

Cooling Tower Depot, Inc.
Partial Resume of Repair Projects**

Company Name / User	Description of work performed	Original Manufacturer	Type of Tower	Location
3M Brownwood	1 cell, Replacement of fill, drift eliminators, distribution system and casing	Lillie-Hoffmann	Counterflow	Texas, USA
3M Brownwood	2 cell , Replacement of distribution system, casing, louvers, drift eliminators and fill	Lillie-Hoffmann	Counterflow	Texas, USA
ABB Lummus Global/NROC Cooling Tower	Provide Modeling study for plume dispersion and Structural Calculations for addition of 18' tall fanstacks	PSI	Counterflow	Texas, USA
ADM	Ecodyne tower- Install stiffening rings, check pitch & tracking, drain & refill gear boxes, check tightness of plenum hardware. PSI tower- Install stiffening rings & check pitch & track.	Ecodyne and PSI	Counterflow	Illinois, USA
ADM	14' Fan cylinder screen	Marley	Crossflow	Missouri, USA
ADM West Plant	Replace 4 cells of fill with Stur-D-Span fill, replace DE's in four cells with new supports	Marley	Crossflow	Illinois, USA
ADM Corn Sweeteners Decatur	10 cell, replacement of drift eliminators	Marley	Singleflow Crossflow	Illinois, USA
ADM Fructose Decatur	Install three escape ladders	Marley	Crossflow	Illinois, USA
AEP SWEPCO/Welsh Power Plant	Replace 4' of film fill with new VF 19 Plus film fill in 3-cells	Research-Cottrell	Counterflow	Texas, USA
AEP/PSO - Northeastern Station	Replace hot water basin in 12 cells one side of the tower only. Include new joists and 2x4 long girt under the pipe and at louvers.	Marley	Crossflow	Oklahoma, USA
AG Processing	Relocation and re-installation of 3 cell tower from Jasper, Tennessee	BAC	Crossflow	Nebraska, USA
AGA Gas	Furnish new 2x4 fill supports in one cell both sides of tower. Fill to be bottom supported. PSI to install fill in one cell of a three cell tower. Fill supplied by AGA, Labor by PSI	Marley Sigma	Crossflow	Ohio, USA
AGA Gas	Provide \$10,500 of XF-1900 with integral louvers (or 1 cells worth, whichever id best profit potential)	Marley	Crossflow	Ohio, USA
Air Liquide	Paid inspection per T&M Rate Sheet	PSI	Counterflow	Wisconsin, USA

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Air Liquide -Bayport Facility	Replace Hot Water Basin Floor, Longitudinal Joists, Basin Curbs, Distribution Boxes and Both Columns adjacent to pipe down to splice below floor. All work OT 10-12hrs/day	Ecodyne	Crossflow	Texas, USA
Air Products	Replace top half of two (2) cell tower with fiberglass	TPI Counterflow Model 2C 656	Counterflow	Maryland, USA
Air Products and Chemical	3 cell tower, Replace fan deck, hot water deck, distribution valves and stair	Marley	Crossflow	Florida, USA
Air Products and Chemicals	Replace 100% of louver rods	Marley	Crossflow	Florida, USA
Air Products and Chemicals	Replace hot water deck, cold water deck and fan deck. Second tower- Replace hot water deck, plenum columns, short wall, distributions boxes and casing.	Marley	Crossflow	Florida, USA
Air Products and Chemicals	R & R top 8 feet of tower with FRP components, R&R fill with 1900, R & R Casing with 8 oz fire retardant, Install louvers on ends of tower	Tower Performance	Crossflow	Louisiana, USA
Air Products Santa Clara	3 cell fill replacement	Tower Performance	Counterflow	California, USA
Akzo Nobel	Two bays of fill - two fans, partition wall, air seals	Marley	Chemical	Texas, USA
Amalgamated Sugar	Furnished 2 cells of drift eliminators and 132 pcs. of sealers. Labor- customer	Ecodyne	Counterflow	Idaho, USA
Ameran - CIPS	Tighten and replace missing fanstack hardware, drill weep holes in bottom of stack ribs for water drainage, remove all spider cables from fanstacks	Marley	Crossflow	Illinois, USA
American Cast Iron & Pipe	Remove existing top layer of fill and replace with 15 Mil CF1900. Install interlocking grating on top of fill. Clean all nozzles.	Ceramic	Counterflow	Alabama, USA
American Electric Power/Rockport Plant	Replace 1200 linear feet of flume joint materials Labor Only	ND	ND	Indiana, USA
Ames City of Iowa	Reinforce existing stairway	Marley	Crossflow	Iowa, USA
Ames Municipal Electric	Replacement of drift eliminators, fill, and hot water basin	Marley	Crossflow	Iowa, USA

