

Water wholesale

Company	Plan £m	FD threshold £m	Gap £m	Plan v AMP5	Basic cost threshold £m	Policy additions £m	Unmodelled costs delta £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Pre cap FD threshold £m	Cap £m	FD threshold £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	
Anglian	1,773	1,719	54 3%	+6%	1,417	268	15 (33%)	17 (33%) selective meters					1 (6%) Overlap	1,719		1,719	insufficient evidence 8 (19-11) * electrical resilience	immaterial after IA 6 (31-24) unmodelled adjustment					
Dŵr Cymru	1,240	1,236	4 0%	-8%	1,091	127	18 (33%)							1,236		1,236	None	None	None	None	None	None	
Northumbrian	1,362	1,353	9 1%	-2%	1,198	154	-6 (33%)	7 (33%) SDB						1,353		1,353	None	None	None	None	None	None	
Severn Trent	2,930	2,843	87 3%	+17%	2,251	300	0 (33%)	242 (100%-IA) Bham resilience	50 (100%-IA) Bham Comm risk					2,843		2,843	insufficient evidence 53 (58-5 IA) * other resilience	insufficient evidence 0 (41-41 IA) NI Maintenance	covered by IA 0 (22-22 IA) Bham resili'nce maint	covered by IA 0 (20-20 IA) catchment mgt			
South West	684	741	-57 -8%	+7%	591	132	0 (33%)	18 (100%-IA) N Plymouth wtw						741		741	insufficient evidence 14 (24-10) * water deterioration	insufficient evidence 14 * upstream innovation	insufficient evidence 4 carbon (CRC)				
Southern	816	769	47 6%	-6%	696	75	0 (33%)	6 (33%) fWRMP	-7 (33%) meter modelling					769		769	insufficient evidence 25 model WM3 removal	insufficient evidence 10 planned interruptions	insufficient evidence 10 Woolman's Wood	insufficient evidence 9 mains length	insufficient evidence 6 population	insufficient evidence 5 energy	
Thames	3,249	3,411	-162 -5%	+10%	3,483	316	-26 (33%)	-19 (33%) fWRMP						3,754	-343	3,411	insufficient evidence 181 cap calculation						
United Utilities	2,404	2,395	9 0%	-3%	1,949	338	0 (33%)	102 (100%-IA) Thirlmere	5 (33%) fWRMP					2,395		2,395	insufficient evidence 200 (max) geographical factors						
Wessex	707	682	25 4%	+11%	463	95	9 (33%)	108 (100%-IA) Grid	7 (33%) SDB					682		682	insufficient evidence 15 explanatory v'bles	insufficient evidence 11 real time monitoring (base)					
Yorkshire	1,487	1,560	-74 -5%	+4%	1,370	238	-12 (33%)	-35 (33%) fWRMP						1,560		1,560	None	None	None	None	None	None	
Affinity	1,034	1,091	-57 -5%	+1%	1,015	86	-10 (33%)						1 (6%) Overlap	1,091		1,091	immaterial 1 karstic water	immaterial after IA 0 (53-53) universal metering	immaterial after IA 0 (25-25) lead pipes	immaterial after IA 0 (24-24) wtw x 2	immaterial after IA 0 (18-18) reservoir x 2		
Bristol	541	409	132 32%	+8%	315	30	9 (33%)	33 (33%) enh adjustm't	21 (100%) base costs	6 (100%-IA) Canal Trust	-5 (33%) fWRMP			409		409	insufficient evidence 82 (max) various modelling	insufficient evidence 63 (75-13 IA) capital maintenance	insufficient evidence 43 Cheddar 2 reservoir	insufficient evidence 19 (29-10 IA) * water deterioration	insufficient evidence 11 (13-2 IA) water treatment	insufficient evidence 7 (8-1 IA) Purton & Littleton	
Bristol (cont'd)																	insufficient evidence 5 (6-1 IA) Bedminster res	insufficient evidence 5 (13-8 IA) growth	insufficient evidence 3 (4-1 IA) traffic congestion	insufficient evidence 3 customer mins lost			
Dee Valley	103	99	4 4%	+25%	73	7	-1 (33%)	12 (33%) Legacy wtw	6 (100%-IA) serv reservoirs	1 (100%) scale effects	1 (100%-IA) reservoir safety	0 (100%-IA) TMA permits	0 (33%) SDB	99		99	insufficient evidence 2 (3-1 IA) mains renewal	insufficient evidence 1 treatment complexity	insufficient evidence 1 sludge handling	insufficient evidence 1 Wrexham ps			
Portsmouth	137	142	-5 -3%	+7%	128	13	-1 (33%)	2 (33%) SDB						142		142	None	None	None	None	None	None	
Sembcorp Bournemouth	134	133	2 1%	+0%	111	18	-2 (33%)	3 (33%) Fawley	2 (100%) mains renewal	1 (33%) meter variable	1 (33%) SDB			133		133	insufficient evidence 1 NEP	insufficient evidence 1 leakage					
South East	810	785	25 3%	+7%	699	83	-8 (33%)	11 (67%) SDB					0 (6%) Overlap	785		785	insufficient evidence 16 (53-36 IA) zonal strategy	insufficient evidence 0 (9-9 IA) complex treatment	insufficient evidence immaterial after IA	insufficient evidence immaterial after IA			
South Staffordshire	411	399	12 3%	+8%	357	41	-3 (33%)	4 (67%) SDB						399		399	insufficient evidence 9 * unmodelled costs	insufficient evidence 2 (15-13 IA) maintenance	insufficient evidence 2 (11-10 IA) power costs	insufficient evidence n/a materiality & IAs			
Sutton & East Surrey	234	227	7 3%	+7%	185	19	-2 (33%)	23 (100%) water softening	2 (33% - IA) pumping head					227		227	insufficient evidence 0 (2-2 IA) streetworks costs						
Industry	20,057	19,996	62 0%	+5%	17,393	2,340	-21	533	85	8	-4	0	3	20,338	-343	19,996							

