

EXHIBIT D

Location of Coyote Springs Plant Relative to Avista Utilities Service Area

SEE CASE FILE

FOR MAP(S)

EXHIBIT E

Excerpts from 2000 Updated Integrated Resource Plan

July 12, 2000

AVISTA CORPORATION

1997 Integrated Resource Plan Update

I. Introduction:

Avista's last Integrated Resource Plan (IRP) was filed with the Commission on August 25, 1997. That plan showed that the company was surplus for many years into the future. Since then many things have changed in the electric utility industry and for Avista. Therefore, the company has prepared this updated IRP to include those significant changes. As discussed later, this updated IRP will also serve as the basis for a Request- for-Proposal (RFP) that Avista plans to issue.

The following information has been presented at various TAC meetings and will become a integral part of the next IRP.

II. 1997 IRP Update

1. Load Forecast

The 2000 electric sales forecast was prepared during the summer of 1999. The forecast of firm sales to the core-market is one of the most critical elements and was presented and discussed at the TAC meeting. Avista Utilities utilizes econometric models to produce sales and customer forecasts. Econometric models are systems of algebraic equations which relate past economic growth and development in the geographic communities served electricity with past customer growth and consumption.

The electrical energy forecast shows an annual average load of 1013 aMW in 2001 increasing to 1159 aMW in 2009. The peak forecast shows 1594 MW in 2001 with 1851 MW in the year 2009. The ten-year compound growth rate for residential usage is 2.3 percent, commercial is 3.9 percent and industrial is 1.6 percent. The overall total energy forecast has a compound growth rate of 1.9 percent.

The annual load forecast numbers, for both peak and energy, through the year 2009 can be found on the Requirements and Resources tabulation sheet.

2. Resource Assessment

Centralia:

The sale of the Centralia coal-fired plant resulted in the loss of 201 MW of capacity and 177 aMW of annual energy from Avista's resource portfolio. The company entered into a short-term contract with TransAlta, the new owners of Centralia, to replace a majority of the generation lost with the sale of the plant. The term of this contract starts in July 2000 and extends through December 2003.

costs and discharge less pollutants into the air than other fossil fuel plants. As shown in Appendix B, the Northwest Power Planning Council costs for natural gas fired generation projects range from approximately 41 mills to 43 mills.

At this point in time the following resources would not pass the initial screening. The following costs are nominal life-cycle, levelized costs.

- Nuclear: Costs are over the 100 mills per kilowatt-hour range. The total cost and the lack of public acceptance make this resource option unacceptable.
- Coal: Costs are 80 to 90 mills. The total cost and cost uncertainty in air quality issues make this resource option unacceptable.
- Wind: Costs are 60 to 80 mills. There are indications that costs are declining but our studies show there are not favorable sites in our service territory so transmission costs would have to be added. Because wind is intermittent the resource would have to be discounted for lack of capacity component. This would make this resource option unacceptable.
- Geothermal: Costs are 80 to 100 mills making this resource option unacceptable.
- Solar: Costs are over 240 mills making this resource option unacceptable.

These costs are presented for general comparison purposes. The company will solicit resource bids from the market in an upcoming Request-for-Proposals (RFP). The company is hoping for innovative bids from project developers. The RFP bids will be evaluated against the information that has been gathered both internally and externally.

8. Load and Resource Summary

General:

Included is Avista's annual Requirements and Resources (Load and Resource Summary) that shows the company's load and resource position on an annual basis for the next ten years (see Appendix D). It is dated June 1, 2000 and will be the same one used in the 2000 IRP. The peak column is the January peak (the highest forecasted peak for the year) and the average column is the annual 12-month average for the year. The resource peak numbers are what could be expected as maximum capacity outputs during January. The hydro peak and energy numbers are from the final regulation done by the Northwest Power Pool and reflect the reservoir levels in January per the hydro regulation study (one-year critical period, 1936-37 water). The average energy numbers are the expected 12-month averages for the loads, resources and contracts.

All the requirements are shown at the top of the page. Most of the purchases and sales contracts end by the year 2004. The peak and average forecasted loads are shown on line 1 labeled System Load. Line 17 Reserves are Avista's planning reserves and are part of the total Requirements (as described in Section 3).

The Resource section is comprised of the resources and purchase contracts. Line 19 shows the system hydro and line 20 is the contract hydro from the mid-Columbia PUD projects (with critical water conditions). The mid-Columbia numbers decrease due to the Priest Rapids contract ending in 2005 and the Wanapum contract ending in 2009. Avista is hopeful that a contract extension can be negotiated with Grant County PUD. Lines 24 and 25 are the company's existing

simple-cycle combustion turbines, and lines 33 and 34 are the expected thermal generation output from Kettle Falls and Colstrip.

Line 29 shows the BPA residential exchange contract and the 47 MW flat delivery of power to the company from BPA. There is no dispatchability or flexibility with this contract. Although this contract has not been signed, Avista feels it is firm enough to be included.