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Amoco Chemical	Structure replacement, partition walls, hot water basin and drift eliminators	Marley	Crossflow	Illinois, USA
Amoco Oil Mandan Refinery	6 cell, back to back, thermal upgrade from 25,000 to 40,000 GPM, replacement of fill, distribution system, louvers, casing & drift eliminators.	Fluor	Counterflow	North Dakota, USA
Amoco Oil Mandan Refinery	2 cell, wood structure - performance upgrade and complete conversion from Crossflow to Counterflow	Marley	Crossflow	North Dakota, USA
Anheuser Busch, Inc.	Replace DE's, fill, branch arms, and nozzles	Lillie-Hoffmann	Counterflow	Missouri, USA
Arcadian Fertilizer	2 cell, Replacement of fan deck	Ecodyne	Counterflow	Tennessee, USA
Aristech Chemical/Haverhill Plant	Inspection of 2-cell PSI tower	PSI	Counterflow	Ohio, USA
ATCO Electric H.R. Milner Station	Change out wood lath fill to V-Bar fill in 4 cells total during 2-week outage	Ecodyne	Crossflow	Alberta, Canada
Atofina	Replace Distribution Basin Floor, Basin Curbs, Sealers and Nozzles. Move Distribution Boxes to center of tower to keep water from splashing over curbs. Misc. DE seals	Marley	Crossflow	Louisiana, USA
Atofina	Inspect two towers with report, remove fandeck overlay and install non-skid coating, replace one cross over pipe	Marley	Crossflow & Counterflow	Louisiana, USA
Austa Electric	9 cell, Thermal upgrade, replacement of structure, fill, drift eliminators, hot water basin, fan deck & fan stacks.	Marley	Crossflow	Queensland, Australia
Austeel	2 cell, Replace fill and DE's	BAC	Crossflow	Illinois, USA
Austeel New Abe. & CECO	Replace DE's and fiberglass supports	BAC	Crossflow	Illinois, USA
BASF/Hannibal Plant	Replace fill and repair structure on tower	Ecodyne	Crossflow	Iowa, USA
Bayer BPA	Cut 8 port holes and install hinges and cut handhold to lift each hinged inspection port. 4x4 door backstop. Install two 2x4x8 vertical endwall stiffeners one on each endwall in center area plenum. Extend existing endwall FRP casing both endwalls by appx 24' include 2x4 frame support 4.2 corr. FRP casing and 300 ss	PSI	Crossflow	Texas, USA

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Bayer Inc.	Three cell fill replacement	BAC-Pritchard	Crossflow	Ontario, Canada
Bayer Inc.	Clipping of fill that has fallen out of fill wire hangers	BAC-Pritchard	Crossflow	Ontario, Canada
BF Goodrich	2 cell, Replace bottom columns and perimeter posts	Fluor	Counterflow	Illinois, USA
Birmingham Steel	Remove film fill, Install optigridd splash fill, install new sch 80 lateral lines.	PSI	Counterflow	Tennessee, USA
Birmingham Steel	Repair laterals and install new fill in a one cell tower	PSI	Counterflow	Tennessee, USA
Boise Cascade	Clean basin, spray treat, and work on FRP walkway on 3 towers. R&R DE's on one.	PSI	Counterflow	Alabama, USA
Boise Cascade Corporation.	2 cell, Retrofit & upgrade mechanicals, replacement of fan stacks	TDT	Counterflow	Maine, USA
Boone & Boone	Replace 2 x 4 tie under pipe, replace 2 x 4 below fill on same column, and replace two spectra panels and ties.	Marley	Crossflow	Oklahoma, USA
Borden Chemical	2 cell, thermal upgrade & repairs, replacement of fill and drift eliminators	Ecodyne	Counterflow	Oregon, USA
Borden Chemical & Plastics	Remove & replace fan deck, hot water basin, & framing	Marley	Crossflow	Louisiana, USA
Borden Chemical Kent	1 cell, replacement of structure, fill, casing, fan deck, fans, mechanical equipment	Lillie-Hoffmann	Counterflow	Washington, USA
Borden Chemical Kent	1 cell, Repair mechanical support structure	Fluor	Counterflow	Washington, USA
Borden Chemical Kentucky	Replace damaged fill and nozzles	PSI	Counterflow	Kentucky, USA
Borden Chemical, Inc.	Remove and replace 4500 Ft of film fill and remove and replace 100 nozzles	PSI	Counterflow	Kentucky, USA

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Bowater Incorporated	3 cell, Supply material to repair distribution system, supervision by PSI customer labor.	Lillie-Hoffmann	Counterflow	South Carolina, USA
Calgary Regional Health Authority/Alberta Children's Hospital	Replace 13 transite louvers, Replace two transite endwalls, Replace existing fill with new PVC film fill in one cell	Marley	Crossflow	Alberta, Canada
CalPine Corporation	Replace full width fan deck and repair louver face and fill ice damage and other minor repairs	Marley	Crossflow	Oklahoma, USA
Carolina Power & Light Company / Harris Nuclear Plant	Replace orifice inserts, remove & discard 64 end caps, create new nozzle locations, replace nozzles in the branched lateral distribution pipes, pipes extended to accommodate new nozzle locations, stainless steel flume flow diverters are installed	Research Cottrell	Natural Draft	North Carolina, USA
Celanese Chemical	Repair louvers, fans, fanstacks, casing, stairway, and handrails caused by tornado. There will be additional Time and Materials charges as tower is inspected	Marley	Crossflow	Texas, USA
Celanese Chemical	Replace plywood fan deck and 1900+ film fill on 4-cell Ecodyne tower	Ecodyne	Counterflow	Texas, USA
Central & South West Services, Inc.	Remove two (2') of CF-1900 film fill in three cells of cooling tower, install (4') of vf-19+ film fill in three cells of cooling tower.	Research Cottrell	Counterflow	Texas, USA
Central and South West Services, Inc. / LaPalma Unit 6	Splash fill & fill hanger replacement; fan blade replacement; overhaul & align gears	Marley	Crossflow	Texas, USA
Central Illinois Public Service	4 cell, - Replacement of hot water header and deck	Marley	Crossflow	Illinois, USA
Certain Teed Corporation	Retrofit one Philadelphia gear to one Amarillo gear	N/A	Counterflow	Louisiana, USA
Chaparral Steel	FRP 4.2 panels and C4 x 1-3/8 x 3/16 FRP & hardware for retrofit windwalls.	PSI	Counterflow	Virginia, USA
Chaparral Steel	Repair broken header on a PSI Tower	PSI	Counterflow	Virginia, USA
Chevron Chemical	Replacement of distribution boxes, flow control valves & drift eliminators	Marley	Crossflow	Texas, USA
City of Ames	Replace one fan APT28H8 with new, replace some plenum structure, fandeck panels around fanstack, field repair and patch one fanstack	Marley	Crossflow	Iowa, USA

