE CALCULATION 2002-2003

Capacity Charges

Residential		114.84
a1	<73.25 MWh	98.47
a2	<732.67 MWh	99.24
b1	<2051 MWh	94.41
c1	<2.93 MWh	90.88
c2	<7,327 MWh	92.67
d1	<10,257 MWh	94.99
e1	<14,653 MWh	85.21
f1	<29,307 MWh	91.40
f2	<73,267 MWh	67.69
g1	<146,535 MWh	23.22

Commodity Charges

Residential		0.2441
a1	<73.25 MWh	0.2044
a2	<732.67 MWh	0.1867
b1	<2051 MWh	0.1718
c1	<2.93 MWh	0.1465
c2	<7,327 MWh	0.1288
d1	<10,257 MWh	0.1204
e1	<14,653 MWh	0.1212
f1	<29,307 MWh	0.0905
f2	<73,267 MWh	0.0865
g1	<146,535 MWh	0.0305

Revenue

Residential		83.758
a1	<73.25 MWh	2.320
a2	<732.67 MWh	10.948
b1	<2051 MWh	6.314
c1	<2.93 MWh	2.386
c2	<7,327 MWh	6.530
d1	<10,257 MWh	2.247
e1	<14,653 MWh	3.595
f1	<29,307 MWh	6.198
f2	<73,267 MWh	4.357
g1	<146,535 MWh	<u>1.488</u>
		<u>130.141</u>

Average Charges c/kwh

Residential		1.220
a1	<73.25 MWh	1.022
a2	<732.67 MWh	0.933
b1	<2051 MWh	0.859
c1	<2.93 MWh	0.732
c2	<7,327 MWh	0.644
d1	<10,257 MWh	0.602
e1	<14,653 MWh	0.606
f1	<29,307 MWh	0.453
f2	<73,267 MWh	0.433
g1	<146,535 MWh	0.153

Volumes & Peaks

MARKET VOLUMES	2002-2003
	GWh
Residential	6864
<u>I/C</u>	
A1 <73.25 MWh	227
A2 <732.67 MWh	1173
B1 <2051 MWh	735
C1 <2.93 MWh	326
C2 <7,327 MWh	1014
D1 <10,257 MWh	373
E1 <14,653 MWh	593
F1 <29,307 MWh	1370
F2 <73,267 MWh	1007
G1 <146,535 MWh	976
TOTAL MARKET VOLUME	14658

% on Distribution Network

Residential	100.0%
<u>I/C</u>	
A1 <73.25 MWh	99.9%
A2 <732.67 MWh	99.9%
B1 <2051 MWh	98.8%
C1 <2.93 MWh	96.8%
C2 <7,327 MWh	96.9%
D1 <10,257 MWh	94.8%
E1 <14,653 MWh	90.6%
F1 <29,307 MWh	90.4%
F2 <73,267 MWh	75.9%
G1 <146,535 MWh	27.7%

DISTRIBUTION ONLY (MEDIUM PRESURE) VOLUMES (GWh)	
Residential	6864
<u>I/C</u>	
A1 <73.25 MWh	227
A2 <732.67 MWh	1172
B1 <2051 MWh	726
C1 <2.93 MWh	315
C2 <7,327 MWh	983
D1 <10,257 MWh	354
E1 <14,653 MWh	537
F1 <29,307 MWh	1237
F2 <73,267 MWh	764
G1 <146,535 MWh	270
TOTAL	13450

% on Low Pressure (as % of market)

Residential 66.0%

I/C

A1 <73.25 MWh	70.4%
A2 <732.67 MWh	67.2%
B1 <2051 MWh	53.2%
C1 <2.93 MWh	40.3%
C2 <7,327 MWh	36.1%
D1 <10,257 MWh	41.6%
E1 <14,653 MWh	31.1%
F1 <29,307 MWh	24.9%
F2 <73,267 MWh	10.2%
G1 <146,535 MWh	0.0%

