

## Reference List Cooling Tower Service

Project name	Year	Customer	Cooling tower type Duty	Type of work
Nouryon	2021	Nouryon NL	Cooling tower cell (dual cell)	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of wind walls</li> <li>- Replacement of impact attenuators</li> <li>- Cleaning</li> </ul>
Kernkraftwerk ISAR II	2021	Preussen Elektra	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- Cooling tower revision</li> </ul>
LEAG Schwarze Pumpe	2021	LEAG	2 Cooling tower cells	<ul style="list-style-type: none"> <li>- Replacement of air inlet packages</li> </ul>
Linde Leuna	2021	Linde	Cooling tower cell	<ul style="list-style-type: none"> <li>- Wood repair</li> </ul>
Nordzucker Uelzen	2021	Nordzucker AG	11 Cooling tower cells	<ul style="list-style-type: none"> <li>- Cleaning of cooling tower and relevant components</li> <li>- Replacement of drift eliminators</li> <li>- Replacement of Cooling Internals</li> </ul>
DOW Schkopau	2021	DOW	Cooling tower cell (dual cell)	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of Cooling Internal and wooden support (Holz)</li> <li>- Refurbishment of basin joints</li> </ul>
Kernkraftwerk	2020	Preussen Elektra	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- Cooling tower revision</li> </ul>
CSL Behring	2020	CSL Behring	6 Cooling tower cells	<ul style="list-style-type: none"> <li>- Cleaning</li> <li>- Replacement of Cooling Internals</li> <li>- Replacement of water drift eliminators</li> <li>- Replacement of air inlet</li> <li>- Installation of spray boards</li> </ul>
Nordzucker Uelzen	2020	Nordzucker AG	11 Cooling towercells	<ul style="list-style-type: none"> <li>- Cleaning of cooling tower and relevant components</li> <li>- Replacement of water drift eliminators</li> <li>- Replacement of Cooling Internals</li> </ul>
Kernkraftwerk ISAR II	2019	Preussen Elektra	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- Cooling tower revision</li> </ul>
BASF Ludwigshafen	2019	BASF	Cooling towercells in C401, B719, U206	<ul style="list-style-type: none"> <li>- Extensive repair work</li> </ul>
DOW Schkopau	2019	DOW	Cooling towerdoppelcell	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of Cooling Internal and wooden support</li> <li>- Refurbishment of basin joints</li> </ul>
Nordzucker Uelzen	2019	Nordzucker AG	11 Cooling towercelln	<ul style="list-style-type: none"> <li>- Cleaning of cooling tower cells and relevant components</li> <li>- Replacement of drift eliminators</li> <li>- Replacement of Cooling Internals</li> </ul>
DOW Schkopau	2018	DOW	Cooling tower cell (dual cell)	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of Cooling Internal and wooden support</li> <li>- Replacement of spray nozzles</li> </ul>
Nordzucker Uelzen	2018	Nordzucker AG	11 Cooling towercells	<ul style="list-style-type: none"> <li>- Cleaning of cooling tower cells and relevant components</li> <li>- Replacement of drift eliminators</li> <li>- Replacement of Cooling Internals</li> </ul>
DOW Schkopau	2017	DOW	Cooling tower cell (dual cell)	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of spray nozzles</li> </ul>
Kernkraftwerk ISAR II	2017	Preussen Elektra	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminator</li> <li>- partial Replacement of spray nozzles</li> <li>- partial Replacement of Cooling Internal support structure (GFK)</li> <li>- partial Replacement of Cooling Internals</li> </ul>

