

Now is the Time to Lead a Clean Energy Future for Indiana

By Ray Wilson, P.E.



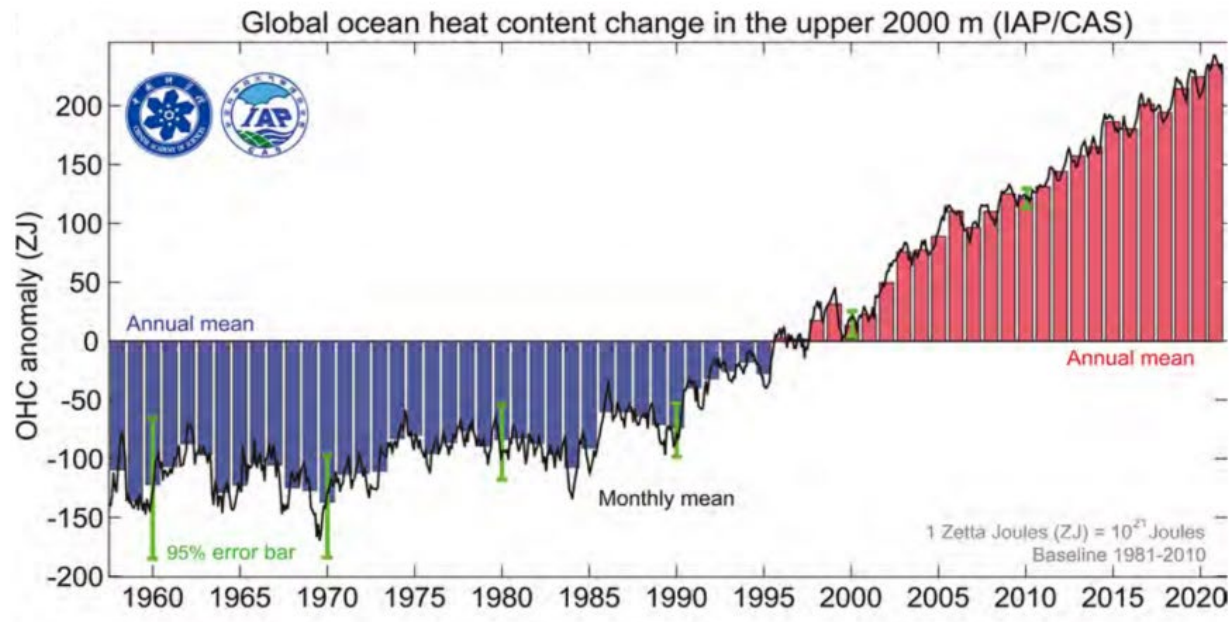
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The Data Speaks



Another Record: Ocean Warming Continues through 2021 despite La Niña Conditions

ADVANCES IN ATMOSPHERIC SCIENCES, 2022 1 ZJ= 10^{21} Joules



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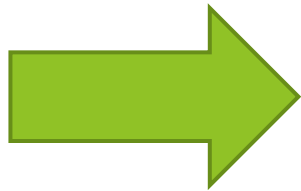


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IRP Must Start With the End in Mind

The end
required



We must **stop
burning fossil fuels**,
and we must do it
as soon as possible



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This IRP Should Include:

- ▶ Close down the Petersburg coal fired generators by 2024
- ▶ Replace the needed capacity with renewable energy and storage
- ▶ Encourage, perhaps even monetarily incentivize, roof top solar for all homes and businesses that have access to the sun. We are going to need renewable energy from everywhere we can get it. Include in calculations the goal of 20,000 systems.
- ▶ Encourage, perhaps even monetarily incentivize, battery storage for these solar systems. We are going to need resiliency built into the system.



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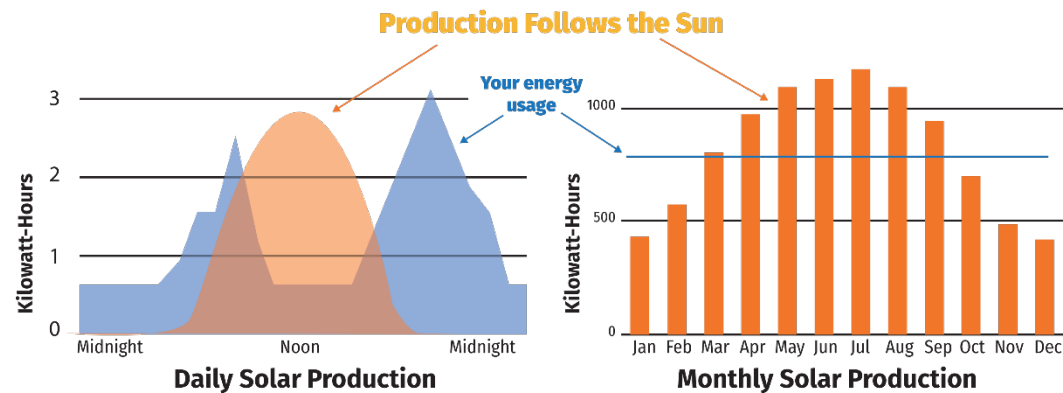
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This IRP Should Include: (continued)

- ▶ Encourage and support community solar systems for those not able to install solar on their property or apartment. Goal of 50 - 100 megawatts
- ▶ Restore full net metering
- ▶ Include a goal and calculations of 50% conversion of gas furnaces and water heaters to heat pumps
- ▶ Close down all gas fired electric generation by 2035



Source: Solar Neighbors United

Bottom Line

- ▶ The earth and humanity as we know it are at stake.
- ▶ This Integrated Resource Plan must include reaching zero burning of fossil fuels within 20 years.
- ▶ Together, this city and AES Indiana can do it!



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Thank you!

- ▶ Please contact me if you have any questions:
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