

**Totex**  
**National Grid Electricity Transmission**  
**2015/16**

**2.4 Published Totex**

**Actual/Forecast Expenditure (£m, 2015/16 Prices)**

	Actual 2014	Actual 2015	RIIO-T1 Forecast						Total	Checks
			2016	2017	2018	2019	2020	2021		
TO										
Load Related Capex	682.1	526.0	481.9	386.8	373.3	544.3	632.3	784.0	4,410.7	TRUE
Asset Replacement Capex	264.6	190.8	218.3	376.6	585.6	425.3	466.9	391.1	2,919.1	TRUE
Other Capex	217.9	70.5	154.2	117.2	323.0	428.3	429.1	354.9	2,095.0	TRUE
Non Operational capex	36.6	29.1	37.7	55.7	42.8	18.5	18.8	17.5	256.8	TRUE
<b>Total Capex</b>	<b>1,201.1</b>	<b>816.4</b>	<b>892.1</b>	<b>936.3</b>	<b>1,324.7</b>	<b>1,416.4</b>	<b>1,547.2</b>	<b>1,547.5</b>	<b>9,681.6</b>	TRUE
<b>Opex</b>										
Faults	32.4	27.8	24.3	26.8	27.8	27.1	26.5	25.6	218.3	TRUE
Planned Inspections and Maintenance	49.8	59.3	66.8	57.9	57.2	55.5	59.1	57.5	463.1	TRUE
Other direct costs	(0.5)	21.6	25.2	4.9	21.3	21.6	21.7	22.0	137.9	TRUE
Closely Associated Indirect Costs	87.5	78.2	76.2	76.1	69.8	68.0	67.3	66.1	589.2	TRUE
Business Support	80.9	82.4	84.4	69.3	68.4	67.4	66.5	65.5	584.8	TRUE
Adjustment for IAS 19 pension accrual	(9.6)	(5.2)	(8.5)	0.0	0.0	0.0	0.0	0.0	(23.3)	TRUE
<b>Total Controllable Opex</b>	<b>240.4</b>	<b>264.1</b>	<b>268.6</b>	<b>235.0</b>	<b>244.5</b>	<b>239.6</b>	<b>241.1</b>	<b>236.7</b>	<b>1,970.0</b>	TRUE
<b>TOTEX</b>	<b>1,441.5</b>	<b>1,080.5</b>	<b>1,160.7</b>	<b>1,171.3</b>	<b>1,569.2</b>	<b>1,656.0</b>	<b>1,788.3</b>	<b>1,784.2</b>	<b>11,651.6</b>	TRUE

**IAS 19 Pensions Accrual - Smearing across categories for allowance comparison**

	2014	2015	2016	2017	2018	2019	2020	2021
	(1.2)	(0.5)	(0.7)	0.0	0.0	0.0	0.0	0.0
	(1.9)	(1.1)	(2.0)	0.0	0.0	0.0	0.0	0.0
	0.0	(0.4)	(0.8)	0.0	0.0	0.0	0.0	0.0
	(3.4)	(1.5)	(2.3)	0.0	0.0	0.0	0.0	0.0
	(3.1)	(1.6)	(2.6)	0.0	0.0	0.0	0.0	0.0

**SO Non Operational capex**

	2014	2015	2016	2017	2018	2019	2020	2021	Total	Checks
Direct costs	56.1	54.4	57.6	61.4	59.0	57.2	57.2	57.1	460.0	TRUE
Business Support	43.5	40.3	41.9	40.2	40.9	39.5	39.7	39.6	325.6	TRUE
Adjustment for IAS 19 pension accrual	(3.7)	(2.0)	(3.2)	0.0	0.0	0.0	0.0	0.0	(8.9)	TRUE
<b>Controllable Opex</b>	<b>95.8</b>	<b>92.7</b>	<b>96.3</b>	<b>101.6</b>	<b>99.9</b>	<b>96.7</b>	<b>96.9</b>	<b>96.7</b>	<b>776.7</b>	TRUE
<b>TOTEX</b>	<b>134.5</b>	<b>134.1</b>	<b>136.5</b>	<b>156.4</b>	<b>164.1</b>	<b>140.5</b>	<b>140.2</b>	<b>131.7</b>	<b>1,138.1</b>	TRUE