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City of Ames	Dynamic Fan Balancing of 3 cell Marley	Marley	Crossflow	Iowa, USA
City of Ames	2 cell, Replacement of pipe supports & fan stack hardware	Marley	Crossflow	Iowa, USA
City of Ames/South Tower	Install 1/2" plywood air seals below the drift eliminators, both sides of the cell in three cells total. Seals to extend 6" into water	Marley	Crossflow	Iowa, USA
City of Columbia	Repairs to Four Towers	Marley	Crossflow & Counterflow	Missouri, USA
City of Grand Island	5 cell, Repair riser bypass pipe	Marley	Crossflow	Nebraska, USA
City of Painesville, Ohio Division of Electric	4 cell, replacement of structure, drift eliminators and fill	Marley	Crossflow	Ohio, USA
City of Pasadena, California	4 cell, Performance upgrade, Replacement of fill, drift eliminators, distribution system. Complete mechanical turnkey including electrical, piping, asbestos remediation, hazardous disposal.	Foster Wheeler	Counterflow	California, USA
City of Tallahassee	Replace cracked riser, 100% of header and all laterals	PSI	Counterflow	Florida, USA
City Utilities of Springfield	Replace 11 top posts below the hot water basin floor and under the header pipe with new treated Douglas fir and new splice blocks. Remove and re-install fill as required.	Ecodyne	Crossflow	Missouri, USA
Clark Oil Blue Island	Install distribution system; replace and repair miscellaneous structure, oil lines and louvers	Fluor	Counterflow	Illinois, USA
Clark Oil Blue Island	3 cells, Replace Louvers	Marley	Crossflow	Illinois, USA
Clark Oil Blue Island	4 cell, repair endwall, replace louvers and casing	Fluor	Counterflow	Illinois, USA
Clark Oil Blue Island (Alky Unit)	Replace damaged posts and louvers	Fluor	Counterflow	Illinois, USA
Clark Oil Refining Co	Replace 50% of fan deck on crude unit tower and repair partition and some structure on alky tower	Fluor	Counterflow	Illinois, USA

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Cleveland Electric Illuminating Company Perry Nuclear Power Plant	Upgrade distribution system. Add additional nozzles, install flume diverters.	Research Cottrell	Counterflow	Ohio, USA
Cleveland State University / Rhodes Tower (Nov 00)	Provide materials and supervision to replace fill & supports, drifts & supports, fans, motors, gears, ME supports, louvers, & fan stacks.	Marley	Counterflow	Ohio, USA
CMS Generation	Siding and fan deck on 3-cell counterflow	Hamon	Counterflow	North Carolina, USA
Coffeyville Municipal Light and Power	3 cell, Replace plenum hardware and splice blocks	Marley	Crossflow	Kansas, USA
Cogentrix Energy	Fill change out in 2 cells	GEA 5 cell concrete	Counterflow	Virginia, USA
Cogentrix Energy, Inc.	Fill change out and some supports in 3 cells & D.E. replacement -36'x36' square under the fans in 5 cells (6,480 square feet total)	GEA 5 cell concrete	Counterflow	Virginia, USA
Colorado Energy Management	Install louvers and water diverters to eliminate water blow through	TDT/Ecodyne	Counterflow	Colorado, USA
Commonwealth Aluminum	2 cell, replacement of hot water deck, fill, drift eliminators and louvers	Marley	Crossflow	Ohio, USA
Commonwealth Aluminum	Install fiberglass hot water deck; replace and repair miscellaneous structure	Marley	Crossflow	Ohio, USA
Condea Vista Company Aberdeen PVC Plant	Supply one 12" diameter Flow Control Valve	Marley	Crossflow	Missouri, USA
Conectiv Indian River Power Plant	Supply 2 fan assemblies	Marley	Counterflow	Delaware, USA
Conectiv Indian River Power Plant	Supply four blades	Marley	Counterflow	Delaware, USA
Conectiv Indian River Power Plant	Fan Hub and 8 Blades	Marley	Counterflow	Delaware, USA
Conectiv Power Delivery	Install temporary support under gear boxes in 2 cells	Ecodyne	Crossflow	Maryland, USA

