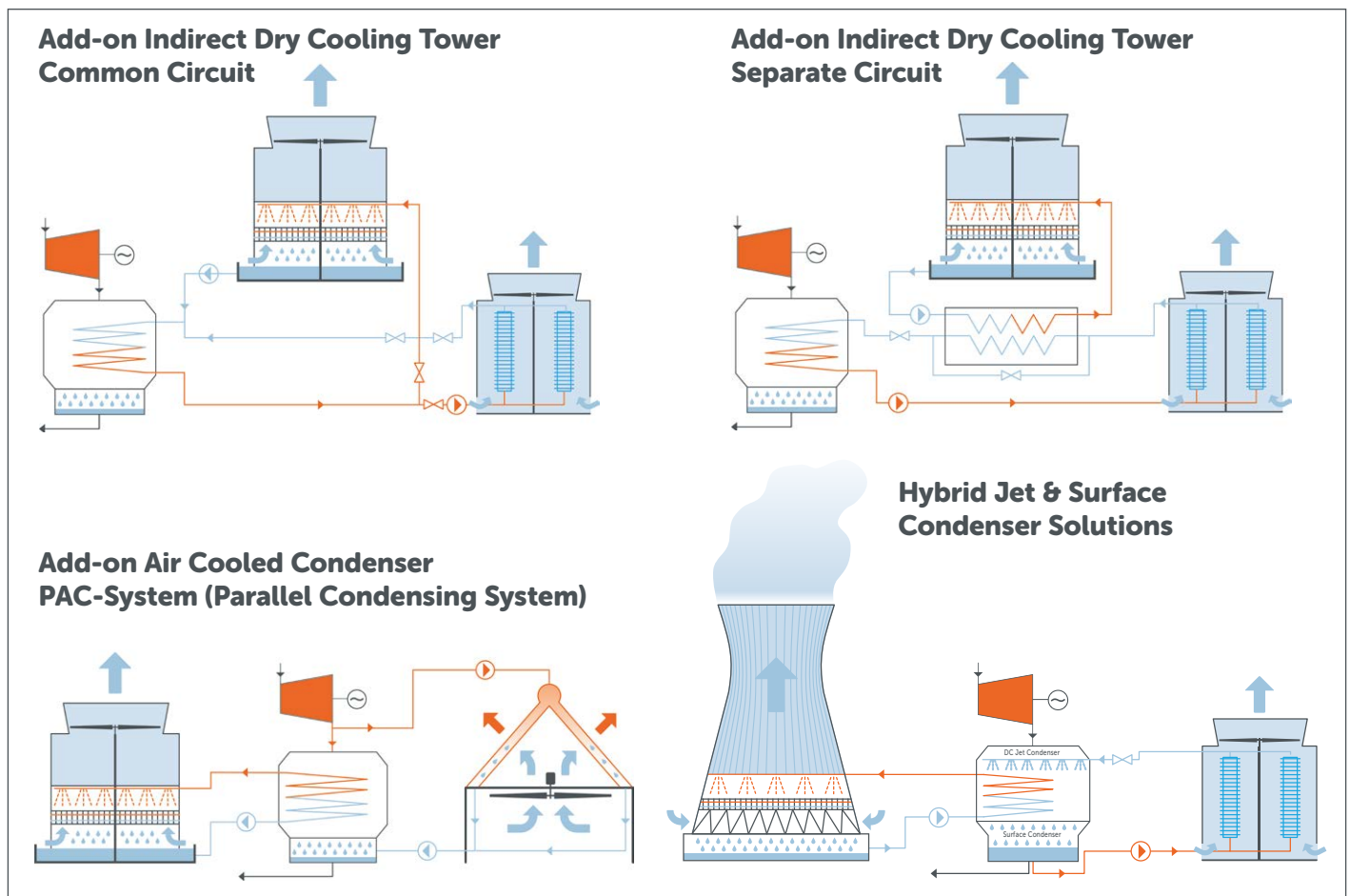


## WET-TO-DRY CONVERSION EVERY DROP COUNTS

Ask ENEXIO to customize a Wet-to-Dry cooling system conversion solution for your facility. Our multiple patented\* conversion schemes are tailor-made to alleviate dependency on increasingly expensive and limited water resources. As your heat-sink specialist, ENEXIO provides confidence, affording enhanced availability and financial stability regardless of market water demands.



A seasonal or persistent lack of water today may cut your plant's output and availability tomorrow. Reduce your plant's dependency, protecting your asset against increasing water costs and regulations to your water supply. As your heat-sink specialist, ENEXIO will optimize a dry cooling solution to meet your targeted water savings in a Wet-to-Dry conversion.

ENEXIO is uniquely equipped to service any power plant given our wide range of proven solutions. Air-Cooled Condensers, Heller®, and various dry/wet derivatives lend themselves to unmatched flexibility, adapting to any existing plant layout. Integrating a dry cooling system is possible for even the most restricted sites.

