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APR 19 2005

Missouri Public
Service Commission

Exhibit No. 112
Case No(s). EA-2005-0248
Date 3-29-05 Rptr TU

CT Installation Chronology

3/15/04: Tentative Agreement on Waltmire land.
3/15/04: Developed substation team.
3/15/04: Work Order submitted for purchase of land.
3/25/04: Land purchase agreement signed (9/24/04 option date).
3/26/04: Air Permit submitted to MoDNR.
4/12/04: SEGA LNTP issued for procurement.
4/21/04: Air Permit submitted from MoDNR to EPA for review.
4/25/04: Warranty on unit 1 expired (negotiating extension).
4/26/04: Target date for Zoning application.
4/26/04: Aquila Board approved Project \$140MM.
5/10/04: Meeting with Harrisonville Administrator (Project details).
5/12/04: Community Meeting in Harrisonville.
5/13/04: Open House at Greenwood.
5/17/04: Special Meeting target date for Zoning.
5/18/04: Investigated North Lake alternate site (proposed by City).
5/19/04: City Council Meeting (Aquila work session presentation).
5/24/04: Blackwell Legal to decide Zoning or Special Use Permit.
5/28/04: Meeting with Rex Rector (house to house visits).
6/01/04: Aquila investigated additional land around site.
6/01/04: Blackwell white paper determining SUP / right-to-build.
6/02/04: SEGA provided Site Re-evaluation study.
6/07/04: City Council Meeting (Home owners work session).
6/09/04: Cass County Fire District annual meeting (presentation).
6/10/04: Meeting with Cass County Commission to provide details.
6/15/04: Meeting with Harrisonville Electrical Superintendent.
6/16/04: Discussed Air Permit for North Lake alternate site.
6/16/04: Special Use Permit filed.
6/22/04: Air Permit Draft sent to Burns & McDonnell for review.
6/23/04: Meeting with Aquila/SEGA and Water District 9.
6/26/04: Air Permit Public Notice.
7/6/04: Contacted by Economic Development that Peculiar has located a site for Aquila to evaluate for the CT Project.
7/07/04: Financial meeting with School Superintendents.
7/07/04: Internal planning session for SUP hearing.
7/13/04: Special Docket Hearing (Cass County Planning Board).
7/19/04: Meeting with Blackwell to determine BZA strategy.
7/23/04: Glenn Keefe / Dave Kreimer met with Gary Mallory (Cass County).
7/29/04: Air Permit Public Hearing (National Guard Building 7pm).
8/04/04: Gary Clemens met with Todd White (Harrisonville School Supt.).
8/10/04: Met with landowner at Peculiar site (adjacent to compressor station).
8/10/04: SEGA/Burns & McDonnell/Block walked the Peculiar site.
8/10/04: Discussions with Peculiar City Manager: Annexation/Re-Zone.
8/10/04: Leroy Lutes indicated that Peculiar site transmission was clean.

8/11/04: SEGA/Burns & McDonnell/Block walked the Raymore site.
8/11/04: Bruce Reed met with Peculiar site land owner (terms reached).
8/11/04: Leroy Lutes met with DOT to discuss Raymore ROW issues.
8/16/04: SEGA site layouts ready for Burns & McDonnell to address permit.
8/19/04: Keefe, Rooney, Dawson met with School Superintendent (Peculiar).
8/20/04: Fuel conference call (Krepps, Lutes, GSS, EPC, others).
8/21/04: Peculiar Council Work Session (Aquila Presentation, Greenwood tour).
8/21/04: Peculiar has a letter ready to send to Annex the road and property.
8/27/04: Met with Good/Otis and Dawson, discussed Raymore parcel and price.
8/30/04: Environmental ready to submit air permit application.
9/2/04: The closest homeowner at the Raymore site toured Greenwood.
9/3/04: Complete GeoTech at Peculiar.
9/3/04: Contract delivered to Bremer. Expect Legal review 9/7/04.
9/7/04: Peculiar City Council passed a resolution to support the project and approve the \$150MM economic package.
9/7/04: PSC Notification of Project.
9/7/04: Steve Murray to make notifications.
9/8/04: Placed transmission pole order.
9/8/04: Complete Contract on land purchase.
9/8/04: Effertz land for Substation (discussion meeting).
9/9/04: Chapter 100 pre-meeting: Armstrong, Rooney, Hedrick; will add Denny.
9/10/04: Bremer signed contract.
9/10/04: Air Permit assignment application.
9/10/04: Chapter 100 negotiations (Sid Douglas/Davis Rooney/Randy Miller).
9/14/04: Chamber of Commerce (Community Meeting).
9/15/04: Open House (Greenwood).
9/15/04: Effertz/ Barber Meeting.
9/21/04: Chapter 100 meeting with City representatives.
9/25/04: Mayors Breakfast (to gain support for the project).
9/27/04: Water coordination with District 7.
9/28/04: Chapter 100 follow-up meeting with the City.
9/28/04: Board of Aldermen Meeting (Harper Road Annexation 1st Reading).
10/1/04: Greenwood Tour (7 surrounding home owners).
10/4/04: Receive Grading Permit notification from County.
10/8/04: Joint Session advertised locally for 10/26 meeting.
10/11/04: Award Civil Work.
10/11/04: Public Information Meeting in Peculiar.
10/12/04: Greenwood Open House.
10/14/04: Mobilized South Harper Site, began grading.
10/19/04: Board of Aldermen 1st reading on Bremer (passed 6-0).
10/19/04: Board of Aldermen 2nd reading on Road (tabled).
10/21/04: Aquila/SEGA prepared Development Plan.
10/22/04: Air Permit Public Notice.
10/23/04: City Council Special Meeting (annexation-no, Chapter 100-yes).
11/05/04: Meeting with Cass County/Peculiar (Stamm, Keefe, Bailey, Thompson, Fisher, Mallory, Moore).

11/08/04: Opposition filed suit against the City to stop Chapter 100.
11/10/04: Meeting with Ray-Pec School Superintendent.
11/15/04: Opposition filed suit against Aquila to stop power plant.
11/22/04: Air Permit Hearing (Peculiar).
12/02/04: County filed suit against Aquila for TRO and Injunction.
12/02/04: Cass County cancelled a meeting set for this date.
12/03/04: Building Permit submitted to Cass County.
12/06/04: PSC Chapter 100 Notification.
12/07/04: Aquila/County/Opposition Attorneys meeting with Judge Dandurand.
12/07/04: AZCO awarded installation contract.
12/07/04: Board of Aldermen approved Economic Development Package.
12/08/04: Construction Trailers mobilized to site.
12/10/04: Peculiar meeting with Judge Dandurand.
12/14/04: AZCO/Siemens/SEGA/Aquila Kick Off meeting.
12/21/04: City of Peculiar met with Judge Dandurand (ruled in favor of City).
12/28/04: Peculiar Board of Aldermen approved Chapter 100 Documents.
12/29/04: Received Air Permit Assignment from MoDNR.
1/5-6/05: Hearing with Judge Dandurand (ruled against Aquila).
1/14/05: Lin Appling with PSC visited Greenwood & South Harper.
1/19/05: Obtained building permits for temp power and Capital Electric Building.
1/19/05: Keith Stamm in Jefferson City (PSC) items.
1/20/05: Tested Southern Star Compressor Station for suitability.
1/24/05: Substation: ground grid and duct bank (conduit) installation begins.
1/26/05: Fire Pipe fabrication/installation.
1/27/05: Reviewed Heavy Haul details with Robert Leeper (Cass County).
2/03/05: Water District 7 installed meter Vault.
2/10-11/05: Set poles for permanent power (Osage and Aquila).
2/14/05: Appeal Brief filing.
2/15/05: Major concrete pour (unit 3 foundation).
2/22/05: Major concrete pour (unit 2 foundation).
2/28/05: Major concrete pour (unit 1 foundation).
3/03/05: Unit 3 Generator set on foundation.
3/10/05: Unit 3 Turbine set on foundation.
3/14/05: Respondent's brief due.
3/15/05: PSC Public Hearing in Harrisonville.
3/21/05: Appellant's brief due.

Hedrick, Terry

From: Hedrick, Terry
Sent: Sunday, March 20, 2005 6:02 PM
To: Empson, Jon; Keefe, Glenn; Williams, Denny; Lutes, Leroy
Cc: Chris Rogers (E-mail)
Subject: External Public Notifications and Advertorials and Q&A's



Information to Public

Terry S. Hedrick
816/737-7854

Hedrick, Terry

From: Hedrick, Terry
Sent: Friday, February 25, 2005 11:10 AM
To: Empson, Jon
Cc: Keefe, Glenn
Subject: Information to Public

Jon:

Attached are the publications for open house and communications to the public.



Chronology Summary
12.14.04

The Chronology Summary was updated to include the Chamber of Commerce meeting on 9/14/04.

News Release issued 10-6-04:



MO- Peculiar facility
-10-06-0...

Answers provided to KC Star on 10-29-04:



KCSTAR QAs
10-29-04 .doc

Open House ad published in The Belton Star Herald and The Raymore Journal on 10-7-04:



CC-329-04 Peculiar
Ad_B.pdf

Full-age advertorials published in The Cass County Democrat Missourian, The Belton Star Herald and The Raymore Journal:



Advertorial #1
12-02-04.pdf



Advertorial #2
12-09-04.pdf



Advertorial #3
12-16-04.pdf



Advertorial #4
01-27-05.pdf

Website:

https://networks.aquila.com/south_harper/

Letter delivered to residents in immediate area 10-14-04:



Letter to Peculiar
residents 1...

I do not have the attendance sheets from the open house meetings, however, I have requested them from External Affairs.

How did we advertise the open houses and how many attended each time? Didn't we also present to the chamber and was there an article in paper? Trying to understand how visible we were before we started building. Thanks.

-----Original Message-----

From: Hedrick, Terry [mailto:Terry.Hedrick@aquila.com]
Sent: Thu Feb 24 09:47:51 2005
To: Empson, Jon
Cc: Keefe, Glenn
Subject: RE: South

Jon:

I am at South Harper this morning for a Heavy Haul Meeting. I am leaving to pick up Glenn and go down to 20W9th to meet with Keith at 11:30am.

However, the attachment gives some general dates showing some of the steps taken. There were other items such as site survey, and environmental survey that also took place in the evaluation. I can provide additional detail as required.

-----Original Message-----

From: Empson, Jon

Sent: Wednesday, February 23, 2005 8:59 PM

To: Hedrick, Terry

Subject: South

Do you have a summary of all the steps we took before committing to build at south harper? I know we had chamber meetings, tours, meetings with neighbors, etc. Can you send to me? Thanks.

Jon Empson



Aquila

News Release

Media Contacts:

Al Butkus (816) 467-3616

Media Relations (816) 467-3000

**AQUILA CONSIDERS SITE IN PECULIAR
FOR ECONOMIC DEVELOPMENT PROJECT**
Informational meeting set for October 11

KANSAS CITY, MO, Oct. 6, 2004 – Aquila, Inc. today said that it is investigating a joint economic development project with the City of Peculiar involving the construction of a new peaking power facility on a 74-acre site southwest of the city.

“Over the years this facility would bring millions of dollars to our community that would provide important funding for the development of our city, Cass County and the Raymore-Peculiar R-II School District,” said Peculiar Mayor George Lewis.

The company also announced that it will hold a public information meeting for those interested in learning about the proposed project on Monday, Oct. 11, at the Peculiar Lions Club Building, 500 Shug Ave., from 6 p.m. to 7 p.m. In addition, the company will hold a tour and an informational meeting, Tuesday, Oct. 12, at Aquila’s Greenwood Energy Center from 6 p.m. to 7:30 p.m.

The proposed facility in Peculiar also would bring new jobs to the community. More than 80 workers would be used in the construction phase, which could begin in mid-October and be completed by June 2005. As much as possible, Aquila would use area firms during the construction phase. While the facility would be highly automated, it may have up to nine full-time employees.

The facility would be a 315-megawatt natural gas-fired peaking facility. One megawatt of power is enough electricity to serve approximately 1,000 homes. It is called a peaking facility because it operates only about 30 percent of the year, usually in the summer when air conditioning needs dramatically increase the demand for electricity. Aquila will spend approximately \$140 million building the facility.

- more -

"We are very pleased that the Peculiar community is interested in partnering with us on this proposed project," said Glenn Keefe, vice president for Aquila's Missouri operations. "It has been our privilege to provide electric service to Peculiar residents and businesses. Now we also have an opportunity to have a key facility in the community. It is our goal to be a valuable and active community citizen."

Detailed information about the proposed peaking facility will be presented at the Oct. 11 public information meeting, as well as the Oct. 12 tour of the nearby Greenwood peaking power facility. The Greenwood facility is similar to the proposed new facility. Directions to the Greenwood facility will be available at the public information meeting, at Peculiar City Hall, or by phoning 816-737-7655.

The site for the proposed facility is near 243rd Street and South Harper Road. Three gas-fired turbines would be used to generate the electricity and the facility would include three 70-foot stacks. Plans call for the facility to be landscaped with rolling mounds of grass and trees so that it blends with the surrounding rural atmosphere.

The facility would meet or exceed all federal and state air emission regulations and the company would provide regular emission data to appropriate federal and state agencies. Similar facilities emit no more pollution than a diesel-powered pick-up truck traveling 35 to 50 miles per hour. Noise levels during operation will be minimal and meet all requirements.

Based in Kansas City, Mo., Aquila operates electricity and natural gas distribution utilities serving customers in Colorado, Iowa, Kansas, Michigan, Minnesota, Missouri and Nebraska. The company also owns and operates power generation assets. More information is available at www.aquila.com.

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1. Why should Cass County residents care about a new power plant?

The economy of any community, state, and even the nation, depends on reliable electric service. Cass County is growing, and having adequate infrastructure to deliver reliable electricity is an asset to a community in attracting new economic development. This plant is needed to provide reliable, low-cost electric service in the Cass County growth area.

