Modeling the performance of the indirect dry cooling sy generating unit under variable ambient conditions

Energy

169, 625-636

DOI: 10.1016/j.energy.2018.12.046

Citation Report

#	Article	IF	Citations
1	Quantitative research of spray cooling effects on thermo-flow performance of the large-scale dry cooling tower with an integrated numerical model. International Journal of Heat and Mass Transfer, 2019, 141, 799-817.	4.8	16
2	Evaporation aided improvement for cooling performance of large scale natural draft dry cooling system. Applied Thermal Engineering, 2019, 163, 114350.	6.0	20
3	Transient behavior of the cold end system in an indirect dry cooling thermal power plant under varying operating conditions. Energy, 2019, 181, 1202-1212.	8.8	6
4	Thermal performance prediction of office buildings using direct evaporative cooling systems in the composite climate of India. Building and Environment, 2019, 157, 64-78.	6.9	27
5	Internal flow reconstruction strategies to improve both thermo-flow performance and flue gas diffusion characteristic of the integrated dry-cooling tower and stack system. Applied Thermal Engineering, 2020, 166, 114675.	6.0	9
6	Hot air extraction to improve aerodynamic and heat transfer performances of natural draft dry cooling system. International Journal of Heat and Mass Transfer, 2020, 163, 120476.	4.8	8
7	Power and efficiency optimization of open Maisotsenko-Brayton cycle and performance comparison with traditional open regenerated Brayton cycle. Energy Conversion and Management, 2020, 217, 113001.	9.2	52
8	Performance analyses of a combined natural draft hybrid cooling system with serial airflow path. International Journal of Heat and Mass Transfer, 2020, 159, 120073.	4.8	13
9	Cooling performance of natural draft hybrid system with parallel air path. Applied Thermal Engineering, 2020, 169, 114971.	6.0	12
10	Optimization for Circulating Cooling Water Distribution of Indirect Dry Cooling System in a Thermal Power Plant under Crosswind Condition with Evolution Strategies Algorithm. Energies, 2021, 14, 1167.	3.1	4
11	Exploratory research on annular-arranged moist media to improve cooling capacity of natural draft dry cooling tower and thermo-flow characteristics of its radiators. International Journal of Heat and Mass Transfer, 2021, 172, 121123.	4.8	15
12	Investigation on heat exchanger arrangement in solar enhanced natural draft dry cooling towers under various crosswind conditions. Case Studies in Thermal Engineering, 2021, 28, 101505.	5.7	8
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15	Development and Assessment of a Novel Air/Water Hybrid Cooling System Coupling Two Units for Energy and Water Saving. SSRN Electronic Journal, 0, , .	0.4	0
16	Effects of the forced convection induced by assistant fans on the thermal performance of an indirect dry cooling system. Case Studies in Thermal Engineering, 2022, 35, 102141.	5.7	5
17	Development and assessment of a novel air/water hybrid cooling system coupling two units for energy and water saving. Sustainable Energy Technologies and Assessments, 2022, 52, 102330.	2.7	1
18	Optimization of the circulating cooling water mass flow in indirect dry cooling system of thermal power unit using artificial neural network based on genetic algorithm. Applied Thermal Engineering, 2023, 223, 120040.	6.0	9

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19	Investigation on feasible zone of nozzle spray for pre-cooling the inlet air of natural draft dry cooling tower. Thermal Science and Engineering Progress, 2023, 38, 101650.	2.7	4
20	Effect mechanism of cooling delta aerodynamic field equalizing on the cooling characteristics of dry cooling tower. International Communications in Heat and Mass Transfer, 2023, 148, 107070.	5.6	1
21	Thermo-economic analysis of the impact of the interaction between two neighboring dry cooling towers on power generation of dual thermal power units and the energy-efficient operation strategy. Applied Thermal Engineering, 2024, 240, 122256.	6.0	1
22	The mutual effect between dual thermal power units under the advanced configuration of two units sharing one dry cooling tower and the energy-efficient and low-emission operation strategy. Journal of Cleaner Production, 2024, 436, 140494.	9.3	0
23	Enhancement in thermodynamic cycle condensation of a coal-fired power plant by integrating a PCM heat storage tank into the indirect dry cooling system. Mechanical Engineering Journal, 2024, 11, 23-00385-23-00385.	0.4	0
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