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Conoco	Replace end walls, partial fan deck, distribution boxes, drift eliminators, fans, fill and hanger.	Lillie-Hoffmann	Crossflow	Montana, USA
Constellation Power/Brandon Shores Plant	Partition wall, distribution pipe and inspect nozzles	Zurn	Counterflow	Maryland, USA
Constellation Power/Source Generation	Labor to replace two laterals and 300 nozzles	Zurn	Counterflow Round	Maryland, USA
Coors Brewing Co.	6 cell, Install FRP mechanical access walkways	Ceramic / Concrete	Counterflow	Colorado, USA
Corn Products	(2) 1 cell Counterflow - Repair casing and other misc. repairs	Pritchard	Crossflow	North Carolina, USA
Crysen Refining	Mechanical conversion to 2 cell Counterflow	Pritchard	Counterflow	Utah, USA
DB Wilson	Furnish and install eight (8) Hudson APT40B-8 fans	Ecodyne	Counterflow	Kentucky, USA
DFD - Arlington	Design and install six (6) access hatches and platforms through recently installed inlet cellular louvers	PSI	Counterflow	Arizona, USA
Diamond Shamrock - Total	Replace fill, DE's, mechanical equipment supports, and some partition wall.	Fluor	Counterflow	Colorado, USA
Dominion Power	Repair tower as needed one cell at a time Labor Only	Marley	Crossflow	Virginia, USA
Dominion Power/Mount Storm	Remove the HWB Covers, clean and inspect basins. Replace nozzles as needed. Replace crossover walkway between towers	Marley	Crossflow	West Virginia, USA
Duferco Farrell / Caporo Steel	Non- Fouling fill and DE's; laterals and nozzles for a 2-cell IMT	IMT / Ceramic	Counterflow	Pennsylvania, USA
Duferco Farrell Corp.	Inspection	N/A	Counterflow	Pennsylvania, USA
Duke-Fluor Daniel	Replace damaged FRP distribution header, supports, laterals, fill, de's and casing	PSI	Counterflow	Texas, USA

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Duke-Fluor Daniel/Whiting Cogen	Relocate existing davit 12 feet north	PSI	Counterflow	Indiana, USA
El Paso/Coastal Chem	Replace fill, fill supports and fill joists support girders in 3 cells (one cell at a time)	Ecodyne	Counterflow	Wyoming, USA
Elf Autochem / Calvert City Plant	Replace valves and some structure	Fluor	Crossflow	Kentucky, USA
Eli Lilly Clinton	3 cell, Replace hot water basin, 2x6 joists and joists supports, and fill	Marley	Crossflow	Indiana, USA
Empire District Electric Company	Change out (6) six fanstack segments with new segments with access doors, install one port-hole per stack (looking down centerline of tower, and removable walkway grates).	PSI	Counterflow	Missouri, USA
EnCana Midstream Limited	Wind wall close off. T&M to re-set fan blade pitch	PSI	Counterflow	Alberta, Canada
Entergy/White Bluff	Supply and install fill support system for test sections per Cooper drawing JCA WB400	Hamon	Natural Draft	Arkansas, USA
Fluor Daniel Chevron Refining	2 cell, Replacement of bottom structure, windwalls, louvers, escape ladder & stairway	Sante Fe	Counterflow	Utah, USA
Gainesville Regional Utilities - Deerhaven Generating Plant	Structural repair - hot water deck repair	Marley 6515-06	Crossflow	Florida, USA
Gainesville Regional Utilities / Kelly Power Plant (12/16/00)	Replace endwall casings, air inlet louvers, fan hardware, and drift eliminators.	Marley	Crossflow	Florida, USA
Gainesville Regional Utility	7 cell, replacement of fill, distribution valves, hot water basin, and structure	Marley	Crossflow	Florida, USA
Gainesville Regional Utility	Replace casing, louvers, misc. structure	Marley	Crossflow	Florida, USA
GE Plastics	Provide removable doors in fan cylinders; ME access doors; align driveshafts; re-seal hot water basin control valves; repair some casing; install fan deck air seals; replace 4 louvers, 3 partition wall doors, plenum walkways; new endwall; new columns and transverse girts.	Marley	Crossflow	New Jersey, USA
GE Plastics Power House Towers	Furnish & install five mechanical access walkways from fandeck to gears on five cells of Power House Cooling Towers.	Ecodyne	Counterflow	Indiana, USA

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Georgia Gulf	Inspection of six (6) cooling towers	N/A	N/A	Mississippi, USA
Georgia Gulf	Replace 2 Hudson fan blades and fix vibration problem	BAC-Pritchard	Crossflow	Mississippi, USA
Georgia Gulf	Install additional structure to reduce vibration	BAC-Pritchard	Crossflow	Mississippi, USA
Georgia Gulf	Replace handrails, kneerails, handrail posts, gear boxes, HWB floor, curbing, boxes, nozzles, DE's and supports, fan deck and case west endwall.	BAC	Crossflow	Mississippi, USA
Georgia Gulf	Replace fan deck, fan deck joists and joist supports. Replace two gear boxes, two Hudson fans. Wash DE's and change out plenum hardware and misc. structure.	Ecodyne	Crossflow	Mississippi, USA
Georgia Power / Vogtle Electric Generating Plant	Stabilize 3,000 sq. ft. of fill	Research Cottrell	Natural Draft	Georgia, USA
Golden Hill Propp Realty	Coated basin, replaced drift eliminators and louvers	BAC	Atmospheric	Colorado, USA
Goodyear Tire Lawton	3 cell, Repair fiberglass pipe and distribution boxes, rebuild flow control valves	Marley	Crossflow	Oklahoma, USA
Gulf Coast Waste to Energy	Clean tower of waste material	PSI	Crossflow	Texas, USA
Gulf Coast Waste to Energy	Clean up mud in tower, wash down tower	PSI	Crossflow	Texas, USA
Gulf States Steel	Repair miscellaneous sections of fill and distribution conversion, a new fiberglass flume in lieu of the header pipe, reusing the laterals, replacement of drift eliminators.	PSI	Counterflow	Alabama, USA
Hibbing Public Utilities	Clean fan hubs. Replace re-nail fan deck some wood fill. Re-nail endwall casing	Marley	Crossflow	Minnesota, USA
HMLP - Wilson Plant	Furnish and install Hudson APT40B8 Black Bladed Fan Assembly	Research Cottrell	Counterflow	Kentucky, USA
Hutchinson Utilities	Fill change in 3 half cells. Bolt change in 3 half cells	Marley/Marley	Singleflow Crossflow	Minnesota, USA