The lessons of California and the blackout in the Northeast are important. Californians, for example, opposed building plants in their state, and for a number of years, California continued to transport vast amounts of power from out of state. This weakens the overall grid and voltage structure, placing more stress on the electrical system and results in a high potential for blackouts that disrupt lives and businesses. Businesses can't operate without reliable energy service and will look elsewhere to re-locate.

In addition to the benefits of increased electric service reliability, Peculiar also has the opportunity to benefit from the tax revenue generated by the peaking plant. If Chapter 100 financing is utilized, funds will provide more revenue for the school district, city, fire department, ambulance services, library and others, as well as increase the potential for adding new jobs through business development.

Aquila understands the concerns of the residents near the plant site and hope they understand that we are doing our best to embark on a balanced approach to supply the infrastructure that we must deliver, and work with the community to support economic development. Ultimately, economic development will bring more jobs — possibly for your friends and neighbors.

2. Without the proposed power plant, what could be the best and worst cases regarding the future of energy supply in Cass County.

The plant is designed to meet Aquila's existing power requirements in the area. If the plant is not built, other alternatives will have to be found to meet that need. Without the plant, under the best-case scenario, Aquila would purchase power on the open market during peak periods. Those supplies would likely be more costly, less reliable, and may or may not even be available. Under a worst-case scenario, power supplies would not be available to purchase during peak periods, and Aquila would have to seek other methods to supply the peak demand.

3. With so much opposition from residents, why does Aquila still care about locating a power plant in Cass County?

As a public utility company, Aquila has an obligation to meet the energy needs of its customers. Cass County is a growth center, and additional power is needed here. Since most of the growth is residential, the demand for power peaks during the hot summer weather, and this peaking plant would provide the additional power needed. The South Harper location already has a major gas compressor station near the location, and our transmission line is also on the property. The location provides an opportunity to upgrade the transmission infrastructure already there to meet future growth. This is an excellent location for this plant, which is needed to meet the future needs of our customers.

4. Any plan to compensate residents complaining about noise and other inconveniences that would accompany the proposed plant?

Aquila will work to be a good neighbor, as we have at our other peaking facilities. In most cases, the plant will operate only during peak demand periods such as the hottest days of summer. We are spending extra money for noise control and feel that it will not be a problem. We have offered local residents the use of our modeling program to anticipate the noise from the plant at their homes. Many residents have already visited our Greenwood Peaking facility to judge for themselves the noise, lighting, and general layout of such a plant. We also have offered various tree planting options to shield the view of the plant for those who live nearest to it. We will do our best to design the site to keep the plant as unobtrusive as possible.

5. Why can't Aquila select a site in a non-residential neighborhood for the proposed power plant?

The proposed facility is located in rural Cass County in an area zoned Agricultural, and is also adjacent to an existing industrial gas compressor station, which has been in existence since 1954. Peaking plants, like South Harper, co-exist throughout the Kansas City area adjacent to golf courses, expensive homes, and areas much more densely populated than this plant site.

The determining factors for locating a peaking facility are driven by customer growth patterns and existing infrastructure. A peaking plant such as South Harper requires close proximity to electric transmission lines and gas supply pipelines. If we build a plant far away from the gas supply or transmission access, then we must install new transmission lines or gas lines across property, which increases the cost and also presents challenges in obtaining right-of-way and land for transmission and substations. As the population grows, location of electric infrastructure becomes more difficult as it becomes a NIMBY (not in my backyard) issue that generates public opposition. We are charged by regulatory bodies such as the Missouri Public Service Commission to complete projects at a reasonable cost.

6. Why would Aquila buy a property for the proposed power plant before the city approves the annexation of that property?

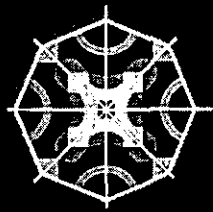
As with any economic development project, acquiring land is just one step in the process. Annexation is also a step in the process necessary to allow the city to achieve an economic benefit from the project. Although annexation is not required for the plant to be built, it would allow the city to gain the maximum economic development benefits. We also have an extremely tight schedule for this project and would like to have it in service by June 1, 2005. In order to expedite the schedule, we proceeded to purchase the land to do preliminary work on the site.

7. If and when Aquila gets the go-ahead to build the power plant, when would construction start and when would the plant start its operation?

Preliminary site work has already started, and actual construction is expected to start in late November. The facility will take eight to ten months to complete. We would like the plant to be in start-up phase by June 1, 2005.

8. Aquila previously said the Harrisonville site was the best in Cass County for its proposed power plant. Why the sudden switch to Peculiar?

The Harrisonville site was another good location for the plant in that the necessary infrastructure, such as natural gas and electric transmission lines, was already present. During the site selection process, several other communities contacted us about potential site locations in their areas. The City of Peculiar expressed a desire to participate in the economic development project and identified potential plant sites as part of this process. A Chapter 100 economic development agreement, supported by the city, was an additional way to reduce the overall cost of the project. Local taxing jurisdictions such as the school district, city, fire department, ambulance services, library and others will receive more funds from the plant by participating in the Chapter 100 economic development program. This is a "win-win" for the local community in that it provides significant revenue, while at the same time supports continued strong electrical infrastructure in the community to support future growth.



Aquila

Public Informational Meeting

Aquila invites you to a "Public Informational Meeting" to preview plans for the proposed Aquila South Harper Peaking Facility to be located near 243rd Street and South Harper Road in Peculiar. You are also invited to tour Aquila's Greenwood Peaking Facility, which is similar to the proposed South Harper facility.

Public Informational Meeting

Monday, October 11

Peculiar Lions Club

500 Schug Avenue

6 p.m. - 7 p.m.

Greenwood Tour

Tuesday, October 12

Greenwood Peaking Facility

14015 Smart Road

Greenwood, Missouri

6 p.m. - 7:30 p.m.

Aquila staff will display preliminary drawings and provide information about the proposed facility, as well as answer questions.

Energy Facts:

Serving Growth

This project will put the needed energy resources where they're needed most.

A growing population means...

+12% Belton

+11% Peculiar

+11% Raymore

Projected percentage of increase in the population by 2009.**

...more homes that...

+13% Belton

+12% Peculiar

+12% Raymore

Percentage of increase in the number of homes by 2009.**

...need more power.

+10% Belton

+16% Peculiar

+17% Raymore

Annual percentage increase in power needs over the past 10 years.**

Aquila is proposing to build an electric peaking facility near Peculiar in northern Cass County, Missouri. The facility is needed to meet the growing electricity needs of residents and businesses in the area. The facility would generate power when you need it the most - during peak use in the summer months.

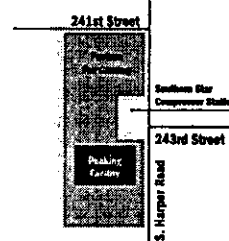
At Aquila, we realize that construction of any power facility is a controversial issue, regardless of its size, shape or other attributes. We face this same situation whenever we need to put up power lines, build a substation or even place a pole near someone's yard.

At the same time, power companies must build power plants to provide the power people need to live -- the power they need to heat and cool their homes, the power they need to cook their meals and refrigerate their food, the power they need to operate their computers, and the power they need to turn on the TV to watch their favorite show.

Frequently asked questions:

Where will the plant be located?

It will be on a 74-acre site adjacent to South Harper Road, which already has the needed infrastructure. Two Southern Star interstate natural gas pipelines and a compressor station, Water District 7 water lines and an electric transmission line are on the property.



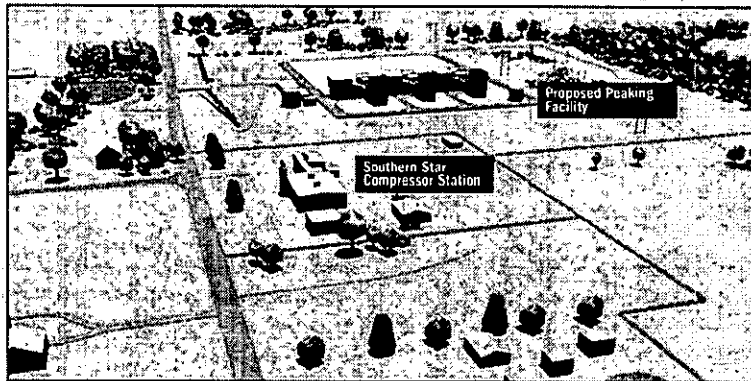
Will this adversely affect property values?

Homeowners near other similar facilities in the Kansas City area have not seen a decline in home values. In fact, the homes closest to Aquila's facility in Greenwood continue to increase in value. And, a golf course with upscale homes has been developed around an existing peaking facility in Independence.

Other information about the proposed facility in Cass County is available at www.aquila.com. Questions can be emailed to partner@aquila.com or mailed to Community Relations, Aquila, Inc., P.O. Box 11739, Kansas City, MO 64138.



Aquila



Energy Facts:

Neighborhood Impact

Many area citizens have asked how our proposed peaking facility will affect the neighborhood near the proposed site that is adjacent to South Harper Road.

We know residents enjoy the rural setting, so we are working to make the facility as unobtrusive as possible through landscaping, planting trees and leasing the surrounding area for cattle grazing.

Frequently asked questions:

Won't this facility be an eyesore?

We are designing the site to minimize the visibility of the facility. It will be set back about 200 feet from South Harper Road. Landscaping, including berms and additional trees, will help hide it from sight. The tallest structures will look more like grain silos than industrial towers. Their base will be 10 feet below the nearby road level, so will appear shorter than 70 feet. Lighting will be limited to downward-reflecting security lamps.

Will the facility adversely affect our country environment?

The facility will be fueled by clean-burning natural gas. Your air quality is protected by rules and regulations of the Environmental Protection Agency and the Missouri Department of Natural Resources (MDNR). We are required get an operating permit for the facility from the MDNR and regularly test and report air quality data to the agency.

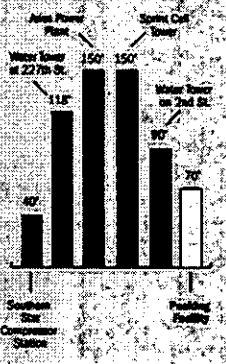
Isn't the facility going to make a lot of noise when it is running?

Most of the year this facility will not be running. It is a peaking facility that is used only when you need it, such as in the summer when your air conditioner is running. When the facility does operate, noise levels will depend on how far you are from the facility. At one-eighth mile away, the sound may be comparable to being 100 feet from your air conditioner. At half a mile away, all you may hear is a low hum.

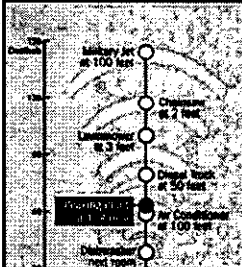
We will conduct an on-site test to simulate the sound of the facility for residents who live nearby. If you'd like us to test at your home, please e-mail us at partner@aquila.com.

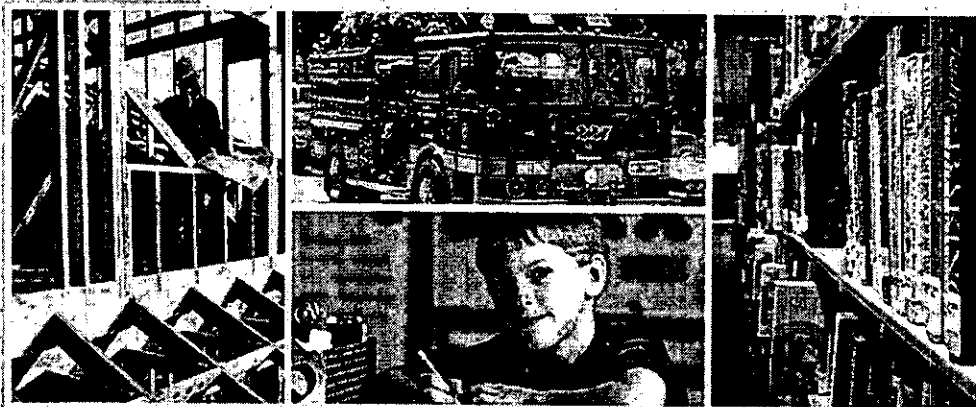
Information about the proposed facility in Cass County is available at www.aquila.com. Questions can be emailed to partner@aquila.com or mailed to Community Relations, Aquila, Inc., P.O. Box 11739, Kansas City, MO 64138.

Nearby existing structures will rise above the facility



Facility operating sound at the nearest residence

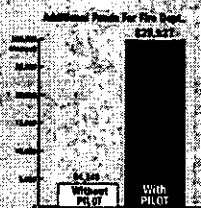
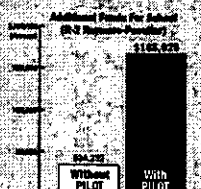
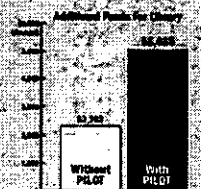




Energy Facts:

Community Benefits

Helping Communities: Chapter 100 bonds are designed to keep tax dollars in the communities that help businesses meet their customers' needs. The bonds are a payment in lieu of taxes, called a PILOT, and keep more of those dollars in the local community. Here's how a few Peculiar area services will benefit:



Aquila's proposed peaking facility will provide benefits to our customers, as well as to other residents of Peculiar and northern Cass County.

Peculiar, Raymore and Belton are growing. New housing starts are up more than 88 percent since 2001. The peaking facility will help meet the growing electricity needs of residents and businesses in the area during peak use in the summer months – when you need it the most.

Frequently asked questions:

Does this plant bring any real significant benefits to our community?

The real benefit of the peaking facility is to strengthen the electrical system. A strong, reliable electric system is one of the most important factors that businesses look for when selecting new locations. And new businesses bring new jobs to your community. The facility will add approximately 230 jobs at the peak of construction, and during construction other services and products will be bought from local businesses.

How would Chapter 100 bonds help the community?