Policy additions comprise rates, pension deficit, 3rd party costs and open market costs  
 \* denotes included within the unmodelled costs category

Wastewater wholesale

Company	Plan £m	FD threshold £m	Gap £m	Plan v AMP5	Basic cost threshold £m	Policy additions £m	Unmodelled costs delta £m	Pvte sewage PS £m	NEP5 £m	Pvte sewer model delta £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	Deep dive added £m	FD threshold £m	Cap £m	FD threshold £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	Deep Dives not added £m	
Anglian	2,518	2,559	-41 -2%	+17%	2,196	179	-19 (100%)	67 (100%)	107 (100%)	6 (100%)	23 (100%-IA) growth					2,559		2,559	40 treatment growth	19 * unmodelled costs			
Dŵr Cymru	1,329	1,370	-41 -3%	+9%	1,211	59	13 (100%)	23 (100%)	65 (100%)	0 (100%)						1,370		1,370	14 (37-23) private sewer ps	8 (14-6 IA) * NEP conservation	7 (25-18 IA) * Llanelli/Gowerton		
Northumbrian	1,011	1,026	-16 -2%	+5%	948	75	-17 (100%)	10 (100%)	9 (100%)	-6 (100%)	6 (100%) Whitburn					1,026		1,026	None	None	None	None	
Severn Trent	2,658	2,791	-133 -5%	+7%	2,634	164	-17 (100%)	36 (100%)	183 (100%)	-7 (100%)						2,992	-201	2,791	None	None	None	None	
South West	898	895	3 0%	+12%	790	51	-10 (100%)	19 (100%)	49 (100%)	3 (100%)	-8 (100%) AMP5 adj					895		895	7 carbon (CRC)	0 (9-9IA) downstream innovation			
Southern	1,929	1,890	39 2%	+0%	1,522	106	0 (100%)	20 (100%)	129 (100%-IA)	-4 (100%)	38 (100%) Thanet sewers	36 (100%-IA) Woolston stw	15 (100%) Millbrook sludge	15 (100%-IA) bathing waters	13 (100%) Peacehaven	1,890		1,890	None	None	None	None	
Thames incl TT	4,161	4,232	-71 -2%	-23%	3,059	239	-63 (100%)	94 (100%)	130 (100%)	-2 (100%)	408 (100%) Tideway	200 (100%-IA) Deephams	75 (100%) Lee Tunnel	91 (100%-IA) Counters Creek	1 (100%) Overlap	4,232		4,232	8 competition				
Thames excl TT	3,757	3,824	-67 -2%	-17%	3,059	239	-63 (100%)	94 (100%)	130 (100%)	-2 (100%)		200 (100%-IA) Deephams	75 (100%) Lee Tunnel	91 (100%-IA) Counters Creek	1 (100%) Overlap	3,824		3,824	8 competition				
United Utilities	3,112	2,933	179 6%	-13%	2,275	167	0 (100%)	56 (100%)	158 (100%)	1 (100%)	91 (100%) int'l discharges	48 (100%-IA) Davyhulme enh	25 (100%-IA) biodiversity	61 (100%-IA) Oldham/Royton	28 (100%) shellfish	2,933		2,933	168 base costs	19 (46-27 IA) * P removal at ASPs	9 (26-17 IA) chem & P trials		
United Utilities (cont'd)													20 base costs	2 Overlap									
Wessex	1,131	1,099	32 3%	+30%	890	66	3 (100%)	30 (100%)	64 (100%)	7 (100%)	18 (100%-IA) N Bristol sewer	12 (100%-IA) sewer flooding	6 (100%-IA) carbon f'print	2 (100%) N removal model	1,099		1,099	32 (56-24 IA) stw growth	21 explanatory variables	12 (14-2 IA) real time monitoring (base)			
Yorkshire	1,976	1,971	5 0%	+9%	1,643	127	0 (100%)	21 (100%)	180 (100%)	1 (100%)					1,971		1,971	18 Withemsea wwtw					
Industry	20,723	20,767	-43 0%	-2%	17,167	1,234	-110	375	1,074	-1	578	296	122	189	44	20,968	-201	20,767					
Industry excl TT	20,319	20,358	-39 0%	0%	17,167	1,234	-110	375	1,074	-1	170	296	122	189	44	20,559	-201	20,358					

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TMS inc TT includes Tideway Tunnel costs but does not include Infrastructure Provider costs: TMS excl TT excludes Infrastructure Provider and Tideway Tunnel costs - however Lee Tunnel and any other Tideway linked costs are included  
 The cost threshold amount for TMS' Tideway Tunnel (£408m) is greater than that included in TMS' plan (£404m). This is because TMS' plan assumes a cost less than the central estimate together with a broadly scoped uncertainty mechanism. We have rejected the company's proposed uncertainty mechanism but included within our estimate of the efficient level of costs an uplift to reflect a central view.