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Illinois Power Havana Station	10 cell conversion to 11 cell, performance upgrade from 88% to 102% - Replacement of drift eliminators, louvers, partitions, hot water basin, fan deck and structure upgrade.	Marley	Crossflow	Illinois, USA
Inland Paperboard & Packaging-Rome Linerboard Mill	Labor to make minor repairs and inspect F & G towers during outage.	Pritchard	Counterflow	Georgia, USA
Inland Rome E-Tower and F-Tower	E-Tower: Patch leaks in casing, R & R fill with VF3800 & CF190, R & R ladders, patch fan stack holes, R & R drifts, R & R lower partition wall, repair cracked header. F-Tower: Patch casing leaks, R & R fill with VF3800 and CF190, stair repair, R & R drifts, repair ladder, patch fan stack holes.	BAC	Counterflow	Georgia, USA
Inland Rome, Inc.	2 cell, Replace collapsed tower due to clogged fill	BAC	Counterflow	Georgia, USA
International Paper	3 cell, Replacement of structure, fill & drift eliminators	Pritchard	Crossflow	Maine, USA
Iowa State University	3 cell, replacement of fan deck, drift eliminators and structure	Marley	Crossflow	Iowa, USA
Iowa State University	Demolition and replacement of existing cooling tower, relocation of endwalls	Marley	Crossflow	Iowa, USA
Johns Manville	Replace water basin diverters, repair hole in hot water basin floor.	Marley	Crossflow	Colorado, USA
Kansas Power & Light	Replace eight mechanical equipment supports	Marley	Crossflow	Kansas, USA
Kansas Power & Light Western Resources / Lawrence Station	Install FRP mechanical access walkway and Douglas Fir hot water deck and handrails	Marley / Matrix	Crossflow	Kansas, USA
Kissimmee Utility Authority/Hansel Generation Plant	Fill and drift eliminator change out with some structural and fan deck girts	FCT	Counterflow	Florida, USA
Lake Cogen	Misc. Structure	Marley	Counterflow	Florida, USA
Lamar Power Partners, LP	Remove & Replace 25 pieces of CF-1900 10 mil Fill in 3 cells. Also give them 15 extra pieces of Fill	PSI	Counterflow	Texas, USA
LaRoche Chemical	2 cell, Replacement of fill & miscellaneous repairs	Marley	Crossflow	Louisiana, USA

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LaRoche Industries	New fill Vbar on 8x8 spacing, remove DE's for cleaning , replace splice blocks in plenum & transverse ties in fill area.	Marley	Crossflow	Louisiana, USA
LaRoche Industries	2 cell, Install new laterals and nozzles	BAC	Crossflow	Alabama, USA
Las Vegas Convention Center	Install new 15 mil DE's, Install new 10 mil fill, replace nozzles as well as missing nuts & connectors, replace 30 pieces of 2x6 wood & 10 pieces of 2x4 wood.	BAC-Pritchard	Counterflow	Nevada, USA
Las Vegas Convention Center	Structure repairs to one cell	BAC	Crossflow	Nevada, USA
Lauhoff Grain	Fill replacement, and new hot water basin	Marley	Crossflow	Illinois, USA
Lubbock Power and Light	Supply materials only for customer to fix ice damage to tower.	Marley	Crossflow	Texas, USA
Lubbock Power and Light/Cooke Station	Demo existing Marley 3 cell crossflow and install new 4 cell PSI counterflow	Demo old	Counterflow	Texas, USA
Lucent Technologies	2 cell, clean basin, replace nozzles	Marley	Crossflow	Colorado, USA
Macmillian Bloedel	4 cell, Replace fan deck, one fan stack, three fans & one mechanical support	Marley	Crossflow	Alabama, USA
Magma Nusantara Ltd./Wayang Windu Geothermal Plant	Purchase & Air freight 6 new Sumitomo Model 8065 gears	N/A	N/A	West Java, Indonesia
Magma Nusantara Ltd./Wayang Windu Geothermal Plant	Purchase and air freight for two Sumitomo 8065 gears to Jakarta	PSI	Counterflow	West Java, Indonesia
Marathon Oil Garyville	2 cell, replace fill with V-bar splash fill, inspect and repair mechanical equipment	Marley	Crossflow	Louisiana, USA
Marathon/Garyville Polypropelyne Plant	Inspect Distribution and Fill while tower is online. Provide 1 cell top layer of fill and one cell of nozzles. Repairs Per T&M rate sheet	PSI	Counterflow	Louisiana, USA
Mascoutah	2 cell, Replacement of hardware, drift eliminators, louvers, casing and structure	Marley	Crossflow	Illinois, USA