Line 44 is the Surplus (Deficit) numbers calculated by subtracting the Total Requirements from the Total Resource numbers. In the year 2004 Avista is 287 MW deficit on peak and 318 aMW deficit on energy under critical water planning criteria.

Resource Flexibility:

Flexible generation resources are a key component to meet the requirements of Avista's customers. As depicted in the charts on pages 8 and 9 in Appendix E, Avista experiences load changes of 100 MW or more during several hours of each day. Loads must be ramped up and down under a variety of seasonal and load conditions. In order to meet the load, flexible resources (Cabinet Gorge, Noxon Rapids, Long Lake, Mid Columbia contract hydro, and the Rathdrum Combustion turbines) are dispatched. Even with these resources, Avista still must purchase peak energy products to meet customer demand during different times. The market today tends to offer standard heavy load hour and light load hour products that do not meet load shaping or following needs.

2004 Study:

A detailed tabulation of the load and resource requirements study of the year 2004 is also attached (see Appendix E). We chose the year 2004 for an in-depth study because, as mentioned above, many of the larger supply and requirements contracts have ended and future requirements change (for the most part) due to load growth.

This study is shown in two parts. The first study shows on and off peak loads and resource requirements monthly under critical and normal hydro conditions. The second study goes into even further detail. We created an hourly Surplus-Deficiency duration Curve for the year 2004 using PROSYM to gain the following information. By using the Northwest Power Pool's sixty year hydro generation study for our system, PROSYM runs 720 (sixty years X 12 months/year) hydro scenarios into the forecast net system load, all known contracts, and existing resources. The information gained from this model output shows the company's resource requirements to meet load under many different hydro conditions. This duration curve will be used to analyze how new resource additions will "fit" into the company's requirements without any affect from market conditions. As stated before, standard economic modeling must be performed after dispatch information is gained from PROSYM modeling.

Load growth expectations based on the forecasted methodologies are explained under Section 1. Avista doesn't expect drastic changes in our load beyond the normal load growth that has been experienced. But the future is uncertain and Avista needs to be flexible enough to handle unforeseen changes. For example, the company could lose load by having Avista's larger retail customers install cogeneration, like WSU or Potlatch deciding to serve their own load from existing generating facilities. Or if partial deregulation was to come to our region, Avista could pick up some industrial loads thereby increasing the load requirements.

Appendix D

EXHIBIT F

Letter of Intent

Avista Corp.
1411 East Mission PO Box 3727
Spokane, Washington 99220-3727
Telephone 509-489-0500
Toll Free 800-727-9170



June 24, 2004

Mirant Oregon, LLC
c/o Mirant California
1350 Treat Blvd., Suite 500
Walnut Creek, CA 94597
Attn: Anne M. Cleary, President

Dear Ms. Cleary:

Enclosed please find two signed originals of the Letter of Intent for the potential purchase of Coyote Springs Unit 2 from Mirant Oregon, LLC. Please sign both originals and return one to me.

If you have any questions, please call me at 509 495-8093 or Ron Peterson at 509 495-8045.

Sincerely,

A handwritten signature in black ink that reads "Steven G. Silkworth". The signature is written in a cursive style with a small flourish above the 'i' in "Silkworth".

Steven G. Silkworth
Wholesale Power Manager

Enclosure



Confidential and Proprietary

June 25, 2004

Mirant Oregon, LLC
c/o Mirant California
1350 Treat Blvd., Suite 500
Walnut Creek, CA 94597
Attn: Anne M. Cleary, President

Ladies and Gentlemen:

This letter of intent ("**Letter of Intent**"), effective on the date when executed by all the Parties hereto (the "**Effective Date**"), will evidence the current mutual intent, as set forth in Article I below, of MIRANT OREGON, LLC, a Delaware limited liability company ("**Mirant**"), and AVISTA CORPORATION, a Washington corporation ("**Avista**"), with respect to the potential purchase (the "**Transaction**") by Avista of Mirant's 50% undivided ownership interest, as tenant-in-common, in the Coyote Springs Unit 2 generation facility (the "**Facility**"), consisting of an approximately 280 MW gas-fired, combined-cycle power plant, in Boardman, Oregon, including Mirant's undivided ownership interest in certain components shared with the adjacent Coyote Springs Unit 1 generation facility owned by Portland General Electric. Mirant and Avista are sometimes referred to individually as a "**Party**" herein and collectively as the "**Parties.**" Mirant is wholly owned by Mirant Americas, Inc. ("**MAI**"). MAI and certain of its affiliates have filed voluntary petitions for relief under chapter 11 of title 11 of the United States Code (the "**Bankruptcy Code**") in the United States Bankruptcy Court for the Northern District of Texas (the "**Bankruptcy Court**") and continue to operate their respective businesses as debtors and debtors in possession.

Attached to this Letter of Intent as Exhibit A is a proposal for the Transaction (the "**Proposal**") under which Mirant and Avista are prepared to complete the Transaction if they are able to reach mutually satisfactory definitive agreements for consummation of the Transaction and if they evidence their willingness to proceed with the Transaction by executing and delivering those agreements.

