

WASTE WATER TREATMENT PARTIAL REFERENCE LIST

CLIENT	USER	OUTPUT (m³/h)	PLANT	YEAR
Scottish Courage	Reading Brewery	140	Redesign of De-alk's	2004
Scottish Power	Longannet P.S.	200	Effluent sump Regen & Ion Exchange Vessels bund	2004
Ametis	Coca Cola (Mauritius)	20	Reverse Osmosis	2004
Ametis	Angola	6	Reverse Osmosis	2004
Scottish Courage	Reading Brewery	410	De-alk modifications	2004
Ametis	Beverage Plant	48	Mixed Bed modifications	2004
Scottish Courage	Reading Brewery	220	Temporary dosing systems	2004
Scottish Courage	Reading Brewery	110	Demin modifications	2004
Ametis	Beverage Plant	48	Replacement vessel	2004
Dartington Property	University Supply	150	Redesign of Filters	2004
Scottish Courage	Reading Brewery	400	Automatic chemical dosing	2005
Shell	Stanlow Refinery	500	Replacement degasser towers	2005
Dalkia	Scottish & Newcastle	140	Mobile reverse osmosis	2005
Dalkia	Scottish & Newcastle	140	2 nd Mobile reverse osmosis	2005
Shell	Stanlow Refinery	80	Chemical Pre-treatment Filters & Two Pass Reverse Osmosis	2005
Corus	Lackenby	600	Cooling Water Circuit MMF Filtration Refurbishment	2006
Dalkia	Scottish & Newcastle		Cooling Water Circuit C&I Modifications	2006
Tate & Lyle	Greenwich	5	High Purity NOx suppression Demin	2006

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Dalkia	Scottish & Newcastle	280	Extension of Mobile reverse osmosis contract for further 18 months	2006 - 2011
British Energy	Hartlepool Power	3200	Major CPP Refurbishment Mechanical/Electrical/C&I	2006 - 2012
Shell Oil	Pearl GTL Qatar Refinery	25	Containerised Pre-treatment Filters Reverse Osmosis – Mixed Bed Polishers	2007
Total Oil	Gonfreville Refinery France	180	Condensate Filters	2007
Corus	Lackenby	80	CCR Packed Bed Ion Exchange Demin	2008
Scottish & Southern Energy	Weston Point CHP	141	Process Condensate Return Mixed Bed Demin Refurbishment	2008
Corus	Port Talbot	280	Condensate Return Mixed Bed Demin Refurbishment	2008
British Energy	Hartlepool Power	3200	Design study to optimise externally regenerated CPP Mixed Bed plant (operation and regeneration process)	2008 - current
Siemens	Severn Power	16	Design build install & commission Pre-Treatment RO & Mixed Bed Make up Plant	2008
Siemens	Severn Power	880	Design build install & commission Full-Flow Condensate Polishing (external regeneration)	2008 - current
Coors	Burton Brewery	200	Design build install & commission Reverse Osmosis plant	2009
RWE	Fawley	340	Cation & Anion Vessel repairs, valve and frontal manifold replacement	2009
RWE	Bridgewater Paper CHP	80	Cation Vessel refurbishment	2009
Scottish & Southern Energy	Keadby	40	Re-design of Cation Vessel Internals	2009

CLIENT	USER	OUTPUT (m ³ /h)	PLANT	YEAR
British Energy	Hinkley Point	2800	Design & Build of Caustic Pumped Regeneration System	2009
RWE	Aberthawe	1800	Design and Install internals for Cation & Anion Regenerator Vessels and Mixed Bed Operator	2009
British Energy	Heysham 1	3200	Various refurbishments to MUWTP and CPP	2009
Corus	Port Talbot	150	MUWTP Refurbishment and Optimisation (Cation, Anion, Mixed Bed)	2009 -current
British Energy	Hinkley Point	2800	Design & Build of Acid Pumped Regeneration System	2010
Scottish & Southern Energy	Keadby	40	Supply and Installation of redesigned Cation Vessel Internals	2010
Aker Solutions	Tullis Russell	75	Design, Build Install & Commission MUWTP and CPP for RWE CHP Plant	2010 - current
Scottish & Southern Energy	Fife Power Station	35	Conceptual Design of MUWTP	2010
Scottish & Southern Energy	Slough Heat & Power	70	Supply and install of Caustic Bulk and Measure Tanks	2010
RWE	Fawley	340	Cation & Mixed Bed Vessel repairs, valve and frontal manifold replacement	2010
British Energy	Hartlepool	3200	Design Pumped Regeneration System for MUWTP and CPP	2010 - 2013
Scottish & Southern Energy	Slough Heat & Power	120	Supply and Installation of Bulk Caustic Tank	2010
EDF	West Burton	200	Supply and Installation of RO Membranes	2010
Siemens	Severn Power		Ammoniated Effluent Handling System	2011
E.On	Connah's Quay	90	Demin Water Treatment Plant Refurbishment	2011-2012
Shell	Qatar	25	Modification of Containerised Lagoon Water Treatment Plant	2011
Sahaviriya Steel Industries	Teesside	2700	Varivoid Filter Refurbishment	2011

