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Thermodynamic Analysis of a Gas Turbine Cycle Combined with Fuel Reforming for Solar **Thermal Power Generation** Mingjiang Ni¹, Tianfeng Yang¹, Gang Xiao^{1*}, Dong Ni², Xin Zhou¹, Huanlei Liu¹, Umair Sultan¹, Jinli Chen¹, Zhongyang Luo¹, Kefa Cen¹ ¹ State Key Laboratory of Clean Energy Utilization, Zhejiang University, 38 Zheda Road, Hangzhou, 310027, China ² State Key Laboratory of Industrial Control Technology, Zhejiang University, 38 Zheda Road, Hangzhou, 310027, China Correspondence information: Gang Xiao, PhD, Professor State Key Laboratory of Clean Energy Utilization, Zhejiang University, 38 Zheda Road, Hangzhou, 310027, China xiaogangtianmen@zju.edu.cn, Tel.: +86 571 87953290, fax: +86 571 87951616

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