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Kernkraftwerk ISAR II	2016	Preussen Elektra	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminator</li> <li>- partial Replacement of spray nozzles</li> <li>- partial Replacement of Cooling Internal support structure (GFK)</li> <li>- partial Replacement of Cooling Internals</li> </ul>
GuD Kraftwerk Berlin Lichterfelde	2016/2017	Vattenfall	Forced draft supported Cooling tower – KT3	<ul style="list-style-type: none"> <li>- repair of mechanical part</li> <li>- Replacement of drift eliminators</li> <li>- Replacement of water distribution system</li> <li>- Replacement of Cooling tower structure (GRP)</li> <li>- Replacement of Cooling Internals</li> <li>- Replacement of stairways and steelframe</li> <li>- Installation of temperature measurements</li> <li>- Installation of fire distinguishing system</li> <li>- Repair of concrete parts</li> </ul>
Kraftwerk Jänschwalde	2016	Vattenfall	Natural draft cooling tower A2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of wooden components</li> </ul>
GuD Kraftwerk Berlin Lichterfelde	2014/2015	Vattenfall	Forced draft supported Cooling tower – KT3	<ul style="list-style-type: none"> <li>- repair of mechanical part</li> <li>- Replacement of drift eliminators</li> <li>- Replacement of water distribution system</li> <li>- Replacement of Cooling tower structure (GRP)</li> <li>- Replacement of Cooling Internals</li> <li>- Replacement of stairways and steelframe</li> <li>- Installation of temperature measurements</li> <li>- Installation of fire distinguishing system</li> <li>- Repair of concrete parts</li> </ul>
Kraftwerk Frimmersdorf	2013	RWE	Natural draft cooling tower Q	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling internal dependents</li> <li>- partial Replacement of Cooling Internals</li> </ul>
Kraftwerk Fenne	2013	STEAG	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- Replacement of drift eliminators</li> <li>- Replacement of Cooling Internals</li> <li>- Replacement of seperator walls</li> <li>- Replacement of spray nozzles</li> </ul>
Fiddlers Ferry	2012	SSE plc / EON UK	Natural draft cooling tower B2	<ul style="list-style-type: none"> <li>- Replacement of Cooling Internals</li> <li>- Replacement of water distribution</li> <li>- Replacement of spray nozzles</li> </ul>
BASF Ludwigshafen	2012	BASF	Cooling towercelln 5 - 6	<ul style="list-style-type: none"> <li>- Replacement of drift eliminators</li> <li>- Replacement of water distribution</li> <li>- Replacement of spray nozzles</li> </ul>
KKW GKN	2011	EnBW	Ventilator Cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> </ul>
Kernkraftwerk Grafenrheinfeld	2011	EON	Natural draft cooling tower P1	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Emsland	2011	RWE	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- Installation of air ducts</li> </ul>

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Kraftwerk Niederaussem	2011	RWE	Natural draft cooling tower Block D	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internal support</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Philippsburg	2010	EnBW AG	Natural draft cooling tower KT 2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internal support</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Philippsburg	2010	EnBW AG	Natural draft cooling tower KT 1	<ul style="list-style-type: none"> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> </ul>
Kernkraftwerk Emsland	2010	RWE	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of ant icing system</li> <li>- Replacement of winter tube cover</li> <li>- Installation of wind wall (GRP)</li> </ul>
Kernkraftwerk Grafenrheinfeld	2010	EON	Natural draft cooling tower P2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Philippsburg	2009	EnBW AG	Natural draft cooling tower KT 2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internal support structure</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> </ul>
Kernkraftwerk Philippsburg	2009	EnBW AG	Natural draft cooling tower KT 1	<ul style="list-style-type: none"> <li>- partial Replacement of Cooling Internal support</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> <li>- partial Replacement of winter tube cover</li> </ul>
Kernkraftwerk Grafenrheinfeld	2009	EON	Natural draft cooling tower P1	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Emsland	2009	RWE	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of Cooling Internal support</li> <li>- partial Replacement of water distribution</li> <li>- Installation of temperature measurements</li> </ul>
Kraftwerk Staudinger	2009	Uniper	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of spray nozzles</li> </ul>
Kernkraftwerk Philippsburg	2008	EnBW AG	Natural draft cooling tower KT 2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internal support</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> <li>- partial Replacement of winter tube cover</li> </ul>
Kernkraftwerk Philippsburg	2008	EnBW AG	Natural draft cooling tower KT 1	<ul style="list-style-type: none"> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> <li>- partial Replacement of winter tube cover</li> </ul>

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Kernkraftwerk Emsland	2008	RWE	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of Cooling Internal support structure</li> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of anti icing system</li> </ul>
Kernkraftwerk Grafenrheinfeld	2008	EON	Natural draft cooling tower P2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kraftwerk Gersteinwerk	2007/2008	RWE	Natural draft cooling tower Bloch H und I	<ul style="list-style-type: none"> <li>- Replacement of drift eliminators</li> <li>- Replacement of Cooling Internals</li> <li>- Replacement of water distribution</li> <li>- Replacement of anti icing system</li> <li>- Replacement of winter tube cover</li> <li>- Installation von temperature measurements</li> <li>- Replacement of seperation walls</li> <li>- Replacement of gate valve</li> </ul>
Kernkraftwerk Philippsburg	2007	EnBW AG	Natural draft cooling tower KT 2	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internal support structure</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> <li>- partial Replacement of spray nozzles</li> </ul>
Kernkraftwerk Grafenrheinfeld	2007	EON	Natural draft cooling tower P1	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of water distribution</li> </ul>
Kernkraftwerk Emsland	2007	RWE	Natural draft cooling tower	<ul style="list-style-type: none"> <li>- partial Replacement of drift eliminators</li> <li>- partial Replacement of Cooling Internals</li> <li>- partial Replacement of Cooling Internal support structure</li> <li>- partial Replacement of water distribution</li> </ul>