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Cavness et al.(10) **Pub. No.: US 2022/0352720 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **SYSTEMS AND METHODS FOR
GENERATING AND CONSUMING POWER
FROM NATURAL GAS**(71) Applicant: **Crusoe Energy System LLC**, Denver,
CO (US)(72) Inventors: **Charles Cavness**, Denver, CO (US);
Chase Lochmiller, Castle Rock, CO
(US); **Kenneth Parker**, Denver, CO
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3/0012 (2020.01); **G06Q 2220/00** (2013.01);
H02J 2300/10 (2020.01)(57) **ABSTRACT**

Systems and methods are provided to mitigate flaring of natural gas. A natural gas processing system may process raw natural gas into a fuel gas stream that may be used to power any number of on-site power generation modules. In turn, the power generation modules may convert the fuel gas stream into an electrical output, which may be employed to power any number of distributed computing units housed within one or more mobile data centers. In certain embodiments, the distributed computing units may be adapted to mine cryptocurrency or perform other distributed computing tasks to generate revenue.

