

Totex
National Grid Gas Transmission
2015/16

2.4 Published Totex

		RIIO-T1									
Actual Expenditure (£m, 2015/16 Prices)		2014	2015	2016	2017	2018	2019	2020	2021	Total	Checks
TO	Load Related Capex	3.6	1.5	1.4	1.1	6.9	16.9	3.2	0.0	34.5	TRUE
	Asset Replacement Capex	51.6	57.7	70.3	85.9	82.8	88.6	76.6	71.2	584.6	TRUE
	Other Capex	37.3	34.2	33.0	74.5	136.2	129.0	86.0	74.7	604.9	TRUE
	Non Operational capex	12.7	12.0	13.4	27.9	32.6	6.5	6.6	7.2	118.8	TRUE
	Total Capex	105.1	105.3	118.1	189.3	258.5	241.1	172.4	153.1	1,342.8	TRUE
	Opex										
	Faults	8.6	6.1	3.1	5.8	5.3	5.1	5.0	5.0	44.2	TRUE
	Planned Inspections and Maintenance	24.3	26.4	23.6	29.3	25.2	23.7	23.2	22.8	198.5	TRUE
	Other direct costs	1.1	6.4	4.9	6.2	5.3	5.0	4.9	4.8	38.5	TRUE
	Closely Associated Indirect Costs	21.5	19.2	23.4	23.4	20.2	19.0	18.6	18.3	163.6	TRUE
	Business Support	22.7	24.8	27.9	26.7	26.2	25.7	25.2	24.8	204.0	TRUE
	Total Controllable Opex	78.1	82.9	82.9	91.4	82.1	78.6	77.0	75.7	648.8	TRUE
	UNCERTAIN EXPENDITURE										
	Load Related Capex	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.2	TRUE
	Asset Replacement Capex	0.0	2.3	2.5	44.3	40.2	31.8	32.7	1.9	155.6	TRUE
	Other Capex	36.8	23.9	14.6	9.4	32.1	39.0	38.7	13.3	207.8	TRUE
	Total Uncertain Capex	36.8	26.2	17.0	53.7	72.3	70.8	72.1	16.6	365.6	TRUE
	Controllable Opex	6.2	4.4	6.1	9.6	9.9	10.6	11.5	11.7	70.1	TRUE
TO	TOTEX	226.1	218.8	224.1	344.0	422.9	401.1	333.1	257.1	2,427.2	TRUE
SO	Non Operational capex	21.3	32.8	43.0	39.0	53.5	35.3	36.1	38.2	299.1	TRUE
	Direct costs	20.5	25.5	24.2	26.9	25.7	24.6	24.6	24.6	196.5	TRUE
	Business Support	22.0	22.9	23.0	24.8	23.6	22.7	22.7	22.6	184.3	TRUE
	Controllable Opex	42.5	48.4	47.2	51.7	49.3	47.3	47.3	47.2	380.9	TRUE
SO	TOTEX	63.8	81.2	90.2	90.7	102.8	82.6	83.4	85.4	680.0	TRUE

		RIIO-T1									
Total Allowances (£m, 2015/16 Prices)		2014	2015	2016	2017	2018	2019	2020	2021	Total	
TO	Load Related Capex	30.6	17.3	11.6	72.7	102.1	10.3	0.3	0.0	244.8	
	Asset Replacement Capex	104.4	120.5	129.6	141.7	159.6	136.2	114.8	102.6	1,009.4	
	Other Capex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Non Operational capex	12.4	11.6	8.0	7.4	6.7	5.0	7.7	7.1	65.8	
	Total Capex	147.4	149.4	149.2	221.7	268.3	151.5	122.8	109.6	1,320.0	
	Check	OK	OK	OK	OK	OK	OK	OK	OK	OK	
	Faults	7.8	7.9	8.0	7.9	8.0	8.1	8.1	8.3	64.0	
	Planned Inspections and Maintenance	27.3	27.5	28.4	28.3	28.7	28.9	29.9	29.5	228.5	
	Other direct costs	6.3	6.7	11.1	21.4	26.7	26.7	20.4	16.4	135.7	
	Closely Associated Indirect Costs	18.3	19.0	19.8	19.7	19.9	19.9	19.9	20.1	156.6	
	Business Support	17.9	17.4	17.9	18.1	18.1	18.3	18.7	18.9	145.2	
	Total Controllable Opex	77.5	78.4	85.1	95.4	101.4	101.8	97.1	93.2	729.9	
	UNCERTAIN EXPENDITURE										
	Load Related Capex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Asset Replacement Capex	0.0	2.3	2.5	44.3	40.2	31.8	32.7	1.9	155.6	
	Other Capex	32.3	21.8	12.9	15.2	38.5	39.3	24.7	7.7	192.5	
	Total Uncertain Capex	32.3	24.1	15.4	59.5	78.7	71.1	57.4	9.6	348.1	
	Controllable Opex	4.2	2.4	2.5	5.8	6.0	6.1	6.3	6.5	39.9	
TO	TOTEX	261.4	254.4	252.2	382.5	454.3	330.5	283.5	218.9	2,437.8	
	Check	OK	OK	OK	OK	OK	OK	OK	OK	OK	
SO	Non Operational capex	55.7	32.9	22.4	18.9	17.0	15.4	18.2	15.4	195.9	
	Direct costs	39.6	38.8	47.3	60.6	71.6	54.6	51.1	50.9	414.5	
	Business Support	22.4	24.1	24.3	22.0	22.6	23.0	23.7	24.3	186.3	
	Controllable Opex	62.0	62.9	71.5	82.6	94.2	77.5	74.9	75.2	600.8	
SO	TOTEX	117.7	95.8	93.9	101.5	111.1	93.0	93.1	90.6	796.7	
	Check	OK	OK	OK	OK	OK	OK	OK	Error	OK	