LOW PRESSURE ONLY VOLUMES (GWh)	
Residential	4530
<u>I/C</u>	
A1 <73.25 MWh	160
A2 <732.67 MWh	789
B1 <2051 MWh	391
C1 <2.93 MWh	131
C2 <7,327 MWh	366
D1 <10,257 MWh	155
E1 <14,653 MWh	184
F1 <29,307 MWh	341
F2 <73,267 MWh	103
G1 <146,535 MWh	0
TOTAL	7151

2002-2003

Swing

Residential 310%

I/C

A1 <73.25 MWh	303%
A2 <732.67 MWh	275%
B1 <2051 MWh	266%
C1 <2.93 MWh	235%
C2 <7,327 MWh	203%
D1 <10,257 MWh	185%
E1 <14,653 MWh	208%
F1 <29,307 MWh	145%
F2 <73,267 MWh	187%
G1 <146,535 MWh	192%

MARKET PEAK DAY (GWh)

Residential	58.35
<u>I/C</u>	
A1 <73.25 MWh	1.89
A2 <732.67 MWh	8.83
B1 <2051 MWh	5.35
C1 <2.93 MWh	2.10
C2 <7,327 MWh	5.64
D1 <10,257 MWh	1.89
E1 <14,653 MWh	3.38
F1 <29,307 MWh	5.43
F2 <73,267 MWh	5.15
G1 <146,535 MWh	5.13
TOTAL	103.12

DISTRIBUTION ONLY (MEDIUM PRESSURE) PEAK DAY (GWh)

Residential	58.35
<u>I/C</u>	0.00
A1 <73.25 MWh	1.88
A2 <732.67 MWh	8.82
B1 <2051 MWh	5.28
C1 <2.93 MWh	2.03
C2 <7,327 MWh	5.46
D1 <10,257 MWh	1.79
E1 <14,653 MWh	3.06
F1 <29,307 MWh	4.90
F2 <73,267 MWh	3.91
G1 <146,535 MWh	1.42
TOTAL	96.91

DISTRIBUTION LOW PRESSURE PEAK DAY (GWh)

Residential	38.51
<u>I/C</u>	
A1 <73.25 MWh	1.33
A2 <732.67 MWh	5.93
B1 <2051 MWh	2.85
C1 <2.93 MWh	0.85
C2 <7,327 MWh	2.04
D1 <10,257 MWh	0.79
E1 <14,653 MWh	1.05
F1 <29,307 MWh	1.35
F2 <73,267 MWh	0.53
G1 <146,535 MWh	0.00
TOTAL	55.22

Assets

Assets	Oct 1st 2002 gross cost	Oct 1st 2002 accum dep	Oct 1st 2002 net asset value	Additions	Sep 30 2003 gross cost	sep 30 2003 accum dep	Sep 30 2003 net asset value
Mains							
Low Pressure	313,182	44,776	268,405	11,520	324,701	50,188	274,513
Medium Pressure	264,644	37,837	226,808	9,734	274,378	42,410	231,969
Services							
Residential	250,079	27,150	222,928	28,555	278,633	31,794	246,839
I/C	56,815	4,729	52,086	8,185	65,000	5,813	59,187
Meters							
Large	45,568	25,703	19,865	2,778	48,345	28,430	19,915
Small	59,065	28,646	30,419	3,682	62,748	32,547	30,201
Other	<u>19,996</u>	<u>5,211</u>	<u>14,785</u>	<u>5,628</u>	<u>25,624</u>	<u>7,693</u>	<u>17,931</u>
	<u>1,009,348</u>	<u>174,052</u>	<u>835,296</u>	<u>70,082</u>	<u>1,079,430</u>	<u>198,874</u>	<u>880,556</u>

Projected Operating Costs

	2002-2003
	€k
operations & maintenance	20,030
shrinkage	2,223
meter reading, rates, insurance	13,362
corporate, facilities, finance, it	5,959
Mkt Development Promotions	1,682
Mkt Development New Custs	<u>8,320</u>
Total	<u>51,576</u>