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Mead Westvaco Corp	Material to replace fill (DE's & Louvers) in three NC Towers	Marley	Crossflow Galvanized	Maine, USA
Mead Westvaco	3 Cell coat all fan blades & Replace fill, 2 Cell DE's and fill	GEA & GEA	Counterflow	Maine, USA
MG Industries	2 cell, Replacement of fill, drift eliminators, fan and hot water decks	Marley	Crossflow	Pennsylvania, USA
MHI Kangal	Repair Sumitomo gearbox	PSI	Counterflow	Kangal, Turkey
Michelin Tire Dothan	Replace fill, drift eliminators, fan, hot water deck and stair; repair and replace fan deck	BAC	Crossflow	Alabama, USA
Michelin/Recycle #1 Tower	Replace mechanical equipment supports, fandeck & joists 1 cell, fill 2 cells, driveshafts 2 cells, handrails & posts 2 cells, fan seal discs & re-pitch fans 2 cells & misc.	Ecodyne	Counterflow	Alabama, USA
Middletown Generation Plant	Remove and Replace (6 fans	Marley	Crossflow	Connecticut, USA
Midwest Lysine	Supply and install girts and labor for misc. repairs	PSI	Counterflow	Nebraska, USA
Montenay Power Corp	Work done one cell at a time starting June 5th	Ecodyne	Crossflow	Florida, USA
Nashville Thermal	Replace 1 fan blade and install driveshaft hub	Marley	Crossflow	Tennessee, USA
Nashville Thermal	Replace fill in one cell - fix one louver - replace six 3x4 fan deck posts	Marley	Crossflow	Tennessee, USA
Nashville Thermal Transfer	Change top structure in one cell	Marley	Crossflow	Tennessee, USA
Nashville Thermal Transfer	Replace casing and louvers	Marley	Crossflow	Tennessee, USA
Nashville Thermal Transfer	4 cell, replacement of fill, fans, casing and louvers, four access ladders, and 100 sq. ft. of hot water basin floor	Marley	Crossflow	Tennessee, USA

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Nashville Thermal Transfer	4 cell, Replace fill in two cells	Marley	Crossflow	Tennessee, USA
Nashville Thermal Transfer	Replace four ladders from the fan deck to the hot water basin.	Marley	Crossflow	Tennessee, USA
Nebraska Energy Aurora	2 cell, Replace miscellaneous diagonals and columns, repair drift eliminators and casing leaks	PSI	Counterflow	Nebraska, USA
Nebraska Public Power/Sheldon Station	Replace D.E.'s in two cells of a Marley 654	Marley	Crossflow	Hallam, NE
Nevada Co-Gen Association Garnet Valley	2 cell, Replace 2x4 louver arms	Ecodyne	Counterflow	Nevada, USA
Nevada Power Company Reid Gardner Plant	5 cell, Misc. repairs to structure, louvers, and fan deck	Marley	Crossflow	Nevada, USA
Nevada Power Company Reid Gardner Plant	Misc. repairs to structure, louvers, and fan deck	Ecodyne	Crossflow	Nevada, USA
Nevada Power Company Reid Gardner Station Unit #3	4 cell, Performance upgrade, replacement of fill and bottom louvers	Marley	Crossflow	Nevada, USA
Nexen, Inc.	Wind wall close off. T&M to re-set fan blade pitch	PSI	Counterflow	Alberta, Canada
Nova Chemicals	FRP header repair and header support repair		Crossflow	Alberta, Canada
Nova Chemicals	Temporary Header Support in Cell L	E-1	Crossflow	Alberta, Canada
Nova Chemicals	Inspection & Written Report	Marley	Crossflow	Alberta, Canada
Nova Chemicals	Distribution Systems Repair	Ecodyne	Crossflow	Alberta, Canada
Nucor Steel	Supervision Only	PSI	Counterflow	North Carolina, USA

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Nucor Steel	Repairs to four (4) towers	Marley	Crossflow	Utah, USA
NW Energy (Williams Lake) Limited Partnership	Tower inspection	N/A	N/A	British Columbia, Canada
Occidental Chemical	2 cell, Replacement of structure, fill, fan blade boots & stack spiders	Marley	Crossflow	New York, USA
Oklahoma State University	New FRP header; replace damaged support beams; new fan deck and new hot water basin	Marley	Crossflow	Oklahoma, USA
Olin Chemical Lake Charles	3 cell, miscellaneous structural repair, lateral repairs	Fluor	Counterflow	Louisiana, USA
Olin Chemical Westlake	3 cell, replace access ladder, install anti-reverse rotation devices on mechanical equipment	Fluor Ecodyne	Counterflow	Louisiana, USA
Olin Chemical Westlake	Install new curbs, seals and repair mechanical supports	Marley	Crossflow	Louisiana, USA
Olin Chlor Alkali	Supply three walkways for PSI tower	PSI	Counterflow	Alabama, USA
Olin Chlor Alkali Products	Demolition of existing Marley tower and asbestos disposal	Marley	Crossflow	Tennessee, USA
Olin Corporation	Install FRP mechanical walkways in 3 cells with DF handrails	Marley	Counterflow	Alabama, USA
Olin Corporation	Inspection of Marley 3 cell tower	Marley	Counterflow	Alabama, USA
Olin Corporation	R & R 3 rows of girts in plenum, R & R plenum walkway, R & R 3 levels of DE seals, R & R 4th level longitudinal girts, R & R fan deck girts and nailers, R & R HWB Seals, Install false bentline, Install fan deck perimeter girts.	Marley	Crossflow	Alabama, USA
PacifiCorp Jim Bridger Power Plant	Hot water basin, walkways and fill	Marley	Crossflow	Wyoming, USA
Pasco Cogen	Replace four rows of casing. Replace louvers 100%	Marley	Crossflow	Florida, USA