**IAS 19 Pensions Accrual - Smearing across categories for allowance comparison**

	2014	2015	2016	2017	2018	2019	2020	2021
	(2.1)	(1.1)	(1.8)	0.0	0.0	0.0	0.0	0.0
	(1.6)	(0.8)	(1.3)	0.0	0.0	0.0	0.0	0.0

**Total Allowances (£m, 2015/16 Prices)**

	RIIO-T1 Allowances								Total	Checks
	2014	2015	2016	2017	2018	2019	2020	2021		
TO										
Load Related Capex	1,033.6	792.0	527.4	404.7	266.5	571.7	643.4	714.9	4,954.2	TRUE
Asset Replacement Capex	574.3	566.7	559.0	565.7	727.8	848.5	927.2	832.4	5,601.5	TRUE
Other Capex	19.7	26.9	11.4	36.4	55.5	86.1	124.0	132.7	492.8	TRUE
Non Operational capex	34.3	33.5	24.2	22.5	20.8	12.2	15.8	14.4	177.7	TRUE
<b>Total Capex</b>	<b>1,661.9</b>	<b>1,419.2</b>	<b>1,122.1</b>	<b>1,029.3</b>	<b>1,070.6</b>	<b>1,518.4</b>	<b>1,710.4</b>	<b>1,694.3</b>	<b>11,226.2</b>	TRUE
<b>Opex</b>										
Faults	32.2	34.4	37.1	37.6	38.4	38.5	38.7	38.6	295.6	TRUE
Planned Inspections and Maintenance	50.7	54.2	58.3	59.2	60.3	60.5	60.9	60.8	464.8	TRUE
Other direct costs	19.6	23.4	31.6	38.7	75.8	89.3	62.5	28.1	368.9	TRUE
Closely Associated Indirect Costs	80.3	79.4	77.9	76.9	76.1	75.0	74.7	74.4	614.7	TRUE
Business Support	49.6	48.6	49.8	50.7	50.8	51.9	53.6	54.7	409.7	TRUE
<b>Total Controllable Opex</b>	<b>232.4</b>	<b>240.0</b>	<b>254.7</b>	<b>263.1</b>	<b>301.4</b>	<b>315.2</b>	<b>290.4</b>	<b>256.5</b>	<b>2,153.8</b>	TRUE
<b>TOTEX</b>	<b>1,894.3</b>	<b>1,659.1</b>	<b>1,376.8</b>	<b>1,292.4</b>	<b>1,372.0</b>	<b>1,833.7</b>	<b>2,000.8</b>	<b>1,950.9</b>	<b>13,380.0</b>	TRUE
SO										
<b>Non Operational capex</b>										
Direct costs	49.2	52.3	60.0	64.5	85.2	60.2	58.6	58.7	488.8	TRUE
Business Support	39.8	42.0	43.9	45.7	46.4	47.4	49.4	51.4	365.9	TRUE
<b>Controllable Opex</b>	<b>89.0</b>	<b>94.3</b>	<b>103.9</b>	<b>110.2</b>	<b>131.6</b>	<b>107.6</b>	<b>108.0</b>	<b>110.1</b>	<b>854.7</b>	TRUE
<b>TOTEX</b>	<b>151.3</b>	<b>136.1</b>	<b>141.0</b>	<b>144.2</b>	<b>168.5</b>	<b>133.3</b>	<b>139.9</b>	<b>141.9</b>	<b>1,156.3</b>	TRUE

