

A novel super high back pressure cascade heating schemes units

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#	ARTICLE	IF	CITATIONS
1	A novel cascade heating system for waste heat recovery in the combined heat and power plant integrating with the steam jet pump. <i>Applied Energy</i> , 2020, 278, 115690.	10.1	27
2	Energy and Exergy Evaluations of a Combined Heat and Power System with a High Back-Pressure Turbine under Full Operating Conditions. <i>Energies</i> , 2020, 13, 4484.	3.1	8
3	Theoretical Design and Analysis of the Waste Heat Recovery System of Turbine Exhaust Steam Using an Absorption Heat Pump for Heating Supply. <i>Energies</i> , 2020, 13, 6256.	3.1	10
4	Thermodynamic, operational, and techno-economic analysis of the cascade heating system with a double-unit. <i>Energy Conversion and Management</i> , 2020, 226, 113558.	9.2	11
5	Optimal equipment arrangement of a total site for cogeneration of thermal and electrical energy by using exergoeconomic approach. <i>Energy Reports</i> , 2021, 7, 5330-5343.	5.1	4
6	The Comprehensive Upgrading of Large Steam Turbine Considering Actual Thermal and Electrical Load Demand. , 2021, , .		0
7	Combined heat and power plants integrated with steam turbine renovations: Optimal dispatch for maximizing the consumption of renewable energy. <i>Energy Conversion and Management</i> , 2022, 258, 115561.	9.2	16
8	Modeling and Off-Design Performance Analysis of a Screw Expander-Based Steam Pressure Energy Recovery System in a Combined Heat and Power Unit. <i>ACS Omega</i> , 2021, 6, 35442-35456.	3.5	1
9	Optimal dispatch of the cascade heating CHP plants integrating with the high back-pressure technology. <i>Case Studies in Thermal Engineering</i> , 2022, 38, 102330.	5.7	7
10	Peak regulation performance study of the gas turbine combined cycle based combined heating and power system with gas turbine interstage extraction gas method. <i>Energy Conversion and Management</i> , 2022, 269, 116103.	9.2	12
11	Peak regulation performance study of GTCC based CHP system with compressor inlet air heating method. <i>Energy</i> , 2023, 262, 125366.	8.8	3
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13	Optimal Multi-Mode Flexibility Operation of CHP Units with Electrode Type Electric Boilers: A Case Study. <i>Energies</i> , 2022, 15, 9337.	3.1	0
14	Comparative designs and optimizations of the steam ejector for a CHP system. <i>Applied Thermal Engineering</i> , 2023, 226, 120345.	6.0	5
15	Carbon reduction and flexibility enhancement of the CHP-based cascade heating system with integrated electric heat pump. <i>Energy Conversion and Management</i> , 2023, 280, 116801.	9.2	8
16	Optimization of combined heat and power cogeneration via modification of low-pressure regenerative system with absorption heat exchanger. <i>Applied Thermal Engineering</i> , 2023, 229, 120585.	6.0	0
17	Comparative study of multiple-mode collaborative operation strategy and traditional heat and power decoupling technologies for cogeneration system based on GTCC. <i>Case Studies in Thermal Engineering</i> , 2023, 49, 103213.	5.7	1
18	Matching Characteristics of CTHP Circulation Systems. <i>Journal of Physics: Conference Series</i> , 2023, 2610, 012040.	0.4	0