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(Palo Alto, California)--December 18, 2023 Combined Heat and Power (CHP) systems currently deliver over 82 gigawatts of cleaner, cheaper power to more than 4700 industrial, institutional and commercial facilities across the U.S. The EPA estimates 149 gigawatts of additional CHP capacity would reduce emissions by 40 percent over conventional methods. ...

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Sustainability breakthrough for weekly, monthly, or seasonal energy storage dramatically reduces use of scarce water resources, hydrogen fuel, and liquid air storage medium (Palo Alto, California)--July 28, 2021 U.S. Patent No. 11,073,080 entitled HIGH PRESSURE LIQUID AIR POWER AND STORAGE was granted to Dr. William M. Conlon, the founder and ...

Dr. William M. (Bill) Conlon, P.E. is the founder and President of Pintail Power LLC, and inventor of patented liquid air and liquid salt energy storage technologies that bridge renewable and ...

Pintail Power, based in Silicon Valley, says its new patented Dispatchable Solar Combined Cycle technology is the answer. There has been a lot of talk lately about renewable energy not being up to the task of supplying reliable baseload power. The sun doesn't always shine and the wind doesn't always blow, detractors claim, so how can ...

" Pintail Power LLC aims to deliver the least-cost and best-fit solutions for integrating renewable energy with the utility grid to increase efficiency, capacity, flexibility, reliability, and utilization of grid and generation assets. By novel integration of thermal energy storage with gas turbines, our patented and propriety systems provide ...



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Pintail Power is currently working with Southwest Research Institute on a U.S. Department of Energy project to optimize cost and performance. The technology can be added to existing gas turbine power plants of any size, to enable them to store renewable energy and Pintail Power hybrid process technologies offer low-cost, long duration energy ...

Company COMMITMENT TO A LOW-CARBON FUTURE Experience and Skill Our patented and propriety systems provide market-leading fuel efficiency and energy storage economicsPintail Power LLC aims to deliver the least-cost and best-fit solutions for integrating renewable energy with the utility grid to increase efficiency, capacity, flexibility, reliability, and utilization of grid ...

(Palo Alto, California)--July 6, 2021 Adding to an already robust patent portfolio, a new invention enables liquefied air energy storage to deliver vastly more electricity during discharge, enabling improved utilization of renewables at unprecedented scale of tens to hundreds of Gigawatt-hours. U.S. Patent No. 11,053,818 entitled CRYOGENIC COMBINED ...

New invention targets summer capacity needed to assure grid reliability (Palo Alto, California--January 11, 2022) U.S. Patent No. 11,221,177 entitled CRYOGENIC LIQUID ENERGY STORAGE was granted to Dr. William M. Conlon, the founder and president of Pintail Power LLC. This latest patent extends Pintail's Liquid Air Power and Storage (LAPS(TM)) ...

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