Chapter 100 bonds allow a payment in lieu of taxes, called a PILOT that keeps more dollars in the local community. Otherwise, tax dollars paid are spread throughout the Missouri communities where Aquila provides electrical service. As a result, Chapter 100 bonds would add an estimated \$5.7 million over the next 30 years to the budgets of the local community taxing authorities, such as the school and fire district, ambulance and hospital services and the library.

Information about the proposed facility in Cass County is available at www.aquila.com



Aquila



Energy Facts:

We're Still Building For You

A few weeks ago the Cass County Circuit Court granted Cass County's request for an order requiring Aquila to stop construction on the power plant near the intersection of South Harper Road and 243rd Street. Yet construction is continuing. There is a legal reason this work continues.

In issuing the order to stop construction, the Cass County Circuit Court also said that the work could continue pending the outcome of an appeal by Aquila, if Aquila posted a bond to protect Cass County against damage it might suffer if the order is affirmed on appeal. Aquila has posted the required bond, and so work continues. Aquila has filed its notice of appeal to the Court of Appeals for the Western District of Missouri and is working with the county to speed up that process as much as possible.

There is another reason construction continues. In fact, it underscores the very reason Aquila decided to build a plant in Cass County in the first place. As an electric utility we have an obligation to deliver power to every customer in our service area, which means we must anticipate growth in our service territory in order to meet the needs of customers.

It is clear growth is not only coming to Cass County, it has already arrived. Residential subdivisions are being built where once there was farmland. New businesses are opening their doors in neighborhoods that didn't exist several years ago. And, new churches and other community facilities have already been built or are being planned.

As with any other business, a utility must be ready for growth. In fact, we have an obligation to be ready! Continuing to build during this appeal process will enable us to be ready when you need us.

Other information about the proposed facility in Cass County is available at www.aquila.com. Questions can be emailed to partner@aquila.com or mailed to Community Relations, Aquila, Inc., P.O. Box 11739, Kansas City, MO 64138.



Aquila



Aquila

P.O. Box 11739
Kansas City, MO 64138

October 14, 2004

Dear Neighbor,

Aquila appreciated the opportunity to visit with residents from your neighborhood at the informational meeting and the open house at our Greenwood Peaking Facility earlier this week. We want to work with you and address any questions or concerns you may have at any time about our proposed facility on South Harper Road.

We want you to be aware that as early as tomorrow you may see some workers doing preliminary groundwork to prepare the site for construction, pending final approvals. We need to start promptly due to the approaching winter weather. Trucks and equipment will enter and leave the site using 227th Street and South Harper Road. Work will be done only between the hours of 7 a.m. and 7 p.m., Monday through Friday or Saturday.

If you have additional questions or would like to discuss your individual situation in more detail with us, please give me a call at 816-737-7854. I can also arrange a test of the potential sound level at your home if you desire.

We appreciated the opportunity to talk with you and will continue to keep you informed of the project status. We have tried to reach all neighbors who are directly impacted. We would appreciate your sharing this information with anyone else who would be interested.

Sincerely,

Terry Hedrick
Project Manager

Hedrick, Terry

From: Hedrick, Terry
Sent: Sunday, March 20, 2005 6:03 PM
To: Empson, Jon; Keefe, Glenn; Williams, Denny; Lutes, Leroy
Cc: Chris Rogers (E-mail)
Subject: Initial Aquila Presentation [8/21/04 Peculiar City Counsel Work Session, then other meetings]

Aquila Presentation provided at:

- 8/21/04 Peculiar City Counsel Work Session
- 9/14/04 Chamber of Commerce Meeting
- 9/15/04 Greenwood Open House
- 9/25/04: Mayors Breakfast



8/21/04 Peculiar
Presentation....

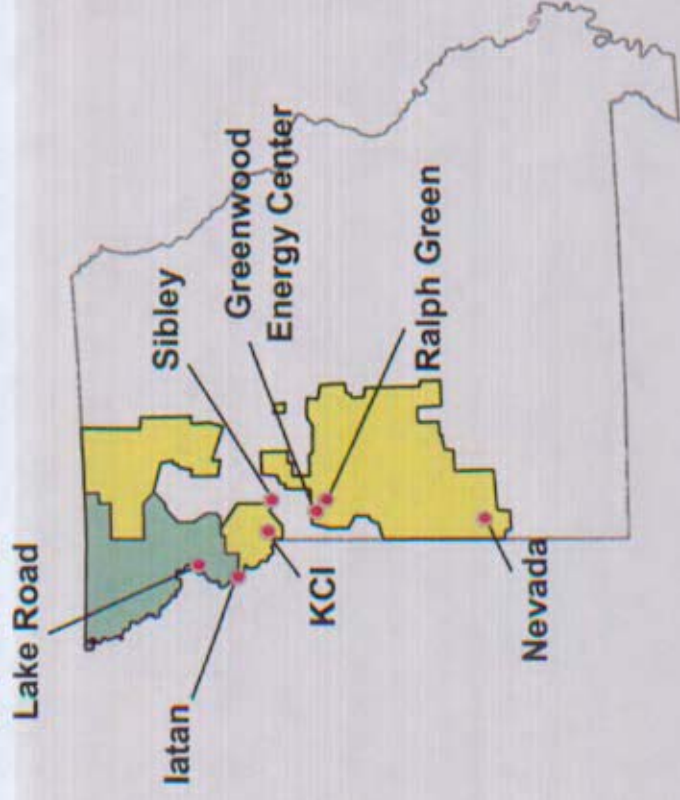
Terry S. Hedrick
816/737-7854

Aquila Peaking Facility Proposal

August 21, 2004

Aquila Missouri Electric

Operations



Computer Rendering Aerial View



Computer Rendering



Computer Rendering Landscaped Peaking Facility





Legend

- Natural Gas Pipelines
- 161 KV Electrical Transmission Lines
- - - Liquid Petroleum Pipeline