		Variance to Allowance									
Variance Actual/Forecast v Allowances		2014	2015	2016	2017	2018	2019	2020	2021	Total	
TO	Load Related Capex	27.1	15.9	10.2	71.6	95.2	(6.6)	(3.0)	0.0	210.3	
	Asset Replacement Capex	52.8	62.8	59.4	55.8	76.7	47.6	38.2	31.4	424.7	
	Other Capex	(37.3)	(34.2)	(33.0)	(74.5)	(136.2)	(129.0)	(86.0)	(74.7)	(604.9)	
	Non Operational capex	(0.3)	(0.3)	(5.4)	(20.5)	(25.9)	(1.5)	1.1	(0.2)	(53.0)	
	Total Capex	42.3	44.1	31.1	32.5	9.8	(89.5)	(49.7)	(43.4)	(22.8)	
	Faults	(0.9)	1.7	4.9	2.1	2.7	2.9	3.1	3.3	19.8	
	Planned Inspections and Maintenance	3.0	1.1	4.8	(1.0)	3.5	5.2	6.7	6.6	30.0	
	Other direct costs	5.2	0.2	6.2	15.2	21.4	21.7	15.5	11.6	97.2	
	Closely Associated Indirect Costs	(3.2)	(0.1)	(3.7)	(3.7)	(0.3)	0.8	1.3	1.8	(7.0)	
	Business Support	(4.8)	(7.4)	(10.0)	(8.6)	(8.1)	(7.4)	(6.6)	(5.9)	(58.8)	
	Total Controllable Opex	(0.5)	(4.5)	2.2	4.0	19.3	23.2	20.1	17.4	81.1	
	UNCERTAIN EXPENDITURE										
	Load Related Capex	0.0	0.0	0.0	0.0	0.0	0.0	(0.7)	(1.4)	(2.2)	
	Asset Replacement Capex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Other Capex	(4.5)	(2.1)	(1.6)	5.9	6.4	0.3	(14.1)	(5.5)	(15.3)	
	Total Uncertain Capex	(4.5)	(2.1)	(1.6)	5.9	6.4	0.3	(14.8)	(7.0)	(17.4)	
	Controllable Opex	(2.0)	(2.0)	(3.6)	(3.8)	(4.0)	(4.5)	(5.2)	(5.2)	(30.2)	
TO	TOTEX	35.3	35.6	28.0	38.5	31.5	(70.5)	(49.6)	(38.1)	10.7	
SO	Non Operational capex	34.4	0.1	(20.6)	(20.1)	(36.5)	(19.9)	(17.9)	(22.7)	(103.2)	
	Direct costs	19.1	13.3	23.1	33.7	45.9	30.0	26.5	26.3	217.9	
	Business Support	0.4	1.2	1.2	(2.8)	(1.0)	0.3	1.0	1.7	2.0	
	Controllable Opex	19.5	14.5	24.3	30.9	44.9	30.2	27.6	28.0	219.9	
SO	TOTEX	53.9	14.7	3.7	10.8	8.3	10.3	9.7	5.3	116.7	

Totex

National Grid Gas Transmission

2015/16

2.5 Published Outputs

1. Stakeholder Satisfaction

	2014	2015	2016	2017	2018	2019	2020	2021
NGGT Customer survey - baseline	6.90	6.90	6.9					
NGGT Customer survey - score	7.15	7.59	7.6					
Stakeholder survey - baseline			7.4					
Stakeholder survey - score	7.79	7.94	8.0					

2. Incremental Capacity

	2014	2015	2016	2017	2018	2019	2020	2021
Entry								
Signals for incremental capacity (GWh/day)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
capacity supplied (GWh/day)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Permits played (number)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Permits played (£m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exit								
Signals for incremental capacity (GWh/day)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
capacity supplied (GWh/day)	0.0	21.9	0.0	0.0	0.0	0.0	0.0	0.0
Permits played (number)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Permits played (£m)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

3. Gas Constraints

	2016
Constraint management revenues - Entry	1.5
Constraint management revenues - Exit	0.5
Constraint management costs - Entry	0.0
Constraint management costs - Exit	0.0