

Colton Brown

From: Coal City Community Page
Sent: Wednesday, September 30, 2026 6:20 PM
To: Lucas [REDACTED]
Cc: Coal City Community Page
Subject: Re: PUD Mangum Economic report

Good afternoon Luke,

Thank you for reaching out.

Each row in Table 7 (repasted below for reference) is an annual amount, not a cumulative total.

Total Annual New State and Local Tax Revenue

The direct property taxes are shown in column two of Table 7. Coal City sales taxes on purchases of electricity for use at the campus are shown in column three.¹⁰ We report the IMPLAN estimates of local taxes generated by indirect and induced activity supported by the construction and operation of data centers in column four. The sum of those equals the total new local tax revenue, shown in the fifth column. State sales taxes on purchases of electricity for use at the campus are shown in the last column.

Table 7: Total Local and State Tax Revenues from All Phases of the Data Center Campus (in millions)¹¹

Year	Property Taxes Directly Paid on the Data Centers	Coal City Sales Tax on Electricity Purchases	Taxes Generated by Indirect & Induced Activity Supported by the Data Centers	Total Local Tax Revenue	State Sales Tax on Electricity Purchases
2027	\$0.002	\$0	\$1.6	\$1.6	\$0
2028	\$0.002	\$0.3	\$4.8	\$5.1	\$0.5
2029	\$25.1	\$1.8	\$6.6	\$33.5	\$3.2
2030	\$41.4	\$4.1	\$6.9	\$52.4	\$7.2
2031	\$53.0	\$5.6	\$7.3	\$65.9	\$9.7
2032	\$70.8	\$6.7	\$7.1	\$84.6	\$11.7
2033	\$94.9	\$8.2	\$4.8	\$107.9	\$14.4
2034 and after	\$94.9	\$8.8	\$3.1	\$106.8	\$15.4

Sincerely,

Aligned Community Relations

From: Lucas [REDACTED]
Date: Tuesday, September 29, 2026 at 2:20 PM
To: Coal City Community Page <coalcity@aligneddc.com>
Subject: PUD Mangum Economic report

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Hello,

I am looking for some more information on table 7 of the Mangum Economic Fiscal Contribution Report. Are the columns separate? As in column 2 is the total estimated property tax paid that year? Or is this a running total of estimated property taxes starting in 2027?

V/r,

Luke 

Subject: Re: Studies
Date: Tuesday, June 9, 2026 at 9:26:44 AM Central Daylight Time
From: Coal City Community Page
To: [REDACTED]
CC: Coal City Community Page

Thank you for reaching out, Donna.

We conduct many of the types of studies you referenced as a standard part of our development process, submitting them directly to the planning department as required by code. These assessments are designed to ensure our projects meet or exceed all local zoning ordinances and applicable environmental standards. Once officially filed and reviewed, the documents are typically made available to the public, as required by code, through the city's regular planning and approval process.

Best regards,

-Aligned Community Relations

From: Donna [REDACTED]
Date: Saturday, June 6, 2026 at 5:31 AM
To: Coal City Community Page <coalcity@aligneddc.com>
Subject: Studies

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I would like to know if Aligned Data has commissioned any third party studies on the following regarding the Coal City site? If so, please forward. If not, I would appreciate any third party studies Aligned has commissioned on the following. Please specify whether the study is site specific.

Requested Studies:

- **Air Quality & Emissions Modeling**
- **Sewer & Wastewater Discharge Assessment**
- **Acoustic, Vibration & Infrasound Assessment**
- **Visual Impact & Viewshed Assessment**
- **Shading & Shadow Analysis**

- **Ambient Light & Wildlife Disruption**
- **Urban Heat Island (UHI) & Thermal Discharge Air Modeling**
- **Grid Capacity & Utility Impact Assessment:**
- **Radio Frequency Interference (RFI) Study**
- **Traffic, Logistics, & Environmental Justice (EJ) Analysis**

Sincerely,
Donna

Colton Brown

From: Coal City Community Page
Sent: Monday, August 10, 2026 4:23 PM
To: Donna [REDACTED]
Cc: Coal City Community Page
Subject: Re: Coal City Project

Good afternoon Donna,

We appreciate your patience. Please see the requested responses below:

1. **Which number is the Village being asked to reserve in utility capacity: the 17,000 GPD narrative baseline or the 72,600 GPD peak engineering load?**

Request for water utility capacity would be based on the average daily water use for the campus and not the peak demands. Peak demands are typically listed and used for pipe sizing and fire protection design purposes.

2. **If the closed-loop system uses no water for routine cooling, why does mechanical peak demand require 20,760 gallons of water per day across the 9 buildings?**

The listed mechanical demands for the building are not related to operational cooling. The mechanical demands within the utility use memo were provided to include any administrative area water usage. The typical mechanical components that use water are traditional internal air humidifiers and hose bibs.

3. **Where is that unreturned 15,000+ gallons per day going if it isn't evaporating or being consumed?**

The unreturned water consumption is accounting for traditional interior air humidification.

Sincerely,

Aligned Community Relations

From: Donna [REDACTED]
Date: Friday, August 7, 2026 at 2:24 PM
To: Coal City Community Page <coalcity@aligneddc.com>
Subject: Re: Coal City Project

Are you able to answer my questions?

On Fri, Jul 31, 2026, 10:40 AM Donna [REDACTED] wrote:
Can you answer the following questions based on your PUD submittal to Coal City?

Water Usage

The Issue: Your project narrative states that "only 17,000 GPD is required" for the whole campus, but Table 2 models a Max Day Demand of 72,600 GPD (which totals 26.5 Million Gallons/Year).