Scale

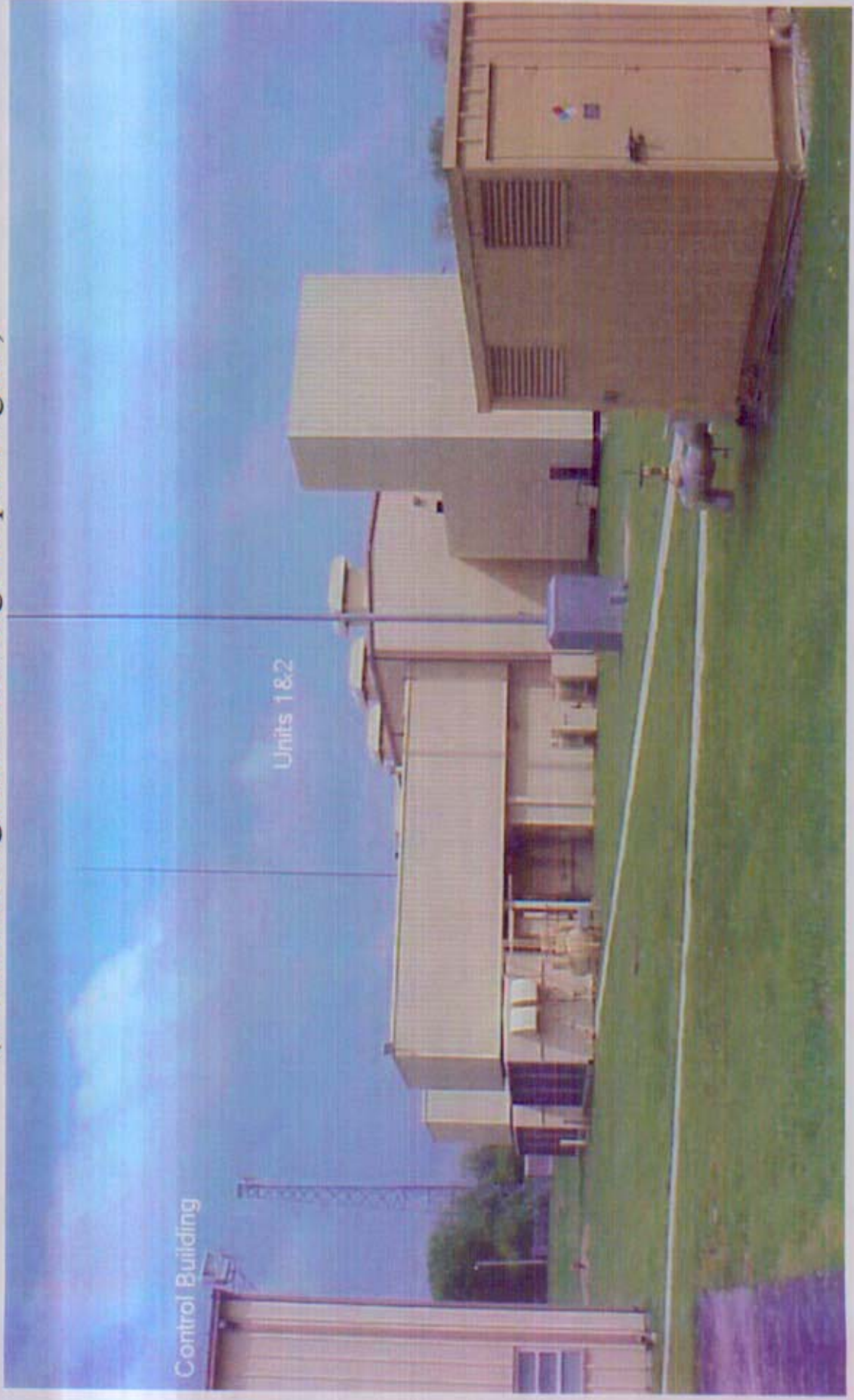
1 inch = 816 feet

Greenwood Energy Center

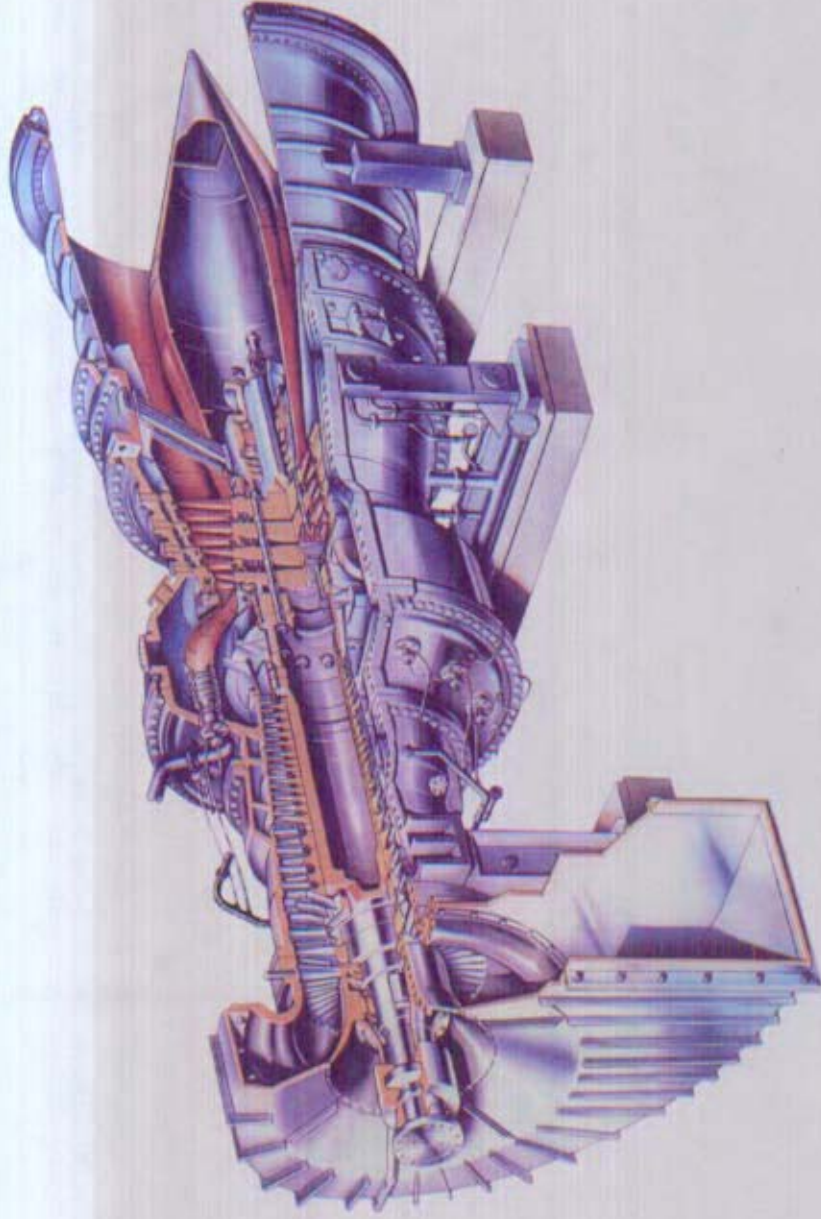
Aerial Photograph 2001

Greenwood Energy Center Photograph

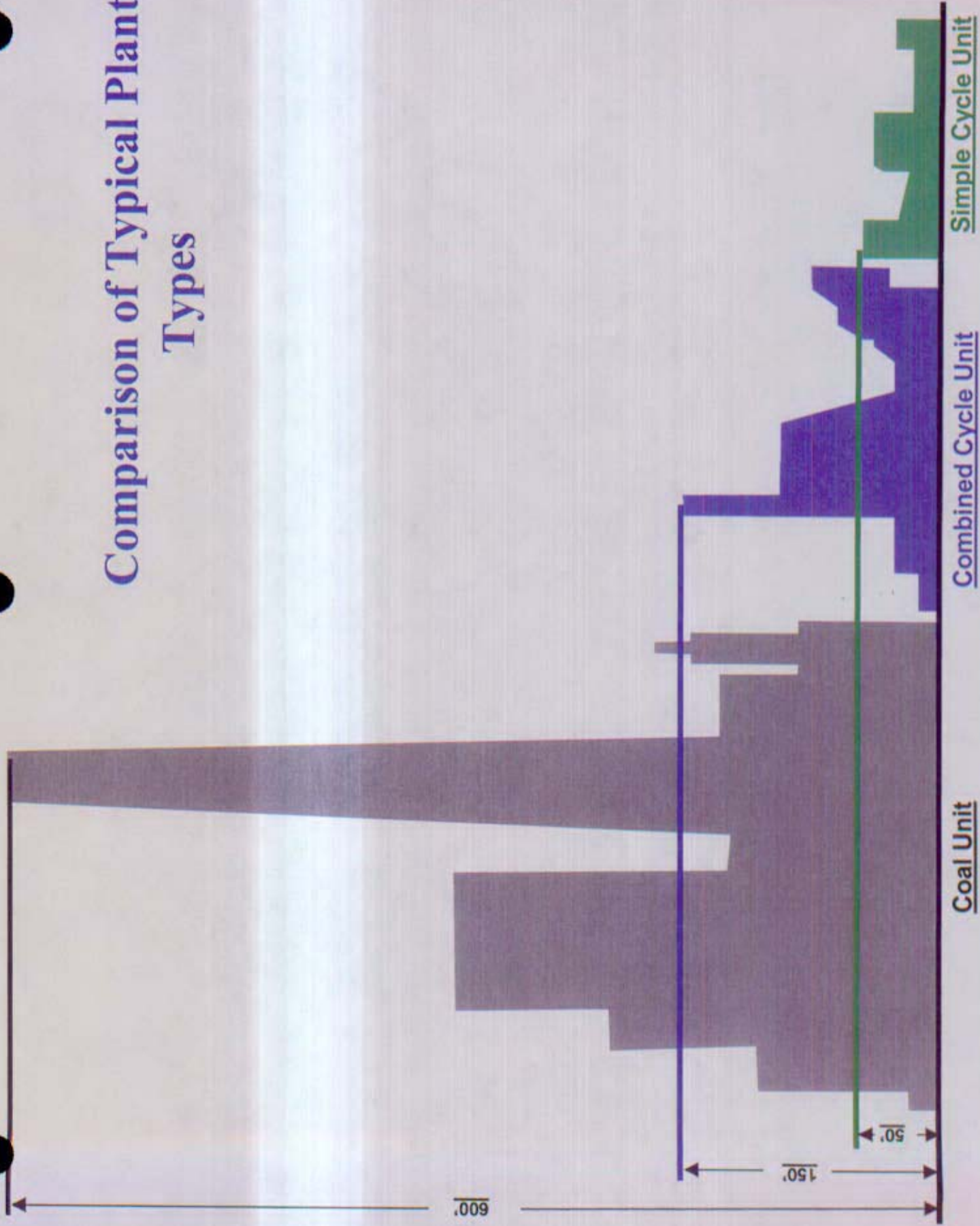
(View looking east from edge of parking lot)



Typical Westinghouse 501D5A Turbine



Comparison of Typical Plant Types



Site Selection (Infrastructure)

- Within Service Territory
- Electric Transmission
- Low impact to surrounding transmission
- Natural Gas: Availability, Multiple Suppliers, Capacity, Pressure
- Compatibility (other surrounding industrial equipment)
- Close proximity of road and rail
- Easement Infrastructure
- Potable Water Supply: Fire Protection, Additional Cooling
- Sanitary Sewer Access



Legend

- Natural Gas Pipeline
- - - Electrical Transmission Line



Scale
1 inch = 460 feet

**Independence Power & Light
Energy Facility**

Near Hwy 291 & Salisbury Rd Independence, MO
Aerial Photograph 2001



Independence Power & Light J-Turbine Peaking Facility Aerial Photograph 2001

Scale
1 inch = 352 feet



Legend
— Natural Gas Pipeline
- - - - - Electrical Transmission Line

Source: <http://www.terraserver.com>



Independence Power & Light Energy Facility
Near Lees Summit Rd & Kiger Rd
Independence, MO

Aerial Photograph 2001

Scale
 1 inch = 450 feet



- Legend**
- Natural Gas Pipeline
 - Electrical Transmission Line

Source: <http://msdweb.missouri.edu>



Legend

- Natural Gas Pipeline
- Electrical Transmission Line



Scale
1 inch = 460 feet

**Independence Power & Light
Energy Facility**
Near Hwy 291 & Salisbury Rd Independence, MO
Aerial Photograph 2001

List of Environmental Due Diligence Efforts

- PSD Air Permitting
- Acid Rain Permit
- Threatened and Endangered (T&E) Species Review
- Wetland Delineation Review
- Cultural Resources Review
- NPDES and SWPPP for Construction Activity
- NPDES Hydrostatic Testing Permit Amendment
- NPDES and SWPPP for Operating Permit
- Baseline Noise Study
- Phase I Environmental Site Assessment

Construction Review

- Schedule
- Staffing Projections
- Economic Benefits
- Traffic
- Dust Control
- Equipment and Material Delivery
- Noise
- Lighting
- Security
- Landscaping

Hedrick, Terry

From: Hedrick, Terry
Sent: Sunday, March 20, 2005 6:04 PM
To: Empson, Jon; Keefe, Glenn; Williams, Denny; Lutes, Leroy
Cc: Chris Rogers (E-mail)
Subject: Aquila Presentation (Revision 1) [10/1/04 Greenwood Tour and other meetings]

Aquila Presentation (Revision 1):

- 10/1/04 Greenwood Tour.
- 10/11/04 Public Information Meeting in Peculiar.
- 10/12/04: Greenwood Open House.



Oct. South Harper
Presentation...