### The ENEXIO Wet-to-Dry conversion programs are economically proven, providing various benefits to your plant:

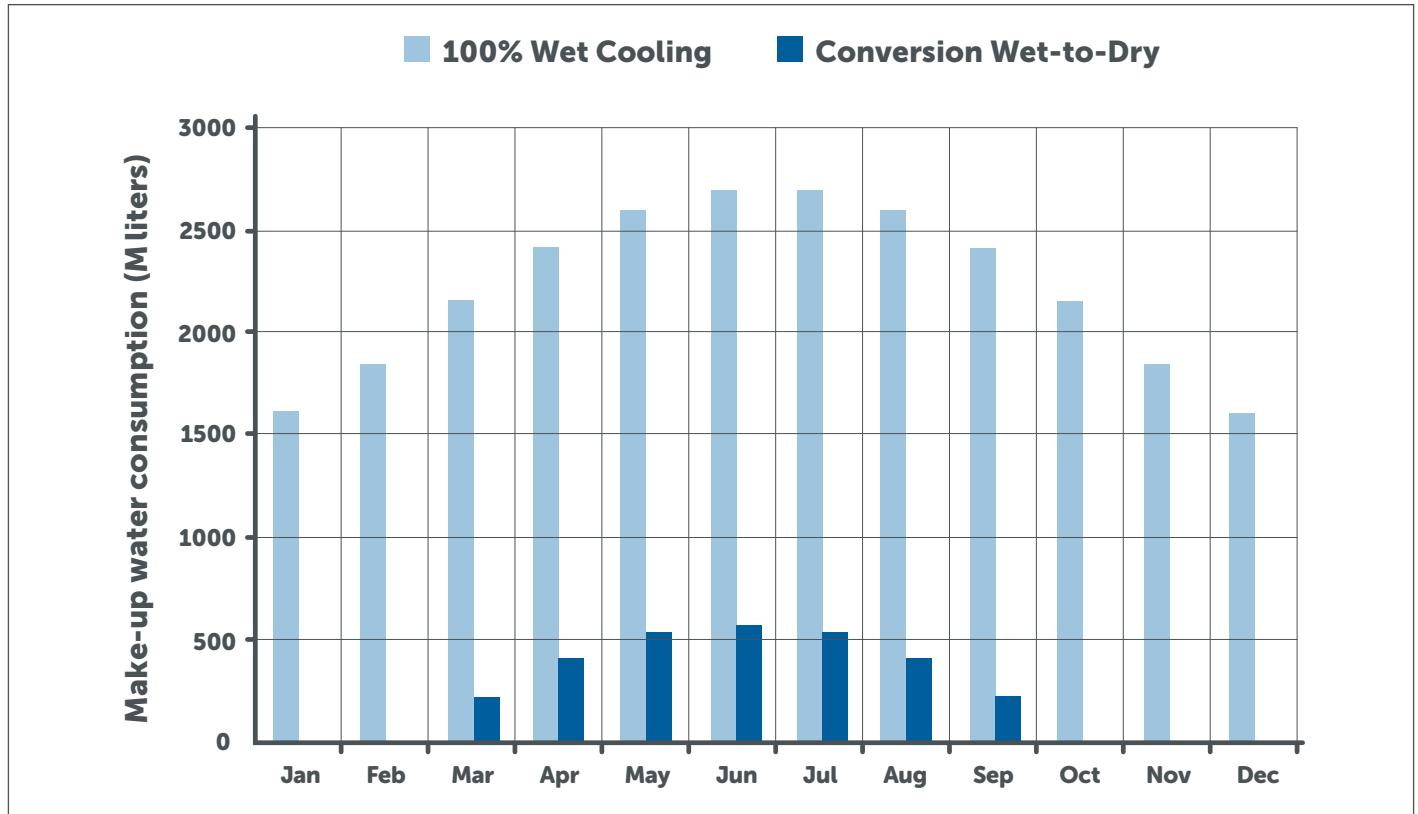
- Increased power plant availability, even in arid areas with depleted water resources
- Reduction/elimination of water-related costs (raw water price, pumping, treatment, chemical dosage, blow-down disposal, fillreplacements, etc)
- Minimized impact of the wet-to-dry conversion on the turbine output
- Elimination of salt-laden blow-down water emission and formation of visible plume
- On-line conversion with limited turbine down-time for the integration of dry cooling solution

\*U.S. Patent No.: US9897353 (B2); European Patent No.: EP 2 507 571

# WET-TO-DRY CONVERSION

## ENEXIO CALCULATES YOUR SAVINGS

ENEXIO will analyze the present value, life cycle cost for your Wet-to-Dry conversion using your plant's basic climatic and turbine data. With this analysis, ENEXIO will optimize a solution based on year-round simulation of turbine output and water consumption.



In addition to our expertise in engineering, production and execution of Wet-to-Dry conversions for many years, ENEXIO can support business partners to obtain a "Buyer's Credit" from banks which provides them with the funds needed to execute a Wet-to-Dry conversion program.

**Present Value (PV) based life-cycle revenue analysis:**

**PV = Revenue / A - I** where

- PV** Present value of net revenues with conversion
- I** (\$) total „cooling system conversion“ related investment cost
- R** (\$ / year) annual revenue = balance of yearly electricity generation income and yearly water- and maintenance costs
- A** (1/year) annuity rate (=  $i/[1-1/(1+i)^n]$ ;  
i = interest rate %; n = remaining plant life (years))

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