**Variance Actual/Forecast v Allowances (£m, 2015/16 Prices)**

	Variance to Allowance								
	2014	2015	2016	2017	2018	2019	2020	2021	Total
TO									
Load Related Capex	351.5	266.1	45.5	17.9	(106.8)	27.4	11.1	(69.1)	543.6
Asset Replacement Capex	309.7	375.9	340.7	189.0	142.2	423.2	460.3	441.3	2,682.3
Other Capex	(198.1)	(43.6)	(142.7)	(80.7)	(267.5)	(342.2)	(305.1)	(222.2)	(1,602.2)
Non Operational capex	(2.3)	4.4	(13.5)	(33.2)	(22.0)	(6.3)	(3.1)	(3.1)	(79.1)
<b>Total Capex</b>	<b>460.8</b>	<b>602.8</b>	<b>230.0</b>	<b>93.0</b>	<b>(254.1)</b>	<b>102.1</b>	<b>163.2</b>	<b>146.9</b>	<b>1,544.6</b>
<b>Opex</b>									
Faults	1.1	7.2	13.5	10.8	10.6	11.4	12.2	13.0	79.8
Planned Inspections and Maintenance	2.9	(4.0)	(6.5)	1.3	3.1	5.0	1.8	3.3	6.8
Other direct costs	20.0	2.2	7.1	33.8	54.5	67.7	40.8	6.1	232.3
Closely Associated Indirect Costs	(3.8)	2.7	4.0	0.8	6.3	7.0	7.4	8.3	32.8
Business Support	(28.2)	(32.2)	(32.0)	(18.6)	(17.6)	(15.5)	(12.9)	(10.8)	(167.8)
<b>Total Controllable Opex</b>	<b>(8.0)</b>	<b>(24.1)</b>	<b>(13.9)</b>	<b>28.1</b>	<b>56.9</b>	<b>75.6</b>	<b>49.3</b>	<b>19.8</b>	<b>183.8</b>
<b>TOTEX</b>	<b>452.8</b>	<b>578.6</b>	<b>216.1</b>	<b>121.1</b>	<b>(197.1)</b>	<b>177.7</b>	<b>212.5</b>	<b>166.7</b>	<b>1,728.4</b>
SO									
<b>Non Operational capex</b>									
Direct costs	(4.8)	(1.0)	4.2	3.1	26.2	3.0	1.4	1.6	33.9
Business Support	(2.1)	2.6	3.3	5.5	5.5	7.9	9.7	11.8	44.2
<b>Controllable Opex</b>	<b>(6.9)</b>	<b>1.6</b>	<b>7.5</b>	<b>8.6</b>	<b>31.7</b>	<b>10.9</b>	<b>11.1</b>	<b>13.4</b>	<b>78.0</b>
<b>TOTEX</b>	<b>16.8</b>	<b>2.0</b>	<b>4.5</b>	<b>(12.1)</b>	<b>4.4</b>	<b>(7.1)</b>	<b>(0.3)</b>	<b>10.1</b>	<b>18.2</b>

# Totex

## National Grid Electricity Transmission

### 2015/16

#### 2.5 Published Outputs

1. Energy Not Supplied (ENS)								
	2014	2015	2016	2017	2018	2019	2020	2021
Volume of unsupplied energy	135.9	9.8	4.5	0.0	0.0	0.0	0.0	0.0
Volume of unsupplied energy from excluded incidents (other than exceptional events)*	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
Volume of unsupplied energy in incidents categorised as 'exceptional events'	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Volume of unsupplied energy in incidents due to Incentivised Loss of Supply Events	135.0	8.7	4.5	0.0	0.0	0.0	0.0	0.0
Target (in MWh)	316.0	316.0	316.0	316.0	316.0	316.0	316.0	316.0
Difference (in MWh)	(181.0)	(307.3)	(311.5)	0.0	0.0	0.0	0.0	0.0

\* Events of the type specified to be excluded from the definition of 'Incentivised Loss of Supply Event' under Special Condition 1C

2. SF6								
	2014	2015	2016	2017	2018	2019	2020	2021
Actual (kg)	10,110.000	9,544.000	9,502.009					
Target (kg)	11,933.450	12,035.298	12,097.475					
Difference (kg)	1,823.5	2,491.3	2,595.5	0.0	0.0	0.0	0.0	0.0

3. Stakeholder Satisfaction								
	2014	2015	2016	2017	2018	2019	2020	2021
NGET Customer survey - baseline	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0
NGET Customer survey - score	7.4	7.4	7.5	0.0	0.0	0.0	0.0	0.0
Stakeholder survey - baseline								
Stakeholder survey - score	7.53	7.74	7.53	0.00	0.00	0.00	0.00	0.00
Scottish TO KPI - baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scottish TO KPI - Score	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scottish TO External Assurance of its stakeholder engagement score	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

4 SHE Transmission and SPTL Timely connections								
	2014	2015	2016	2017	2018	2019	2020	2021
Number of offers			0.0					
Number of offers delivered on time			0.0					
Number of offers not delivered on time			0.0					
Number of offers delivered on time but where the offers were then altered			0.0					