Terry S. Hedrick
816/737-7854



Aquila

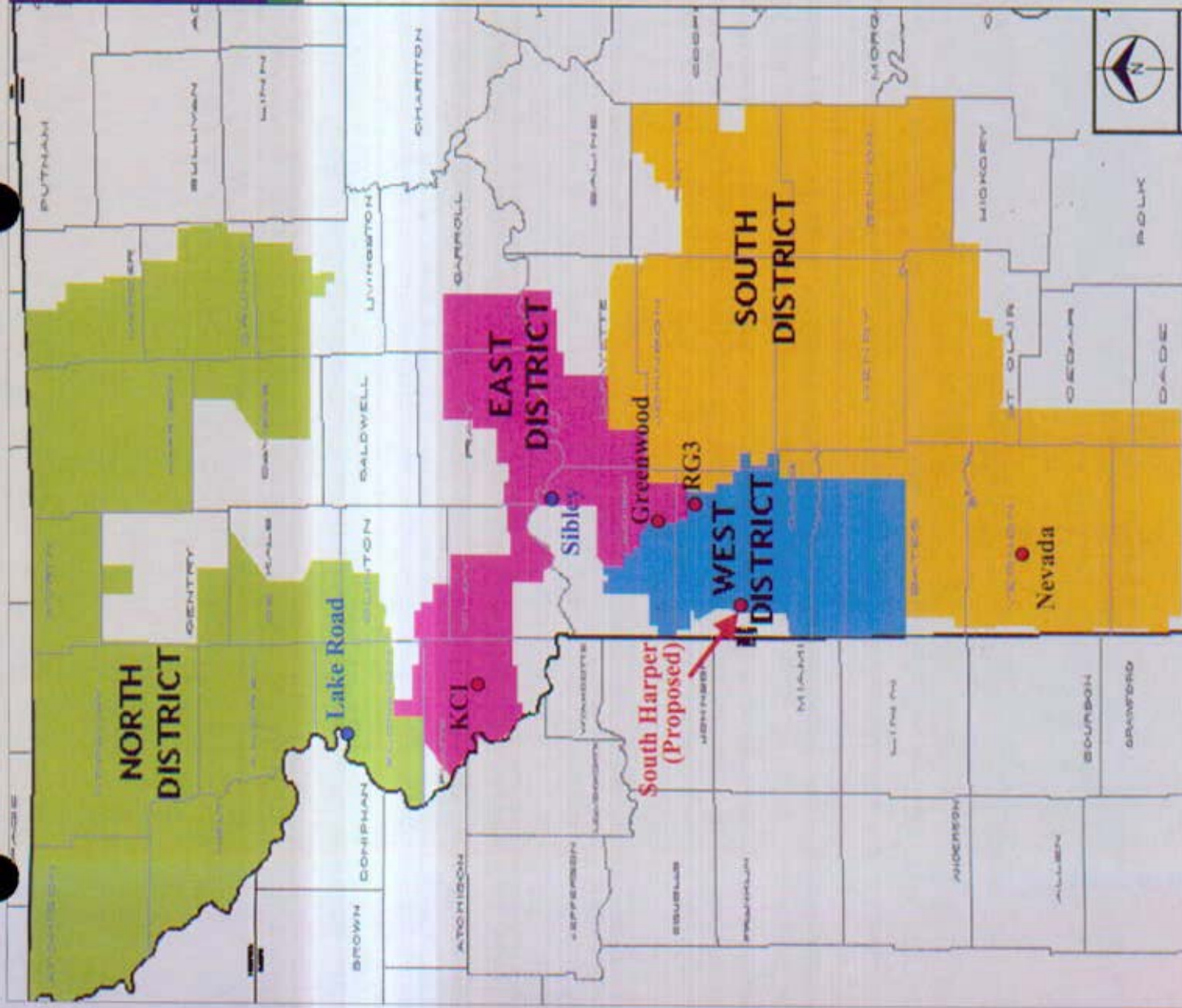
South Harper Peaking Facility

Cass County Missouri

October 2004

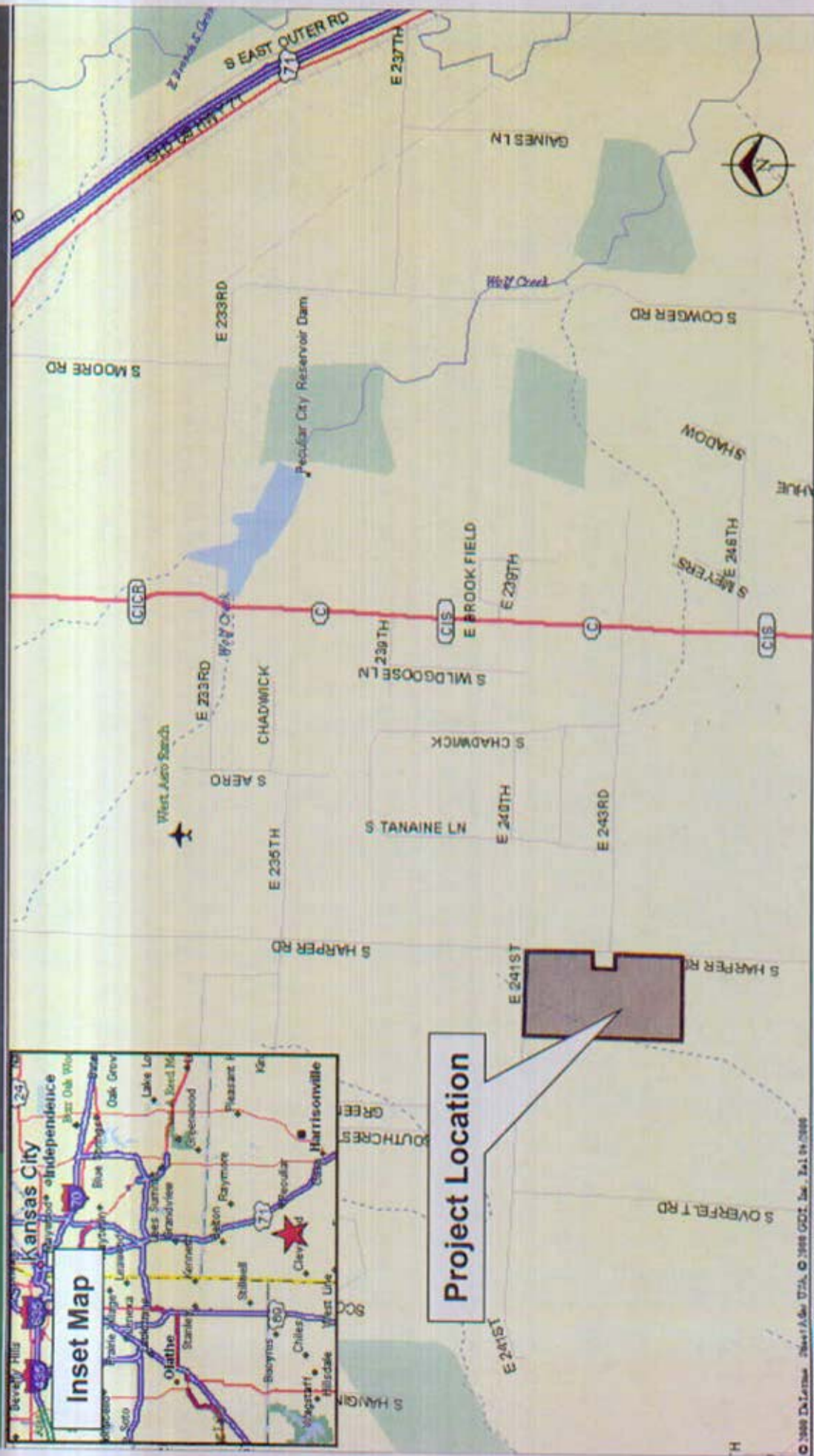


Aquila Service Territories and Power Plant Locations





Project Location





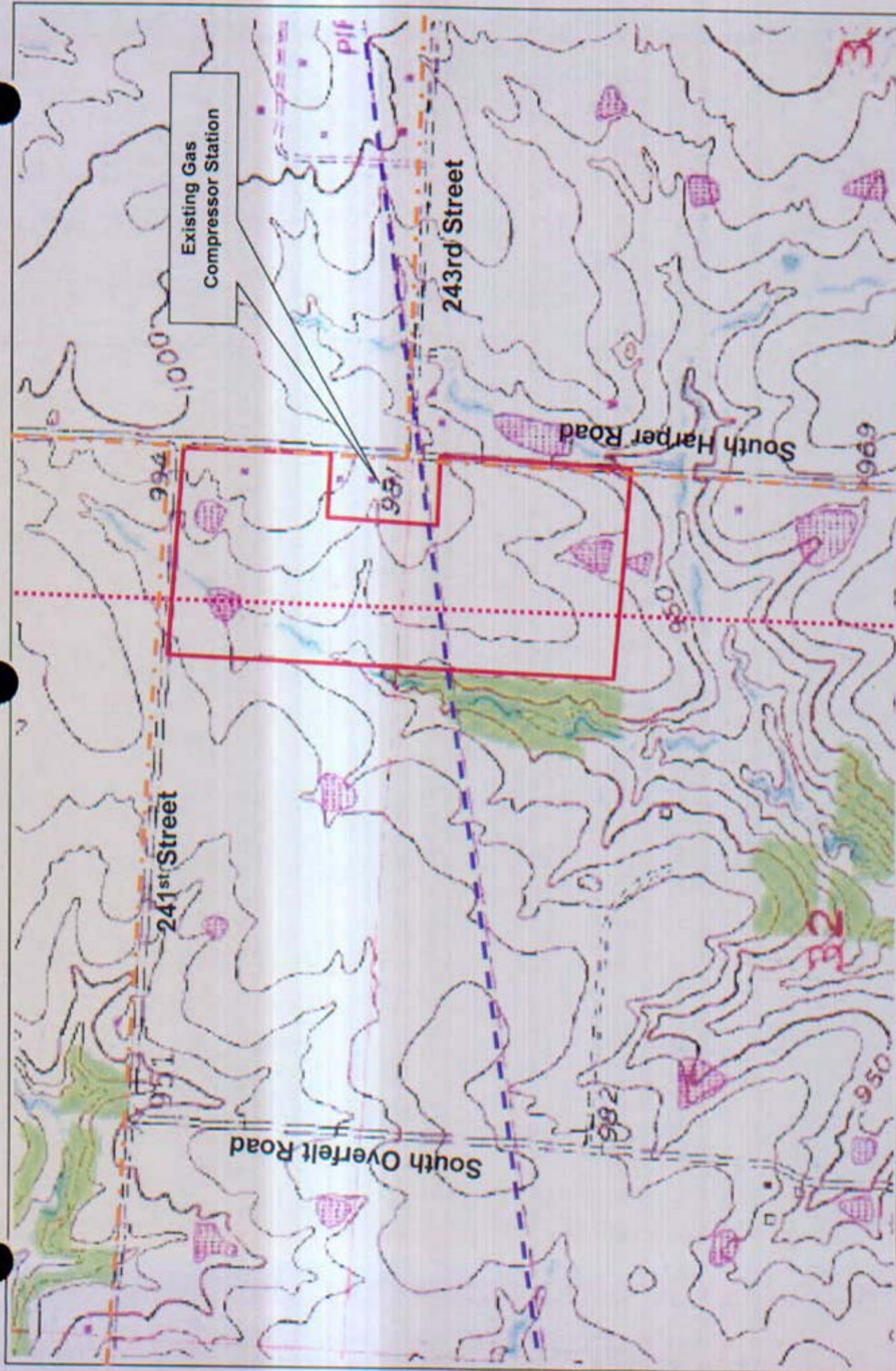
- Legend**
- Existing Natural Gas Pipeline
 - Existing Electrical Transmission Line
 - Proposed Project Location
 - - - Existing Water Pipeline

Approximate Scale (miles)



Existing Infrastructure Near the
Proposed Project

Aerial Photograph 2001



Legend

- Existing Natural Gas Pipeline
- Existing Electrical Transmission Line
- Proposed Project Location
- Existing Water Supply Pipeline

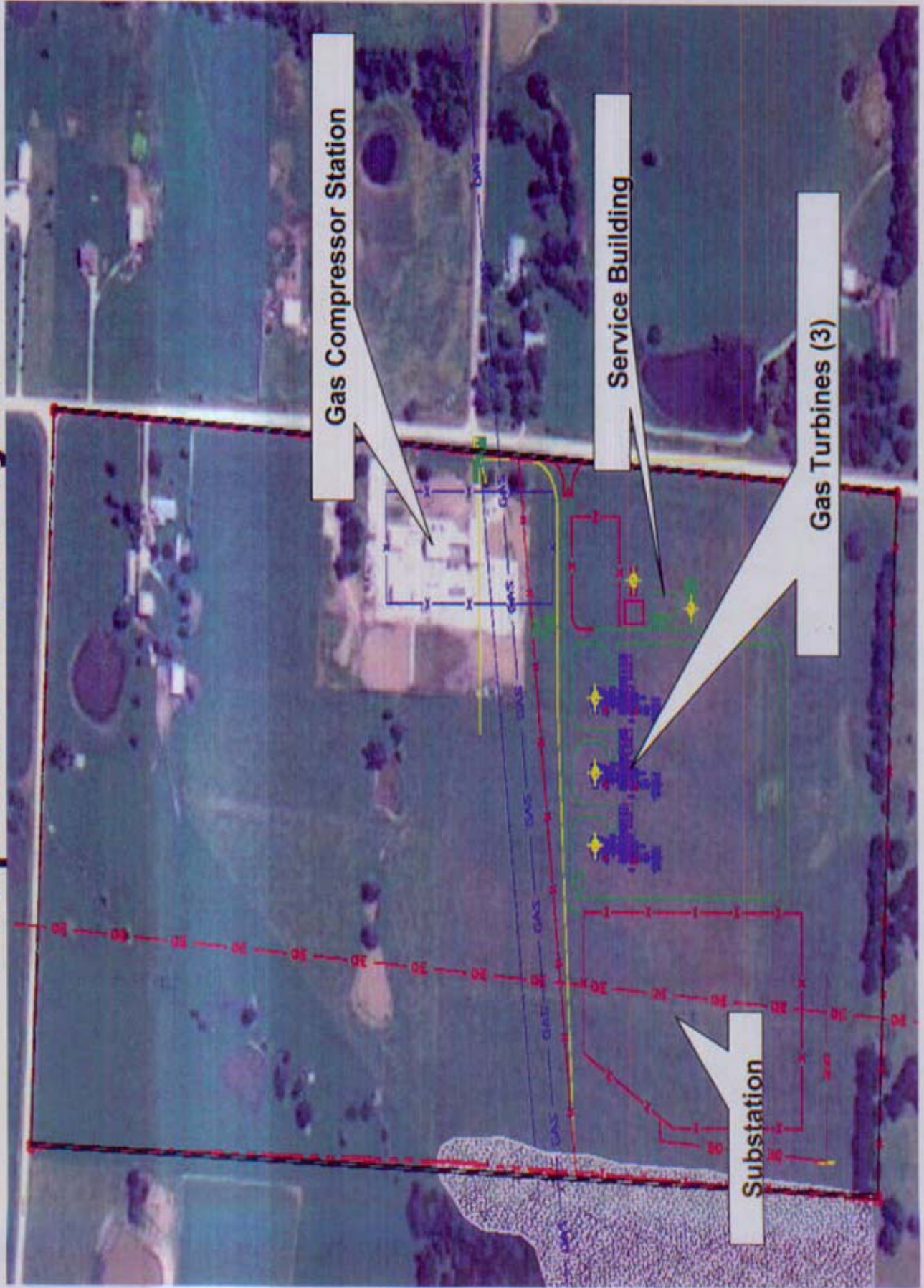
Approximate Scale (miles)



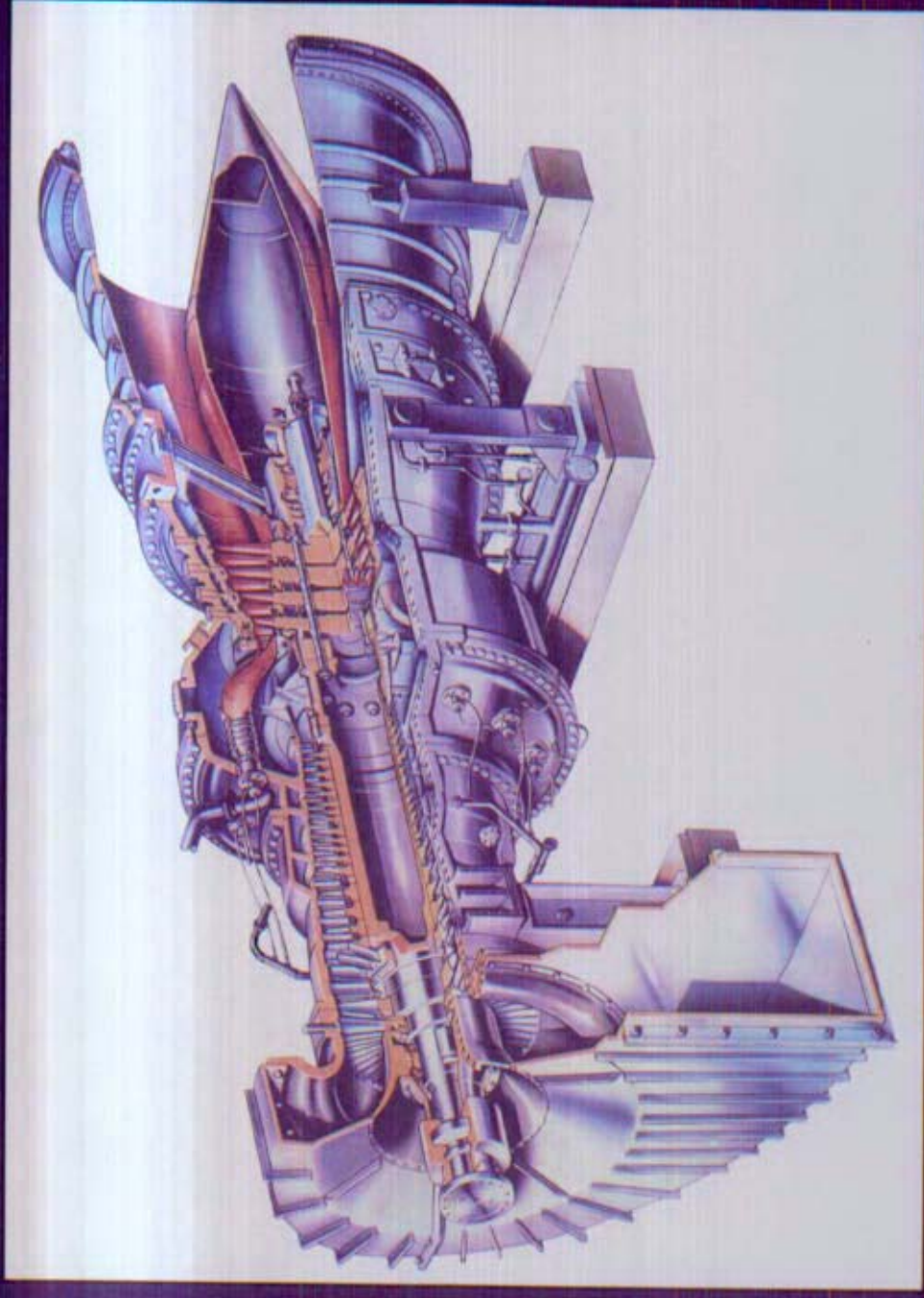
Existing Infrastructure Near the
Proposed Project

