

1. Water

Cooling loop volume, discharge, additives and drought

1. What is the total fill volume in gallons for all buildings combined at full build-out, and how many separate fill events happen across the construction period?
2. On the hottest day of the year, does the cooling system use any water beyond the sealed loop, and if so, how many gallons on average?
3. Are there any other circumstances in which the system consumes water beyond the sealed loop, and if so, how much?
4. Where did the figure of roughly 50,000 gallons per day come from? Is it an estimate, an average, or a guaranteed maximum? The Village FAQ describes that usage as being for "normal office purposes (breakrooms/restrooms/etc.)" only. Does that figure account for anything else?
5. What chemical additives are used in the closed loop, and what are the handling and disposal requirements for the spent fluid?
6. How often does the closed loop need to be drained, and where does the drained water go? What exactly is discharged during a flush-and-fill or drainage event?
7. What discharges, if any, are permitted or planned from the cooling and stormwater systems, and what groundwater monitoring plan will be in place to detect any impact?
8. What stormwater and cooling-system runoff controls are planned for the site (containment, treatment, and monitoring)?
9. How does the facility monitor for leakage from the loop?
10. Will the campus use any water besides the municipal supply?
11. During drought conditions, when Grayslake residents are asked to conserve water, is T5 restricted too?

2. Electricity and the grid

Capacity obligation, cost allocation and who ultimately pays

1. What ComEd/PJM grid upgrades are required to accommodate T5? At what cost?
2. T5 says in advertisements that data centers are "billed in their own rate class". Is that rate higher than, lower than, or the same as consumer rates?
3. ComEd typically recovers infrastructure costs from its ratepayers. On what basis is the claim of a \$0 increase for residents made? What does the campus pay toward regional capacity and transmission costs — the utility costs most likely to be recovered through higher consumer rates?
4. Is T5's statement that they are "committed to paying their full share" written into any legally binding agreement? Does that commitment also apply to T5's customers, or only to T5 itself?

3. Sound and infrasound

Modeling, monitoring and what neighbors will actually hear

1. Has a noise study been conducted, and is it publicly available?
2. "Often quieter than traffic on Peterson Road" is not "always quieter than." Under what operating conditions is the facility louder than the stated comparison? What is T5 using as its reference decibel level for traffic on Peterson Road?

3. What are the modeled sound levels (dBA and octave-band/low-frequency) at the nearest homes and schools, for both daytime and nighttime operation?
4. What is the continuous (Leq) sound level during normal 24/7 operation, measured at the property line and at the nearest residences? Please report both A-weighted (dBA) and unweighted/low-frequency octave-band levels.
5. Do the modeled figures include generator testing and emergency operation?
6. Were infrasound levels considered, and if so, what levels were deemed acceptable?
7. What monitoring is planned for audible sound and for infrasound, and who will conduct it?

4. Diesel generators and air quality

Backup power, testing regimes and emissions

1. Backing up 1.2 GW of capacity requires roughly 468 standby diesel generators at 3.25 MW each. Is that figure correct, and if not, what is the actual count and rating? Are they all Tier 4 generators?
2. There are statutory limits on how often diesel backup may be tested. What is the planned testing schedule, and what are the resulting annual emissions?
3. What air permits are required for the generator fleet, and have they been applied for?

5. Battery storage and fire risk

BESS scale, thermal runaway and emergency response

1. Backing up 1.2 GW with 4 MW battery units implies a very large Battery Energy Storage System. How many units will be installed, of what chemistry, and at what total capacity?
2. Will the BESS units be indoors or outdoors? If indoors, what containment measures are planned?
3. What separation distances and containment measures are planned between BESS units and the nearest homes?
4. Lithium batteries in thermal runaway generate their own oxygen and generally must be left to burn out. What is the emergency plan for such an event?
5. How prepared are regional fire departments to handle large-scale incidents involving the data center, and what training and equipment will be provided? Who pays for it?

6. Jobs

What "up to 1,500" means, and who actually gets hired

1. Is "up to 1,500" a number added each year, or the total across all years combined? Is 1,500 a count of jobs or of job-years?
2. How many permanent jobs filled by Lake County residents will this project create, and at what median salary? How many of the local Lake County jobs require specialized skills or credentials?
3. How many of the proposed jobs are direct employees of this project rather than contractors?
4. Does the "up to 1,500" count include temporary construction jobs?
5. How many actual construction jobs filled by local labor are planned for each year, including this year?
6. How many of those construction jobs are union and how many non-union?
7. "Up to" sets a ceiling, not a floor, and a single job clears it. What is the minimum number of jobs T5 is committing to?

7. Revenue and fiscal risk

The \$1.4B claim, abatements, and what happens if the project fails

1. What abatements have been granted to T5 or applied for? For how many years?
2. Who is responsible for demolition or site restoration if the campus is abandoned?
3. Has T5 given Grayslake any guarantees on the number of buildings that will be built such that Grayslake can rely on a specific amount of tax revenue income?

8. Wetlands and permitting

The suspended Section 404 application

1. Suspended is not withdrawn. What conditions would cause the wetland permit application to resume?
2. Does the current site plan still depend on that permit?
3. What wetland acreage is affected, and what mitigation is proposed?

9. Process, notice and transparency

How the approval happened and what was disclosed

1. Were the technical studies referenced in the special use permit approval published for public comment before the Village Board's vote? If not, why not, and are they available now?
2. Was a construction/development notice sign posted at the site? If so, when and where; if not, why not?
3. What specific outreach — direct mailings, meetings, or notices — was directed at Saddlebrook Farms residents before the special use permit was granted, and on what dates?

10. Accountability and enforcement

What happens if reality differs from the projections

1. Are any of the public commitments — on water, sound, emissions or jobs — written into a binding agreement with the Village?
2. What monitoring and reporting will T5 be required to provide to the Village, and at what frequency? What independent agency will do the monitoring?