SAMPLE REPORT – FICTIONAL SITE FOR ILLUSTRATION ONLY

DYORUSA · POWER FEASIBILITY STUDY

Power Feasibility Study

The next best thing to a utility load study.

SITE NAME

Example Industrial Tract

ADDRESS / PARCEL ID

100 Sample Road, Example County, GA

PREPARED FOR

Sample Client

REPORT DATE

Sample date

STUDY NUMBER

PFS-SAMPLE

TARGET MW

100 MW

Prepared by 12 Stone Development Group for DYORUSA

This is an independent pre-screen estimate, not a utility load study or interconnection approval. Final capacity is determined only by the utility. Estimates are based on public filings, transmission and substation data, and comparable sites as of the report date.

SAMPLE REPORT – FICTIONAL SITE FOR ILLUSTRATION ONLY

1 FEASIBILITY VERDICT

VERDICT

Viable with upgrades

REALISTIC MW TODAY	BEST PATH TO TARGET MW
5 MW	Example Electric Co-op with new 230 kV substation

ESTIMATED TIME TO POWER	BIGGEST OBSTACLE
30–36 months	Transmission queue backlog

PLAIN-LANGUAGE SUMMARY (2–4 SENTENCES)

Example Industrial Tract can get about 5 MW today from Example Electric Co-op on existing distribution. Feeder and transformer upgrades could raise that to 20 MW in 12–18 months. Reaching the full 100 MW requires a new 230 kV substation and tap, realistic in 30–36 months. The transmission queue backlog is the biggest risk to that timeline.

2 SITE FACTS

ADDRESS / PARCEL	COUNTY AND STATE
100 Sample Road, Example County, GA	Example County, GA

ACREAGE	ZONING	EXISTING BUILDINGS
250 acres	Heavy industrial	None

EXISTING ELECTRIC SERVICE	LISTING SOURCE
None	—

LOCATION MAP



3 POWER PROVIDERS SERVING OR NEAR THE SITE

List every provider that serves or could serve the site. Type: investor-owned, co-op, municipal, or transmission. Serves site: yes, adjacent, or no.

PROVIDER	TYPE	SERVES SITE	NOTES
Example Electric Co-op	Electric co-op	Yes	Serves the site; best path to target MW
Example Power Company	Investor-owned	Adjacent	Adjacent territory

SAMPLE REPORT – FICTIONAL SITE FOR ILLUSTRATION ONLY

PROVIDER	TYPE	SERVES SITE	NOTES
Example Transmission Corp	Transmission owner	No	Owns transmission in the area

4 NEARBY SUBSTATIONS AND TRANSMISSION LINES

NAME	OWNER	VOLTAGE	DISTANCE	CAPACITY NOTES
Sample Creek Substation	—	115 kV	2.1 mi	—
Example 230 kV line	—	230 kV	3.4 mi	Candidate for new substation tap

5 POWER ESTIMATES BY TIER

TIER	MW	WHAT IT TAKES	TIMELINE	CONFIDENCE
Tier 1 – Available today	5 MW	Existing distribution	6 months	High
Tier 2 – With distribution upgrades	20 MW	Feeder and transformer upgrades	12–18 months	Medium
Tier 3 – With new transmission	100 MW	New 230 kV substation and tap	30–36 months	Medium

6 KNOWN OBSTACLES

MORATORIUMS

—

ZONING

County reviewing data center zoning rules

INTERCONNECTION QUEUE

Transmission queue backlog

WATER

Water system limited to 0.5 million gallons per day

OTHER

—

7 CONTACTS

Each utility, the county, economic development, and the listing broker.

ORGANIZATION	NAME	TITLE	PHONE
Example Electric Co-op	Jane Example	Key Accounts Manager	555-555-0101
Example County	John Sample	Economic Development Director	555-555-0102

SAMPLE REPORT – FICTIONAL SITE FOR ILLUSTRATION ONLY

8 RECOMMENDED NEXT STEPS

STEP 1

Call the co-op key accounts manager to request a formal load study.

STEP 2

Contact the Example County economic development director about the data center zoning rules under review.

STEP 3

Confirm water supply needs against the 0.5 million gallons per day system limit.

STEP 4

—

STEP 5

—

How to request a formal load study from each provider

PROVIDER	HOW TO REQUEST A FORMAL LOAD STUDY	CONTACT
Example Electric Co-op	Call the key accounts manager to request a formal load study	Jane Example, 555-555-0101

9 OPEN QUESTIONS

OPEN QUESTIONS

—

10 SOURCES AND DISCLAIMER

#	SOURCE	DOCUMENT / LINK	DATE ACCESSED
1	Fictional sample data for illustration only	—	—

This is an independent pre-screen estimate, not a utility load study or interconnection approval. Final capacity is determined only by the utility. Estimates are based on public filings, transmission and substation data, and comparable sites as of the report date.