USGS Topographic Map 1981

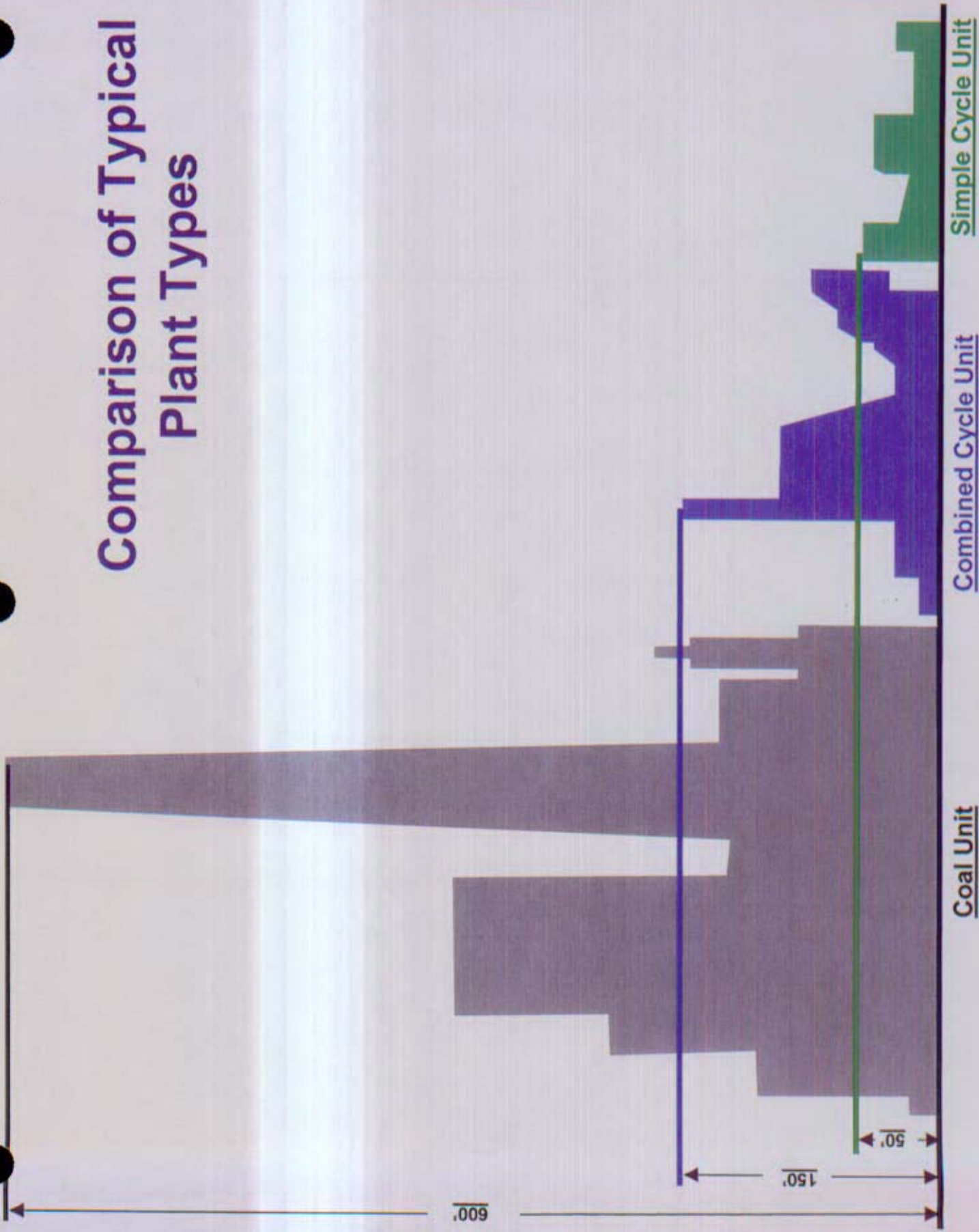
Proposed Site Layout



Typical Westinghouse 501D5A Turbine



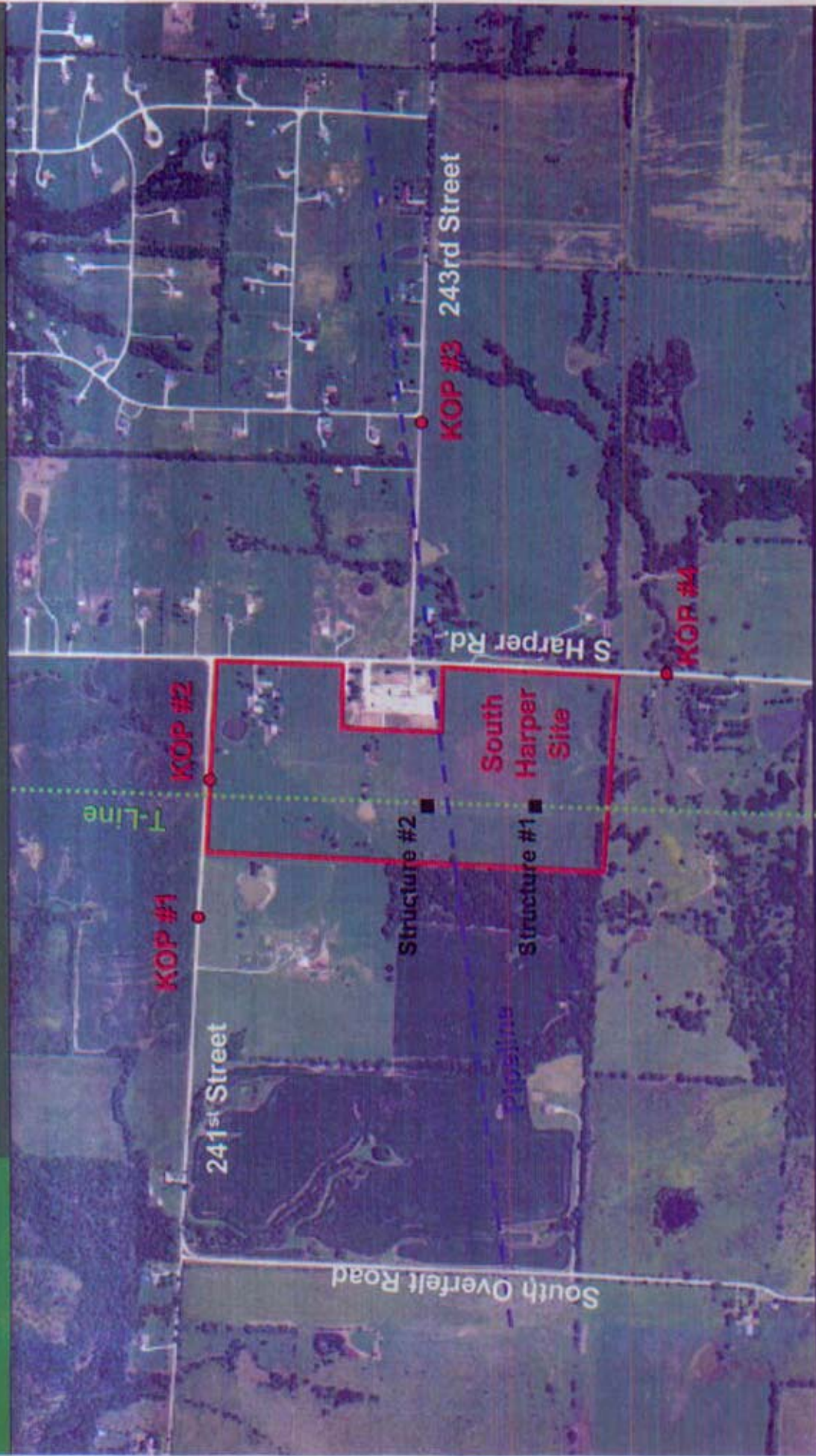
Comparison of Typical Plant Types

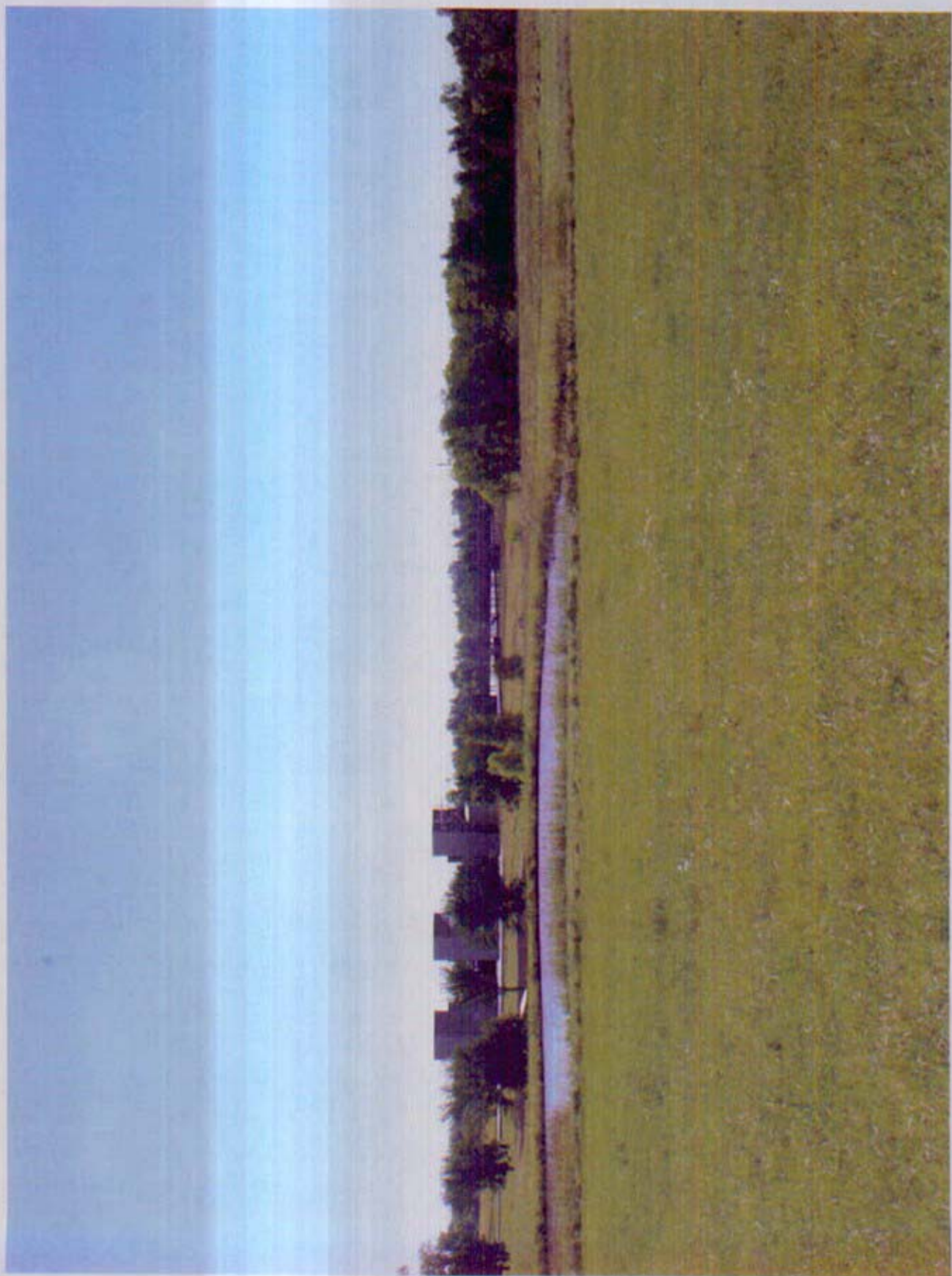




Aquila

Renderings of Project











South Harper Peaking Facility

List of Environmental Due Diligence Efforts

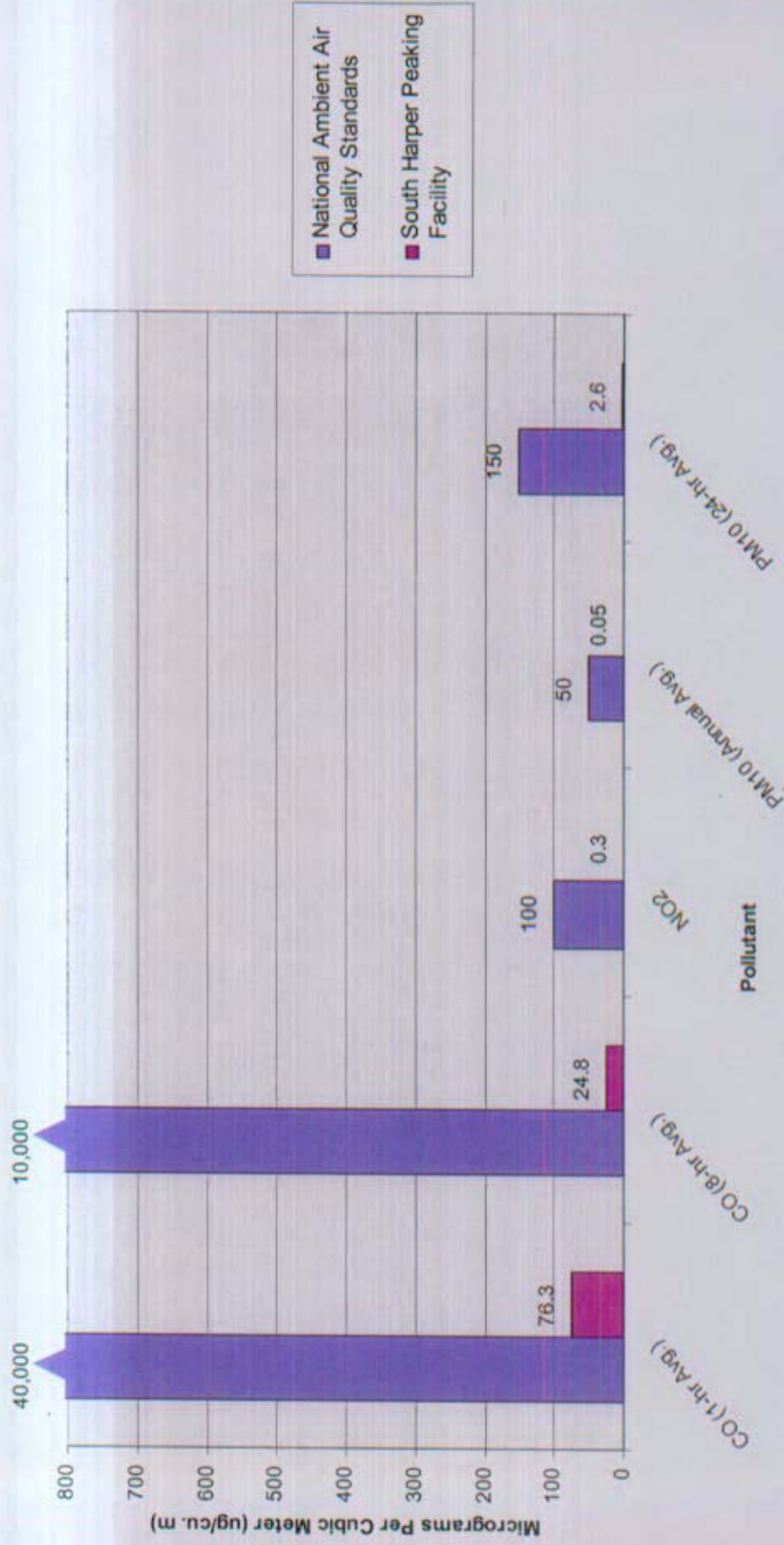
- PSD Air Permit
- Acid Rain Permit
- Threatened and Endangered (T&E) Species Review
- Wetland Delineation Review
- Cultural Resources Review
- NPDES and SWPPP for Construction Activity
- NPDES Hydrostatic Testing Permit Amendment
- NPDES and SWPPP for Operating Permit
- Baseline Noise Study