Cooling Tower Depot, Inc.
Partial Resume of Repair Projects**

Company Name / User	Description of work performed	Original Manufacturer	Type of Tower	Location
PCS Phosphate	Misc. Structure, hot water basin seal strips, hot water basin floor, nozzles, splash boxes, splash fill in top 6' elevation	Marley	Crossflow	Florida, USA
PCS Phosphate	Repair casing, stairway, fan stack, hot water basin, fill, short wall	Marley	Crossflow	Florida, USA
Pier & Assoc. / NASA John Glenn	Replace fan deck and some structural members	Foster Wheeler	Counterflow	Ohio, USA
Piney Creek, L.P.	Remove existing CF 12060 DE's and replace with CDX-150 on existing supports	TDT	Counterflow	Pennsylvania, USA
Pioneer Chlor Alkali Tower #3	Replace and repair fill, drift eliminators, hot water deck, fan deck, fan screens, louvers and distribution box	Marley	Crossflow	Nevada, USA
Pioneer Chlor Alkali Tower #5	Replace casing on one endwall	Ecodyne	Counterflow	Nevada, USA
Plains Electric / Escalante Generating Station	Provide 6 new Hudson fans, fan deck flooring, new end walls and partitions, new splash deflectors	Research Cottrell	Counterflow	New Mexico, USA
Polaroid	2 cell, Replacement of louvers, fiberglass walkways, miscellaneous structural, repositioning of fill.	Marley	Crossflow	Massachusetts, USA
PSEG - Hope Creek	Thermal performance upgrade design modification package	Research ND	Natural Draft	New Jersey, USA
Public Service of Colorado Pawnee Station	16 cell, Replacement of Douglas Fir hot water deck during 4 week outage	Marley	Crossflow	Colorado, USA
Public Service of Oklahoma/Unit 4	Repair Misc. small sections of Fiberglass Pipe, Furnish and Install at least 30 new louver arms. Furnish and Install new louver blades which will be supplied by customer. All T&M	Marley	Crossflow	Oklahoma, USA
Puerto Rico Electric Power Authority Aguirre Steam Plant	4 cell, New pultruded FRP fan deck, replace motor supports, drift eliminators and casing; re-seal inside of tower.	Lillie Hoffman	Counterflow	Puerto Rico
Rayonier Fernandina	Replace 2 sections of drift eliminators	Marley	Crossflow	Florida, USA
Rayonier Specialty Pulp Products Fernandina Mill	Install 2 @ 12' Hudson fans with fan stacks. Install new HWD with new girts, nailers, sides, seal strips and nozzles. Replace 100% of the louvers with new louver arms and rods. Replace 4 @ 8" valves with hot water boxes. Install 2 mechanical supports torq.	Marley	Crossflow	Florida, USA

Cooling Tower Depot, Inc.
Partial Resume of Repair Projects**

Company Name / User	Description of work performed	Original Manufacturer	Type of Tower	Location
Riverwood International	Miscellaneous repairs and maintenance on four (4) different small towers	Ecodyne/Models Vary		Georgia, USA
Riverwood International	Inspections and Mechanical Maintenance, some minor structure in the one cell BAC crossflow plenum	BAC, GEA, Ecodyne	Crossflow and Counterflow	Georgia, USA
Rochester Public Utility	Install drift eliminators in one cell	Marley	Crossflow	Minnesota, USA
S.F. Phosphates	2 cell, Install 2x6 mechanical supports, replace (6) 4x4 columns, replace 2 torque tubes and attach stair tower to cooling tower.	Marley	Crossflow	Wyoming, USA
Saguaro Power Henderson	Install motor supports, nozzles and laterals	TDT	Counterflow	Nevada, USA
Siemens Westinghouse/Chouteau Plant	Replace misc. bays of fill. Repair structure	PSI	Counterflow	Oklahoma, USA
Sierra Pacific Industries	Supply new 1900 Plus film fill	Hamon	Counterflow	California, USA
Sierra Pacific Industries	Two cell fill changeout	Hamon	Counterflow	California, USA
Sierra Pacific Industries	Material for fill replacement, 15 mil before forming VF 1900 plus	Hamon	Counterflow	California, USA
Solutia Chemical Krummrich Plant	1 cell, Reinforce bottom splash fill next to louvers, secure stairway hardware	Ecodyne	Crossflow	Illinois, USA
Solvay Mineral Solvay Soda Ash JV	Replace 12' of stairway, Replace handrails and toeboards on fandeck.	Fluor	Counterflow	Wyoming, USA
Solvay Minerals	3 cell, Replacement of fill	TDT	Counterflow	Wyoming, USA
Southern Minnesota Power	Replace 86 anchor castings, 230' of handrails, plenum walls, drive shafts, top plenum structure	Fluor	Counterflow	Minnesota, USA
South Carolina Electric & Gas Wateree Station	Miscellaneous Structural Repairs	Marley	Crossflow	South Carolina, USA

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SP Newsprint (Smurfit)	Change three cells of drift eliminators; 2% of V-bar fill; two louvers	Marley	Crossflow	Oregon, USA
St. Louis Community College	Replace 4 wood fan stacks with fiberglass fan stacks	Lillie Hoffman	Counterflow	Missouri, USA
T.G. Soda Ash	1 cell, Replace hot water deck, curbs and two distribution boxes	TDT	Crossflow	Wyoming, USA
Tampa Electric (TECO)/Big Bend Station	Replace fill, de's, and 48 transverse ties	Marley	Crossflow	Florida, USA
Tampa Electric Teco/Big Bend Station	Repair leak in wood cold water basin in one corner of tower	Marley	Crossflow	Florida, USA
Texas Independent Energy	Repair of failed Sumitomo Gear	Sumitomo	N/A	Texas, USA
TG Soda Ash	2 cell, Replacement of hot water basin, louvers & fill	BAC	Crossflow	Wyoming, USA
TG Soda Ash	2 cell, Repair distribution system, replacement of fill	BAC	Crossflow	Wyoming, USA
Tosco - Wood River Plant	Supply labor to repair tower -all materials by others. This is a Trades Union Job	Fluor Back to Back	Counterflow	Roxanna, IL