Question: Which number is the Village being asked to reserve in utility capacity: the 17,000 GPD narrative baseline or the 72,600 GPD peak engineering load?

Mechanical Cooling & Evaporation

The Issue: Your narrative claims a "waterless / non-evaporative" system, yet Table 2 explicitly budgets 20,760 GPD for Mechanical Max Day Demand.

Question: If the closed-loop system uses no water for routine cooling, why does mechanical peak demand require 20,760 gallons of water per day across the 9 buildings?

The Issue: Comparing Table 2 (72,600 GPD water in) to Table 5 (57,126 GPD wastewater out), there is a daily deficit of 15,474 GPD (~5.65 million gallons per year).

Question: Where is that unreturned 15,000+ gallons per day going if it isn't evaporating or being consumed?

Thanks

Donna [REDACTED]

On Wed, Jul 29, 2026, 8:36 AM Coal City Community Page <coalcity@aligneddc.com> wrote:
Hello Donna,

Thank you for your follow-up question. Because Illinois is an open energy market, the power is sourced from various independent energy suppliers. ComEd does not make the electricity, it maintains the local grid and delivers that power safely to the community and local businesses.

Sincerely,

Aligned Community Relations

From: Donna [REDACTED]
Date: Tuesday, July 21, 2026 at 7:55 AM
To: Coal City Community Page <coalcity@aligneddc.com>
Subject: Re: Coal City Project

You have an agreement with Com Ed not Constellation energy so elaborate on this statement "The site is also unique, nationally, in that existing adjacent transmission infrastructure connects to multiple zero-carbon nuclear plants"

Thanks

On Tue, Jul 21, 2026, 5:05 AM Coal City Community Page <coalcity@aligneddc.com> wrote:
Thank you for raising these important questions, Donna. Our team has gathered the following information to address each of your points:

Your website claims you build on brownfield sites. Why then are you choosing to build on viable agricultural land versus a brownfield site in Coal City?

Coal City's leadership has championed local economic growth by establishing clear industrial zoning for the site. Aligned would be building in accordance with the long-term land-use plan already established by local leadership. The site also sits within an existing Tax Increment Financing (TIF) district, meaning it has been strategically targeted by the community for economic development and commercial investment. The site is also unique, nationally, in that existing adjacent transmission infrastructure connects to multiple zero-carbon nuclear plants, allowing Coal City and Grundy County to directly benefit from power that had previously been exported.

Data centers are the economic engines that generate substantial tax revenues on a relatively small physical footprint. We are excited at the prospect of investing in a region that offers such a powerful combination of critical infrastructure, skilled talent, and forward-thinking leadership.

You claim, "Aligned powers its operations with 100% renewable energy across America." However, the grid is powered by coal, natural gas, solar, wind, & nuclear. You will not be directly connecting to wind and solar so how is that possible? I understand you buy Green Renewable Energy Certificates but that is not the same as directly drawing from only renewable sources.

Once electricity is generated - whether by a solar farm, a nuclear plant, or a coal facility - it all flows into the same shared grid. Because of this, no facility connected to the electrical grid can dictate exactly which physical "electrons" enter its building.

When we state that we power our operations with 100% renewable energy, it means that for every single megawatt-hour (MWh) of electricity our campuses pull from the shared grid, we purchase and retire an equivalent amount of renewable energy that is added to the grid on our behalf. By purchasing 100% renewable energy through verifiable, industry-standard mechanisms, we ensure that our energy footprint is entirely offset by zero-carbon generation.

How many tier 4 generators are stored on site at full build out? What is the estimated air pollution impact on nearby neighborhoods during a power outage?

Comprehensive specifications for the site's backup power generation equipment will be detailed in our upcoming Planned Unit Development (PUD) submission. All equipment will strictly adhere to Illinois Environmental Protection Agency (IEPA) emissions and operational regulations.

Backup power generation equipment is used exclusively for emergency situations to ensure operational resiliency, never to supply primary power to the campus. While routine testing and maintenance are necessary, these runs are strictly controlled, brief, and conducted in full compliance with all state and federal regulations.

What is the projected decibel (dB) level at the property line during peak summer cooling hours?

A comprehensive sound study will be provided in our forthcoming PUD submission. This site will be in compliance with all local and state ordinances.

What is the projected ambient air temperature during peak summer days?

Aligned conducts comprehensive thermal modeling for all project designs to ensure optimal and operational performance. A comprehensive thermal analysis will be completed as part of our building design and permit package.

Do you plan on holding a question and answer session with the community before the project goes to the Village Board?

We plan to host a question-and-answer session following the formal submission of our PUD

Do you have future development or expansion plans for Coal City?

Not at this time.

Sincerely,

Aligned Community Relations

From: Donna [REDACTED]
Date: Friday, July 10, 2026 at 10:02 AM
To: Coal City Community Page <coalcity@aligneddc.com>
Subject: Coal City Project

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Your website claims you build on brownfield sites. Why then are you choosing to build on viable agricultural land versus a brownfield site in Coal City?

You claim, "Aligned powers its operations with 100% renewable energy across America." However, the grid is powered by coal, natural gas, solar, wind, & nuclear. You will not be directly connecting to wind and solar so how is that possible? I understand you buy Green Renewable Energy Certificates but that is not the same as directly drawing from only renewable sources.

How many tier 4 generators are stored on site at full build out? What is the estimated air pollution impact on nearby neighborhoods during a power outage?

- What is the projected decibel (dB) level at the property line during peak summer cooling hours?
- What is the projected ambient air temperature during peak summer days?
- Do you plan on holding a question and answer session with the community before the project goes to the Village Board?

Do you have future development or expansion plans for Coal City?

Sincerely,

Donna [REDACTED]