Chapter 100 Economic Development

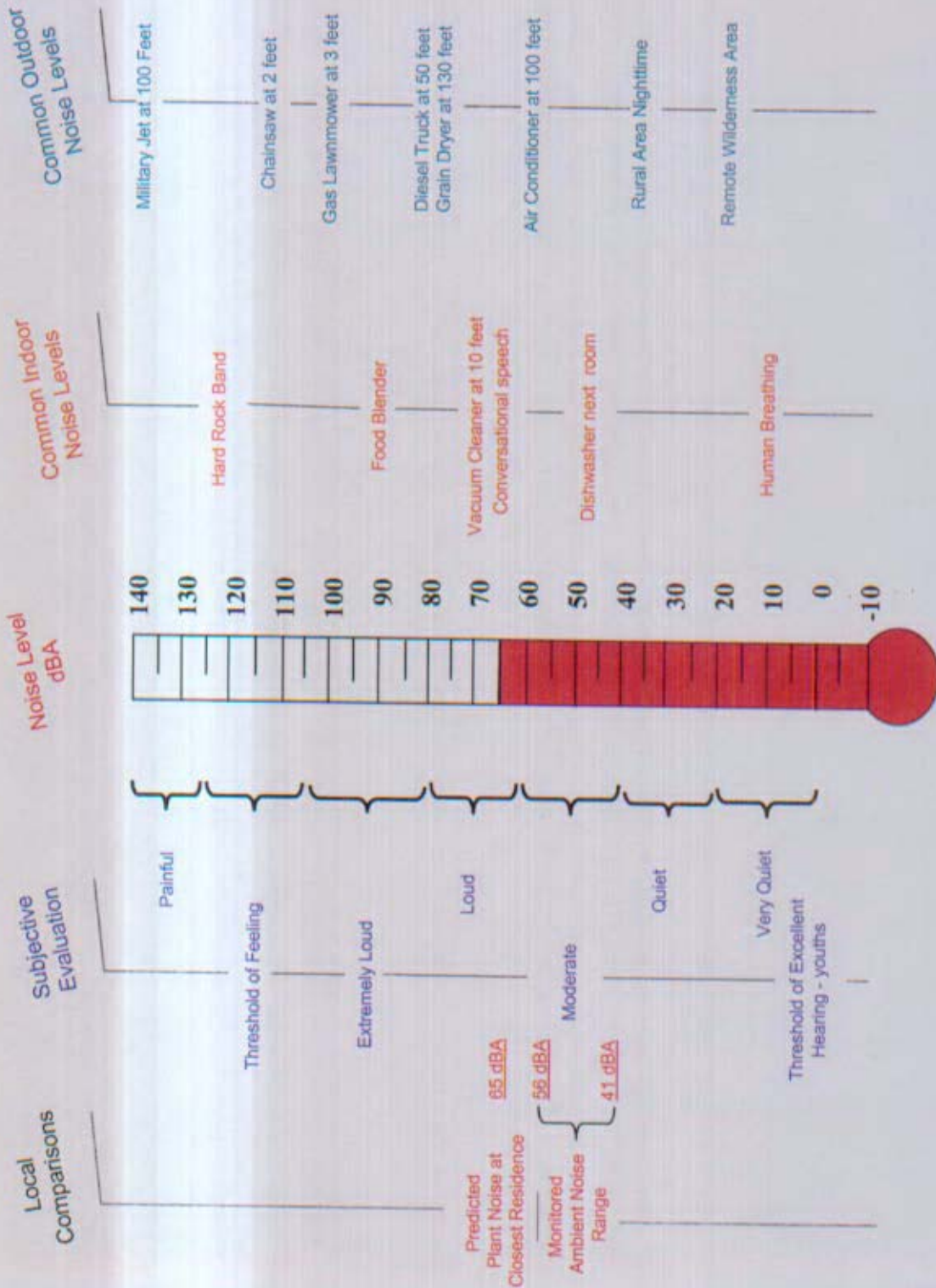
- Chapter 100 Economic Development between Aquila and the City results in low and best cost for development.
- The Public Service Commission requires Public Utilities to seek lowest and best cost options to serve the customers.
- Chapter 100 provides an opportunity to increase the amount of tax revenue kept in Cass County.
- Chapter 100 benefits: School District, Sur-Tax, Hospital, Library, Roads, Ambulance, Fire, City

National Ambient Air Quality Standards vs. Predicted Impacts from South Harper Peaking Facility

Predicted Impacts from South Harper Peaking Facility



Projected Operation Noise Level





Aquila

Location of Regional Plants





Greenwood Energy Center

Aerial Photograph 2001

Scale

1 inch = 816 feet

— Natural Gas Pipelines

.... 161 KV Electrical Transmission Lines

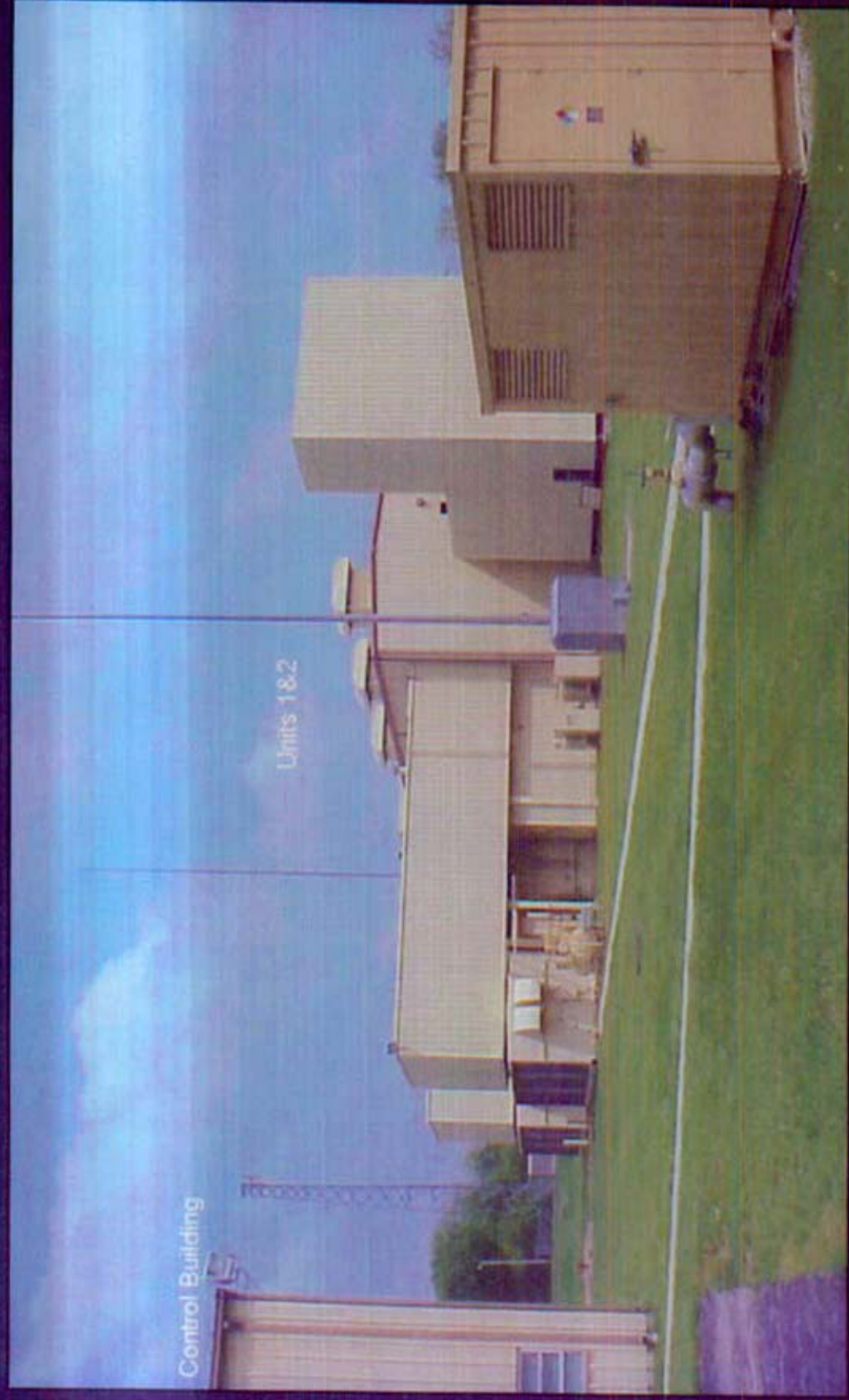
- - - Liquid Petroleum Pipeline

Legend

Source: <http://herraeserver.com>

Greenwood Energy Center

(View looking east from edge of parking lot)





<p>Independence Power & Light Energy Facility Near Hwy 291 & Salisbury Rd Independence, MO Aerial Photograph 2001</p>	<p>Scale 1 inch = 450 feet</p>	<p>Legend</p> <ul style="list-style-type: none"> — Natural Gas Pipeline Electrical Transmission Line <p>Source: http://msdisweb.missouri.edu</p>
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Independence Power & Light J-Turbine Peaking Facility

Aerial Photograph 2001

Scale

1 inch = 352 feet



Legend

— Natural Gas Pipeline

..... Electrical Transmission Line

Source: <http://www.terraserver.com>



Independence Power & Light Energy Facility Near Lees Summit Rd & Kiger Rd Independence, MO

Aerial Photograph 2001

Legend

- Natural Gas Pipeline
- ... Electrical Transmission Line



Scale
1 inch = 450 feet

Source: <http://msdlweb.missouri.edu>



Nevada Energy Center
Aerial Photograph 1997

Scale
1 inch = 870 feet



Legend Electrical Transmission Line

Source: <http://harrisserver.microsoft.com>, USGS Aerial 1997



Aquila

Questions?



South Harper Peaking Facility





Aquila Networks - Missouri
Peaking Facility Site Selection
COMPREHENSIVE SITE EVALUATION
SUMMARY TABLE



Rank	Site Name	Location in Missouri (City, Township, Range, Section, Elevation, Description)	Area for Development	Access to Electric Transmission	Access to Natural Gas Supply	Access to Potable Water	Access to Sanitary Sewer	Air Permit Comments	Fatal Flaw
			Δ Acquisition Cost ⁽¹⁾	Δ Improvement Cost ⁽²⁾	Δ Improvement Cost ⁽³⁾				Σ Δ Cost
1.	South Harper, Cass County	Southwest of Peculiar, T. 45N-R. 32W, Sec. 32, E1. 981 Feet. Three miles south of Peculiar on the west of the intersection of 243 rd St. and Harper Rd.	74 acres @ \$13,000/acre = \$1,000,000	1) MPS 69-KV line north-south along west of property. 2) Two miles north of KCPL dual 161-KV lines. 3) Five miles south of MPS 345 KV line. 4) New 345 KV transformer and substation addition for \$2.5 million.	1) Adjacent to Southern Star CGP compressor station. 2) Two Southern Star gas transmission lines transect property east-west. 3) Panhandle Eastern gas transmission lines two miles south of property.	6-inch line along Harper Rd., PWSD No. 7	Sanitary Sewer located three miles north, inside Peculiar city limits	Significantly distant from future ozone non-attainment area. Air permit reassignment req'd.	No Fatal Flaw. County zoning issue negated by planned Peculiar annexation. Stated support of City of Peculiar, West Peculiar Fire District, Public Water Supply District No. 7, and Ray-Pec School District. Chapter 100 financing proposed.
2.	Good Ranch, Raymons	In the City of Raymons, T. 46N-R. 32W, E1. 981 Feet. 40 acres east of 71 Highway, south of 193th St.	+ \$400K 150 acres @ \$15,000/acre = \$2,250,000	+ \$5 Million for extension, + \$2.5 Million for 345 KV sub. 1) MPS 69-KV line north-south along west of property. 2) Two miles north of KCPL dual 161-KV lines. 3) New 345 KV GSO transformer and substation addition for \$2.5 million.	\$0 - gas supply on site.	Existing potable water along 193th St.	Existing sanitary sewer located in nearby subdivision or inside Raymons city limits.	Significantly distant from future ozone non-attainment area. Air permit reassignment req'd.	+ \$7.3 Million with shortest schedule impact and Chapter 100 financing. Schedule Impact: - County zoning issue negated by location inside City of Raymons, support of City of Raymons, and Ray-Pec School District. However, developer moving slow on land sale.
3.	Camp Branch, Cass County	T. 45N-R. 31W, Sect. 25, E1. 985 feet. One mile north of Harrisonville, just northeast of intersection at Highway 7 and 235th Street, near the Aires Plant gas supply M&R station.	+ \$1.3 Million 40 acres @ \$15,000/acre = \$600,000. Probable additional buffer area will be needed due to opposition.	\$2.5 Million 1) KCPL 161-KV intersection of Highway 7 and 235th Street. 2) Adjacent to MPS 161-KV line to opposition.	+ \$5 to \$7 Million for gas line extension + time for r.o.w. acquisition. 1) 30-inch and 12-inch S. Star (Williams) lines 1 mile north, \$1 M. 2) Adjacent to Panhandle Eastern lines No. 100, 200, 300, and 400. \$0.5 M. 3) S. Star M&R 1 mile north, \$1 M - Questionable capacity. 4) Adjacent to Panhandle Eastern M&R. 5) Cities gas service three miles north - Questionable Capacity.	12-inch line along Hwy. EE Water District No. 8	Sanitary sewer located two miles south inside Harrisonville city limits.	Significantly distant from future ozone non-attainment area. Air permit in final review.	+ \$9.4 to 11.4 Million + schedule impact for slow development. Schedule Impact: - Due to zoning denial and expected litigation (from Cass County and opposed surrounding landowners (Shaner Estates). Otherwise lowest cost site option for plant.
4.	North Lake, Cass County	City of Harrisonville Property East of North Lake, T. 45N-R. 31W, Sect. 21, E1. 985 feet. One mile north of Harrisonville and one mile east of State Route 291 directly west of 235 th Street and east of North Lake.	30 acres @ \$15,000/acre = \$450,000	\$0 1) KCPL 161-KV intersection of Highway 7 and 235th Street. 2) MPS 161-KV 225 miles east, 2.25M+ Overhead at 7 Hwy and 235 th and 68KV line tap \$1.0M+ time for easements + \$2.75 Million + time for assessment acquisition	\$0 1) 30-inch and 12-inch Southern Star (Williams) lines 1 mile north, \$1 M. 2) Adjacent to Panhandle Eastern lines No. 100, 200, 300, and 400. \$0.5 M. 3) S. Star M&R 1 mile north, \$1 M - Questionable capacity. 4) Adjacent to Panhandle Eastern M&R. 5) Cities gas service three miles north - Questionable Capacity.	12-inch line along Hwy. EE Water District No. 8	Sanitary sewer located two miles south inside Harrisonville city limits.	Significantly distant from future ozone non-attainment area. Air permit in final review.	Litigation: \$1 Million + schedule impact. Schedule Impact: Ready for Permits, adjacent to White 8000 Shaner Estates and within full view of local water supply. Site is less than 235 th Street. Site so less options for laydown, landscape buffer strips, etc. and will require demo of firearm target range.
5.	Greenwood Power Plant, Jackson County	T. 46N-R. 32W, Sect. 25, E1. 1030 feet. On Smart Rd., west of James A. Reed Wilderness Area	22 Acres already owned -\$600,000	Adjacent to MPS 161-KV, will need improvements to 160 lines and substation. + \$3 to \$4 Million + Possible Jackson Co. permit delay	1) Gas main 5 miles west and north. + \$5 Million 1) Five miles north of Southern Star CGP compressor station and gas transmission lines. 2) Seven miles north of Panhandle Eastern gas transmission lines. 3) Two Amoco lines 2 miles west - Questionable Capacity. 4) Cities gas service 7 miles east @ \$50,000+ per acre. 5) \$150,000 = \$2.25 M. act to schedule for r.o.w. acquisition - Questionable Capacity.	Existing potable water on site.	Existing sanitary sewer on-site.	Locally within future ozone non-attainment area, must be readjusted Air Permit.	+ \$2.6 Million + schedule impact Schedule Impact: Ready for Permits, improvement permitting. + \$1.4 to \$3.4 Million+ schedule impact
6.	Section 33, Cass County	South of Raymons, T. 46N-R. 32W, Sect. 33, E1. 1030 feet. Half-mile southeast of Raymons city limits, off 193th Street	40 acres @ \$15,000/acre = \$600,000	345-KV MPS overhead power line located just west of proposed site. Would require 1 new GSO transformers in sub @ \$2.5 Million	+ \$5 to \$7 Million for gas line extension + time for r.o.w. acquisition	12-inch water line runs north along Section 32 and 33	Existing sanitary sewer located in nearby subdivision or inside Raymons city limits.	Closer to future ozone non-attainment area, must be readjusted Air Permit.	+ \$7.5 to \$9.5 Million+ schedule impact Schedule Impact: Ready for Permits, gas line extension impact to cost and schedule, and would require additional GSO transformer.
7.	North 255th Street (near Area gas connection), Cass County	One mile north of Harrisonville, T. 45N-R. 31W, Sect. 24, E1. 940 feet. Just northwest of intersection at 7 Hwy and 235th Street.	40 acres @ \$15,000/acre = \$600,000 within full view of Shaner Estates Road - possible wetland areas/water features	1) KCPL 161-KV intersection of Highway 7 and 235th Street. 2) Adjacent to MPS 161-KV lines	1) 30-inch and 12-inch Southern Star (Williams) lines north of site \$0.5 M. 2) Adjacent to Panhandle Eastern lines No. 100, 200, 300, and 400. \$0.5 M. 3) Adjacent to S. Star M&R. 4) Adjacent to Panhandle Eastern M&R. 5) Cities gas service 2.5 miles north, \$2.5 M - Questionable Capacity.	12-inch line along Hwy. EE Water District No. 9	Sanitary sewer located two miles south inside Harrisonville city limits.	Significantly distant from future ozone non-attainment area, probably have to readjust Air Permit.	Schedule Impact: Ready for Permits, adjacent to White 8000 Shaner Estates and within full view of local water supply. Site is less than 235 th Street. Site so less options for laydown, landscape buffer strips, etc. and will require demo of firearm target range.