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Toyo USA / Thai MMA Rayong Plant	Upgrade fan and gear and replace motor on 2 cells to increase performance	PSI	Counterflow	Thailand
Tractebel Electricity and Gas	work in April, details to follow	Marley	Crossflow	California, USA
TU Electric	5 drift eliminators panels and air seals	Fluor	Crossflow	Texas, USA
Tucson Electric	Upgrade distribution system, New stairway	Fluor Ecodyne	Crossflow	Arizona, USA
Tuscaloosa Steel Alabama	2 cell, Replace "Opti-bar" splash fill	Texas Cooling Tower	Counterflow	Alabama, USA
Ultramar Diamond Shamrock	Repairs to fan deck, columns, fill, DE's and structure	Fluor	Counterflow	Colorado, USA
Ultramar Diamond Shamrock	1 cell, Structural upgrade (rivets to bolts), supply and install new non-clog fill, repair louvers on south side of tower.	BAC	Counterflow	Colorado, USA
Ultramar Diamond Shamrock	1 cell, Replace fill and Miscellaneous structural items	Flour	Counterflow	Colorado, USA
United Architecture and Engineering	Replace fill nozzles on one cell	Ecodyne	Counterflow	Ohio, USA
University of Nebraska	Replace sump on a Marley Tower	Marley	Crossflow	Nebraska, USA
University of Richmond	2 cell, Replacement of splash fill with film fill and drift eliminators in 2 cell tower	Marley	Crossflow	Virginia, USA
University of Texas	Add cell to existing three cell cooling tower	Pritchard	Crossflow	Texas, USA
University of Texas at El Paso / Landis and Staefa	Replace louvers, nozzles and cold water basin walls	Marley	Crossflow	Texas, USA

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Partial Resume of Repair Projects**

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Unocal Indonesia, LTD.	Furnish and supply gear parts	N/A	N/A	Texas, USA
US Filter Services Group/IPSCO Facility	Add louvers to air inlets for four towers	PSI	Counterflow (4 towers)	Alabama, USA
VA Hospital	Replace fill and eliminators in existing 3 cell BAC-Pritchard Model 4458	BAC Pritchard	Crossflow	Indiana, USA
Virginia Dominion Power/Unit 3 Mt. Storm	Replace tower Structure Remove and replace fill & clips Replace fan deck and joists Replace hot water basin floor & covers		Crossflow	West Virginia, USA
Virginia Power / Mount Storm Power	Rebuild fan deck, replace columns, & replace 300 pcs of fan deck	Fluor 4FG0-144-1824D	Crossflow	West Virginia, USA
Vista Chemical	4 cell Crossflow tower - Upgrade to film fill, (2) Counterflow towers upgrade to film fill	Ecodyne	Counterflow & Crossflow	Mississippi, USA
Vista Chemical	2 cell, Replace 2x8 fan deck supports, 2x8 fan deck joist supports, and partition wall. Fill replacement in one cell, distribution lines in one cell, and drift eliminators in one cell.	Ecodyne	Counterflow	Mississippi, USA
West Texas Municipal Agency / Lubbock	4 cell, Replace fill, drift eliminators, fan, hot water deck, joist, and fan deck	Marley	Crossflow	Texas, USA
Western Energy Company	Fill & Basin in 2-cell Marley NC Tower	Marley	Crossflow	Montana, USA
Western Kentucky Energy HMPL Station 11	Replace the fandek with new 1 1/8" treated Douglas Fir plywood with new cut radius joists.	Ecodyne	Crossflow	Kentucky, USA
Western Kentucky Energy/Green Tower #2	Misc. structural repairs Remove fill, Replace transverse ties, install new wood fill supports	Ecodyne	Crossflow	Kentucky, USA
Western Kentucky Energy/WKE Wilson Station	Inspection and recommendation for repairs		Counterflow	Kentucky, USA
Western Kentucky Engineering	Concrete work on basin			Kentucky, USA

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Westvaco Corp.	Inspection Report	BAC	Crossflow	Virginia, USA
Westvaco Corporation / Chemical Division	Nail casings and louvers on a tower	Marley	Counterflow	Louisiana, USA
Weyerhaeuser	3 cell, Complete replacement of bottom during 4 day outage, upgrade tower to film pack to produce 125% of original capacity.	Fluor Ecodyne	Counterflow	Washington, USA
Willamette Industries Hawesville	1 cell, install debris screen.	PSI	Counterflow	Kentucky, USA
Willamette Industries, Inc.	Tighten stair hardware, patch casing leaks, 9-stair columns, tighten fan stack hardware, replace stair tread support blocks to two cell towers.	TDT	Counterflow	Pennsylvania, USA
Williams Gas Pipelines	R&R louvers with plywood and posts, outboard basin curbs, crossover pipes with reinforced thermosetting resin, short wall with plywood, ladders with FRP, coupling guards, misc. structure, fan deck handrails and posts, hot water basin handrails and posts.	Marley	Crossflow	Alabama, USA
Yale	Repair wind wall, coat 6 fans with epoxy, supply DE platforms, inspect nozzles, epoxy paint gal conduit	PSI	Counterflow	Connecticut, USA

**The above is a list of new cooling tower projects on which some or all of the team of professionals at Cooling Tower Depot worked on in one or more of the following capacities while employed within the cooling tower industry: Thermal Design, Design Analysis, Drafting, Purchasing, Sales and Marketing, Contract Administration, Fabrication, Manufacturing, Project Management, Field Supervision and Performance Testing.