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Coors	Burton Brewery	200	Service Contract for RO Plants	2011
Essar Oil	Stanlow Refinery	80	Replacement RO Membranes	2011
Tullis Russell	Glenrothes	120	Demin Plant Service Contract	2011
EDF	Heysham 1		Control Modifications	2011
Scottish & Southern Energy	Keadby	40	Sodium Hypochlorite Dosing System	2012
E.On	Connah's Quay	90	WTP Service Contract	2011
KBR	Shah Deniz	100	Containerised Potable Water Treatment Plant	2012
Centrica	Kings Lynn PS	120	Mothballing of Demin Water Treatment Plant	2012
Polimeri Europa	Southampton	90	Demin Water Treatment Plant Service Contract	2012
EDF	Heysham 1	120	WTP PLC Replacement	2012
Tata Steel	Port Talbot	400	CPP Resin replacement and Refurbishment Works	2012
Tullis Russell	Glenrothes	120	Demin Plant Resin Replacement and Refurbishment	2012
Nuwater	Ghana	250	Containerised RO Plant	2012
EDF	Hartlepool PS	3200	New Control Panel/HMI?SOV boxes and Commissioning of Refurbished CPP	2012
EDF	West Burton	200	Service & CIP & Membrane replacement of River Water RO	2013
Magnox	Oldbury PS		Pond Water Demin Pumped Regen system	2013
Essar Oils	Stanlow	100	New Valveless Gravity Filter on CT sidestream	2013
Dura Felguera	Carrington CCGT	20	Domestic Wastewater Treatment Plant	2013
EDF	Heysham A	70	Control Panel overhaul	2013
SSI Steel	Redcar	500	Refurbishment of Quench Water Cooling Water Filtration System	2013
RWE	Pembroke	800	Engineering Plant Survey for new CPP	2014

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EDF	Heysham A & B	70	Temporary Sodium Bisulphite Dosing for Chlorine Reduction of MUWTP potable supply	2014
EDF	Hunterston		Sodium Hypochlorite Chlorination of Seawater CW intake system	2014
Cabot Carbon	Glasgow	140	New Effluent Treatment plant. Continuous pH moderation and discharge	2014
EDF	Hartlepool PS		New Sodium Hypochlorite Dosing (4 streams) for Seawater Cooling intake system	2014
Molson Coors	Burton	200	Overhaul and Servicing of RO System	2014
EDF	Hartlepool	120	Bulk Chemical tank cleans for MUWTP	2014
Penguin Foods	Kings Lynn		Food factory effluent waste washwater treatment and Recovery System Design study	2014
Humber Power	Immingham	400	Refurbishment of IX MUWTP Plant	2014
E.on	Ratcliffe PS	120	IX Resin supply	2015
Total Petrochemicals	Gonfreville France	100	Filter Media replacement and system operation review	2015
Scottish Power	Longannet	120	IX resin review and replacement	2015
Toyota Cars	Derby	70	New IX Demin system and Effluent treatment	2015
EDF	Heysham B	50	Sodium Bisulphite Dosing for Dechlorination of Potable water supply to MUWTP	2015
RWE	Littlebrook PS		Decommissioning activity	2015
Tata Steel	Port Talbot	140	Media Filtration Plant replacement and refurbishment	2015
RWE	Hythe CHP PS	20	New RO system	2015
CCS	India	2	Design only of Specialist IX removal for Effluent treatment	2016
Tata Steel	Port Talbot	360	CPP MB Refurbishment	2016

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Chinook Sciences	Oldbury	20	Sidestream CPP of EFW power Generation plant & MUWTP upgrade	2016
BOC	Seal Sands	30	Regenerable IX Demin Polishing of influent RO permeate stream	2016
Lynemouth PS	Ashington	30/120	New MUWTP IX Demin plant and refurbishment of CPP	2016
EDF Energy	Heysham		Membrane Degasser Design	2016
Uniper (E.on)	Kemsley Mill CHP	120	MUWTP Plant study	2016
SSE	Slough CHP	30	RO system and membrane review/replacement	2016
RWE	Staythorpe		CPP Chemical dosing system Mods & Chemical supply	2016
Marchwood PS	Marchwood		CPP Chemical dosing system Mods & Chemical supply	2016
Horizon	WILFA		Raw water review and plant options to treat said raw water in readiness to new nuclear build	2017
ESB	Coolkeeragh		Cetamine G851 & Equipment for aux boiler	2017
Marchwood PS	Marchwood		Trial Kurita G820 for aux boiler	2017
DOW Corning	Barry	120	Phase 1 Complex Tie Ins to new plant	2017
BOC Gasses	BOC	30	2 Year service contract	2017
BOC Gasses	BOC	30	Demin Plant	2017
Centrica PS	Kings Lynn	150	Major Demin Plant Refurb and upgrade	2017
Dow Chemicals	Barry	400	Feasibility Study new demin polishers	2017

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ESB	Coolkeeragh PS		Cetamine G851 Trial HRSG	2017
GE Water	Peterborough		Feed Study for new plant	2017
Anglian Water	Hartlepool	400	RO Membrane ECO PRO400 X 100	2017
Lynemouth PS	Lynemouth	120	Refurbishment and upgrade	2017

References highlighted in yellow denotes Nuclear Site experiences