Aquila Networks - Missouri
Peaking Facility Site Selection
COMPREHENSIVE SITE EVALUATION
SUMMARY-TABLE



Rank	Site Name	Location in Missouri (City, Township, Range, Section, Elevation, Description)	Area for Development	Access to Electric Transmission	Access to Natural Gas Supply	Access to Potable Water	Access to Sanitary Sewer	Air Permit Comments	Fatal Flaw
			Δ Acquisition Cost ⁽¹⁾	Δ Improvement Cost ⁽²⁾	Δ Improvement Cost ⁽³⁾				Σ Δ Cost
8.	Turner Road, Cass County	Barton, T. 46N-R. 33W, Section 12, EL-1070 feet. Next to Turner Road Substation, Southwest of 71 Highway at intersection of State Highway 7 and Turner Road.	20 acres @ \$120,000/acre = \$2,400,000 est.	New MFS 161 kV substation being constructed right next to proposed site, so deduct cost of substation (\$4 M) and add cost of reconductoring 5 miles of 66 kV, \$4 M - Net \$0	1) Parhandle East 12 miles south, \$12 M + crossings + extra wall thickness for the proximity to town, say 1.67x12 = \$20 M + add to schedule time for r.o.w. acquisition 2) Close to Richards Gebaur, Ammo line three miles east, \$3 M - Questionable Capacity 3) Cites gas service three miles east, \$3 M-Questionable Capacity	16-inch water line on North Scott and 16-inch water line on Highway 71.	12-inch sewer line just south of Turner Road.	Very close to future ozone non-attainment area, must resubmit Air permit.	Schedule Impact: Reapply for Permit, Seismic increasing land cost, gas line extension impact to cost and schedule, and cost of immediate upgrade of 5 miles of conductor.
9.	Ralph Green Power Plant, Cass County	Pleasant Hill, T. 46N-R. 30W, Section 19, EL-850 feet. Next to the Ralph Green Power Plant	Land already owned	161 kV substation 1 mile east- \$1 Million	1) Two Amoco gas lines 4 miles east of plant, \$4 M - Questionable Capacity 2) 8-inch Southern Star line intersects existing plant - Questionable Capacity 3) 20-inch Southern Star line 4 miles east, \$4M - Questionable Capacity 4) Parhandle Eastern lines 7 miles south, \$7 M + crossings + extra wall thickness for the through town, say 1.67x7 M = \$12 M	Existing water on site.	Existing sanitary sewer on site.	Very close to future ozone non-attainment area, must resubmit Air permit.	Insufficient Space to site these 3 CTS on available space on this property.
10.	Spanning Property, Cass County	West of Peculiar, T. 45N-R. 33W, Sec. 5, EL 965 feet. Northwest corner of intersection of Highway 77 and Harper Rd.	Privately owned, 150 acres @ \$20,000/acre = \$3,000,000 est.	1) MFS 66 kV line north-south through property. 2) Five miles north of KCPL dual 161 kV lines. 3) Two miles south of MFS 245 kV line. 4) New 245 kV GSU transformer and substation addition for \$2.5 million	1) Three miles north of Southern Star CGP compressor station. 2) Three miles north of two Southern Star gas transmission lines. 3) Parhandle Eastern gas transmission lines five miles south of property.	8-inch PWSD No. 7 water line 1 mile south.	Sewer service in adjacent City of Peculiar - across road.	Close to future ozone non-attainment area, must resubmit Air permit.	\$45 to \$13 Million+ schedule impact
11.	Grand Oaks, Cass County	Northwest of Peculiar, T. 45N-R. 33W, Sec. 5, EL 960 feet. Southeast corner of intersection of Knight Rd and 205 St.	Privately owned, 80 acres @ \$20,000/acre = \$1,600,000	1) MFS 66 kV line on property. 2) Seven miles south of MFS 245 kV line. 4) New 245 kV GSU transformer and substation addition for \$2.5 million	1) Four miles north of Southern Star CGP compressor station. 2) Four miles north of two Southern Star gas transmission lines. 3) Parhandle Eastern gas transmission lines six miles south of property.	10-inch PWSD No. 2 wastewater line adjacent City of Peculiar - across road.	Sewer service in adjacent City of Peculiar - across road.	Close to future ozone non-attainment area, must resubmit Air permit.	Schedule Impact: Location too close to Grand Oaks estate homes subdivision. Likely strong opposition from landowners and county. Likely litigation delays and costs.
12.	Richards Gebaur Sites including Ammo Magazine, Cass County	Barton, T. 46N-R. 33W, Section 10, EL-1100 feet. Use of old Ammo Magazine site just south of Markey Road at Richards Gebaur.	40 acres @ \$25,000/acre = \$1 M	Need to develop a line tap into the new 161 kV line running Martin City to Barton line.	1) 16-inch Southern Star line four miles east, \$4 M - Questionable Capacity 2) Cites gas service four miles east, \$4 M - Questionable Capacity 3) Parhandle lines 12 miles south, \$12 M + crossings + extra wall thickness for the through town, say 1.67x12 = \$20 M	8-inch water along Markey Road. 3-inch into Ammo Magazine site	8-inch VCP sanitary sewer pipe on site.	Possibly within future ozone non-attainment area, must resubmit Air permit.	Schedule Impact: Reapply for Permit, gas line extension impact to cost and schedule, land may be used for Barton Scenic Parkway
			+\$400,000	\$0	+20 Million + time for r.o.w. acquisition				+\$20.4 Million+ schedule impact

- (1) Acquisition Costs uses an estimated value for land inside "City Limits" to be \$120K/acre and land outside "City Limits" to be \$15K/acre for discussion purposes only and are based on an approximate land value. Approximate costs for Richards-Gebaur land are from the Economic Development Corporation of Kansas City, Missouri and do not reflect actual cost of land; actual costs for land will vary.
- (2) Differential Improvement Costs for Access to Electric Column do not reflect total actual costs. Differential costs are meant to compare the items of a design that differ from the recommended site, e.g. distances to electrical interconnect. Number assumes site requires substation and that new or reconductored line costs \$1.0 Million/mile.
- (3) Differential Improvement Costs for Access to Natural Gas do not reflect total actual costs. Differential costs are meant to compare the items of a design that differ from the recommended site, e.g. distances to gas supply. Number assumes new gas line costs \$1.0 Million/mile and for large pipe runs through town an arbitrary factor of 1.67 was used to account for added costs of extra wall thickness, road borings, creek crossings, and r.o.w. or easement acquisition.

South Harper Peaking Facility Site Selection Criteria

The following is a summary of Site Selection Criteria items that yielded the South Harper site as the recommended site.

Load Center and Growth:

South Harper is located approximately 3 miles south of the City of Peculiar. The area is experiencing and is expected to continue experiencing residential, commercial, and industrial load growth that ranks in the top two areas within the Aquila service territory. Peaking Facilities are typically placed in or close to "Load Centers" to ensure generation during peak demand or other system outages. This is the Western side (Belton/Raymore/Peculiar) of the Aquila system. Currently there are no peaking facilities in this area and the transmission is 69kV which will need to be upgraded to 161kV in the future. The Eastern side (Lee's Summit/Greenwood/Pleasant Hill) of the Aquila system is served by the Greenwood Energy Center and Ralph Green 3, which are both peaking facilities. In addition, the transmission system on the Eastern side is 161kV transmission.

Existing Infrastructure – Transmission:

The Site is located with existing transmission crossing through the site. System planning has identified this transmission for upgrade from 69kV to 161kV in the future. This project allows those enhancements to take place with the growth currently taking place.

In addition, there are two KCPL transmission lines located approximately 2 miles south of the site that could provide system interconnect ability in the future, if so desired.

Existing Infrastructure – Fuel Gas:

The Site has two Southern Star natural gas lines crossing to a compressor station located within the original 80-acre site. The fuel lines have the necessary capacity and pressure to service the facility.

In addition, Panhandle Eastern has additional natural gas lines located approximately 2 miles south of the site that also have capacity and pressure to service the facility.

By having two different suppliers, the facility will have a flexible supply of fuel. In addition, it will not be a sole supplier situation. Competition will allow Aquila to achieve the best fuel cost.

Existing Infrastructure – Water Line:

Public Water Supply District No. 7 has a major water line located on the eastern edge of the property, convenient for interconnection but not obstructing construction. The process and potable water capacity required for the project can be served by this interconnection. In addition, sufficient water supply

capacity is available from this connection to meet the fire fighting requirements as approved by the West Peculiar Fire Protection District.

Support for the Project:

The City of Peculiar actually first approached Aquila about working together on this project. The City realizes that due to the growth, they will need the infrastructure upgrades to continue growth. In addition, the City desires to utilize Chapter 100 financing that will greatly enhance the financial benefit to the tax jurisdiction entities including the City, the School District, Fire District, etc. As a result, the Fire District and Water District have also supported the project. Two other sites on the western side of Peculiar were first explored and eliminated due to potential acquisition issues before selecting the present site.

The Land at the Site:

The 74-acre Site was expeditiously purchased from a willing seller (no condemnation issues) who will continue to reside on a small northern portion of the site. Helping to maintain the rural appearance of the land, there are partial treed surroundings and a slope on the plant site, which allows the facility to maintain a low profile. The rock shelf approximately 10-15 feet below the surface also permits the substantial turbine foundations to be readily installed and anchored. The site size (74-acres) also allows for a 100-foot buffer to the property line and substantially greater buffer to shield from surrounding homes.

Compatibility:

The Southern Star Central Gas Pipeline Corporation has a major natural gas compressor station located on the east central boundary of the original 80-acre site. Southern Star has two major gas transmission lines, which bisect the remaining 74-acre tract from west to east. The Peaking Facility is located on the southern 38-acre portion of the property, while the northern half of the lands can remain in agricultural production. The compressor station has been in service since 1954 and incorporates natural gas, compressors, reciprocating engines, turbines, buildings, and stacks. All of the same type items that will be incorporated into the peaking facility. The compressor station facility was enlarged and updated within the past five years.

Non-Scannable Maps

(Can be viewable in the Data Center)