



Anguilla pintail power

Pintail Power has announced a new patented technology that combines solar and conventional power generation with molten salt thermal energy storage to deliver low-carbon dispatchable power. The result is the production of more than ten times as much solar energy as in previous Integrated Solar Combined Cycle power plants, delivery of solar ...

Pintail Power | LinkedIn???????268??Transforming thermal generation into flexible, low-carbon, renewable storage solutions | Pintail Power LLC brings the benefits of hybridization to the power industry by developing and patenting technologies that integrate thermal energy storage with thermal power plants. We provide long-duration storage to enable integration of more ...

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The company provides utility-scale storage of renewable or low-cost power, in a scalable, modular, compact and easily sited plant and their dispatchable solar combined cycle (DSCC) adds storage and firm capacity to solar thermal power plants to increase power output and add time-shift capability to the renewable power usage, enabling users to ...

In 2022, the US patent 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)) technology platform to shorter duration applications by using cryogenic liquid air to increase the power output of simple and combined cycle power plants.

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POWER Magazine 12/02/2019 By Pintail Power founder, Bill Conlon, PE, PhD. Low asset utilization is an increasing financial challenge for both conventional and renewable assets, which are sometimes curtailed due to over-generation at various times of day. Integrating large-scale thermal energy storage with combustion turbines in a Liquid Salt ...

(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



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of renewables at unprecedented scale of tens to hundreds of Gigawatt-hours. U.S. Patent No. 11,053,818 entitled CRYOGENIC COMBINED ...

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Pintail Power Combines Solar, CSP, & Conventional Generation Into One Highly Efficient System. Articles / December 7, 2017 . 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 ...

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 president of ...

(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. ... Pintail Power's hybrid technology is the missing linchpin needed to dramatically increase renewable ...

California Energy Storage Alliance (CESA) is a 501c(6) membership-based advocacy group committed to advancing the role of energy storage in the electric power sector through policy development, education, ...

ENERGY SECURITY, ECONOMIC SAVINGS, LOWER EMISSIONS (Palo Alto, California--March 28, 2022) Confronted with accelerated timelines to dramatically reduce carbon by 2030 while maintaining reliability during seasonal and extreme weather events, a new study for the U.S. Department of Energy's National Energy Technology Laboratory (NETL) offers ...

FISHER Flexible Integration of Stored Heat and Electric Resources (FISHER) Pintail Power's FISHER (Flexible Integration of Storage, Heat, and Electrical Resources) is a hybrid generation and storage technology for industrial, institutional and commercial applications. The FISHER system enables Combined Heat and Power (CHP) systems to flexibly produce steam, hot ...



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