

## RESOLUTION NO. 38 OF 2026

### A RESOLUTION URGING DATA CENTER OPERATORS IN CADDO PARISH TO ADOPT RAINWATER HARVESTING AND ADVANCED WATER DISCHARGE FILTRATION, AND OTHERWISE PROVIDING WITH RESPECT THERETO.

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**WHEREAS**, Caddo Parish is host to a growing number of large-scale data center facilities, including facilities proposed or under development by Amazon Web Services; and

**WHEREAS**, a single hyperscale data center can consume three to five million gallons of water per day, and U.S. data centers collectively consumed an estimated 17.4 billion gallons in 2023, a figure projected to nearly double by 2028 as artificial intelligence workloads expand; and

**WHEREAS**, newer cooling approaches including direct liquid cooling and air-side economization can reduce on-site water consumption dramatically, and Amazon Web Services has publicly committed to becoming water positive by 2030; rainwater harvesting remains a sound practice for whatever water is consumed regardless of the cooling method used; and

**WHEREAS**, the City of Shreveport operates water and sewer infrastructure subject to a federal Consent Decree entered in 2014, and adding large industrial water consumers without mitigation could further burden a system already strained by deferred maintenance; and

**WHEREAS**, Shreveport averages 47 to 52 inches of rainfall per year, well above the national average, and Louisiana is the second-wettest state in the nation; the large flat rooftops of hyperscale data centers are well suited for collection at scale, with a 50,000-square-foot roof capturing roughly 31,000 gallons from a single inch of rain; research documents that rainwater harvesting can reduce freshwater consumption by 50 to 70 percent where implemented; and

**WHEREAS**, water discharged from cooling systems carries biocides, phosphonates, benzotriazole, and other chemical additives that can degrade drinking water quality and harm aquatic life if discharged without adequate treatment; and

**WHEREAS**, the Caddo Parish Commission welcomes responsible economic development but holds a duty to the residents and environment of this Parish, and believes good corporate citizenship requires concrete steps to limit the environmental impact of large industrial operations on the communities that host them;

**NOW, THEREFORE, BE IT RESOLVED** by the Caddo Parish Commission, meeting in legal and regular session this \_\_\_\_\_ day of \_\_\_\_\_, 2026, that it hereby urges all data center operators in Caddo Parish to incorporate rainwater harvesting systems into the design and operation of their facilities as part of responsible water stewardship and good neighborliness toward this community.

**BE IT FURTHER RESOLVED** that the Commission urges all such operators to ensure that cooling water, blowdown water, and other process water discharged from their facilities is treated to remove dissolved solids, chemical additives, and other pollutants to levels consistent with applicable federal, state, and local water quality standards.

**BE IT FURTHER RESOLVED** that the Commission urges the North Louisiana Economic Partnership, the Caddo-Bossier Port Commission, the City of Shreveport, and other public economic development entities to include rainwater harvesting requirements and discharge standards in any agreements or incentives provided to data center developers.

**BE IT FURTHER RESOLVED** that a copy of this resolution shall be transmitted to each data center operator with a pending or active development in Caddo Parish, to the North Louisiana Economic Partnership, to the Mayor of the City of Shreveport, to the Louisiana Department of Environmental Quality, and to the Caddo Parish legislative delegation.

**BE IT FURTHER RESOLVED** that this resolution shall take effect immediately upon adoption.

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