The matters set forth in Article I and Exhibit A are not intended to and do not constitute a binding agreement of the Parties to consummate the Transaction. Any such binding agreement between the Parties will only arise upon the negotiation, execution and delivery of mutually satisfactory definitive agreements and the satisfaction of the conditions set forth therein, including without limitation, the satisfactory completion by the Parties of their respective due diligence inquiries and the approval of such agreements by the Parties' respective board of directors or other required internal approval, all required regulatory approvals and satisfaction of certain requirements of the Bankruptcy Code, including approval of the Bankruptcy Court and any requisite approvals pursuant to MAI's postpetition debtor in possession financing facility.

The matters set forth in Article II do constitute binding agreements of the Parties.

Article I Transaction Documents

1. **Definitive Agreements.** The Parties will exercise good-faith efforts to diligently negotiate an Asset Purchase Agreement with respect to the Facility and such other definitive agreements necessary to accomplish the Transaction (collectively, the "**Definitive Agreements**"). The Parties anticipate that Definitive Agreements, if entered into, will include provisions substantially similar to those set forth in the Proposal, together with such other provisions as the Parties may conclude are necessary or appropriate for the consummation of the Transaction.
2. **No Obligation to Enter.** Neither Party is obligated by this Letter of Intent to enter into any of the Definitive Agreements with the other Party with respect to the Transaction or any other matter.

Article II Binding Provisions

1. **Confidentiality.** The Parties agree that this Letter of Intent and the matters identified in it are "Confidential Information" under the provisions of that certain Confidentiality Agreement dated of even date herewith, between Mirant and Avista (the "**Confidentiality Agreement**"), and that the terms and conditions of the Confidentiality Agreement remain in full force and effect.
2. **Term.** Unless extended or earlier terminated by mutual written agreement of the Parties, this Letter of Intent shall remain in effect during the period from the Effective Date until the earliest to occur of (a) the execution of Definitive Agreements, (b) the date on which either party provides the other with written notice that negotiations toward Definitive Agreements are terminated, or (c) July 31, 2004, (the earliest to occur of such dates being referred to herein as the "**Termination Date**").
3. **Restricted Dealings.** During the term of this Letter of Intent, Mirant agrees not to, and agrees to cause its affiliates and representatives not to, solicit or entertain offers from, negotiate with or in any manner encourage, discuss, accept or consider any proposal of any other person or entity relating to the sale, acquisition or transfer of Mirant's interest in the Facility. During the term of this Letter of Intent, Avista agrees not to, and agrees to cause its affiliates and representatives not to, solicit or entertain offers from, negotiate with or in any manner encourage, discuss, accept or consider any proposal of any other person or entity relating to the sale or transfer by Avista (or its affiliates or representatives) of all or part of a power generation asset in Boardman, Oregon or within the surrounding 50 miles thereof. In the event that the parties execute Definitive Agreements, it is understood that the Transaction contemplated thereby will be subject to higher or otherwise better offers submitted in connection with a Bankruptcy Court supervised auction and sale approval process; provided that such process shall be conducted in accordance with the procedures set forth in such Definitive Agreements, as more specifically contemplated on Exhibit A.

4. **Capital and Operating Expenses.** For the avoidance of doubt, the obligations of the Parties to fund capital and operating expenses of the Facility shall be as provided in the Co-Tenancy and Joint Operating Agreement, dated as of January 1, 2003 between the Parties (the "**Operating Agreement**"). Notwithstanding the foregoing, for the period from the date of this Letter of Intent until the closing under Definitive Agreements (provided the Transaction is consummated): (i) any capital expenditures made by Mirant shall be repaid to Mirant in full at such closing, and (ii) any prepaid operating expenditures made by Mirant shall be repaid to Mirant as part of a working capital adjustment under the Definitive Agreements.

5. **Expenses.** Each Party shall bear its own costs and expenses associated with negotiating and performing under this Letter of Intent; provided however, that if the Parties execute Definitive Agreements, Avista will be entitled to customary bidding protections and procedures as set forth in Exhibit A. For the avoidance of doubt, the expenses of Coyote Springs 2, LLC, a Delaware limited liability company (the "**Project Company**") associated with negotiating this Letter of Intent and any Definitive Agreements and the execution of the Transaction (including without limitation the fees and expenses of Heller Ehrman White & McAuliffe LLP, counsel to the Project Company, shall be borne by the Project Company which shall be funded 50% by Mirant and 50% by Avista for this purpose.

6. **Approval.** Neither Party shall be bound by any of the Definitive Agreements until (a) such Party's respective board of directors, or other required internal approval process, shall have approved such Definitive Agreements, (b) such Party shall have executed such Definitive Agreements, and (c) all conditions precedent to the effectiveness of such Definitive Agreements shall have been satisfied, including without limitation any conditions precedent relating to (i) the obtaining of any and all requisite federal, state or local regulatory orders, consents or approvals and (ii) payment by Mirant of its outstanding obligations pursuant to the Operating Agreement. Without limiting in any manner the foregoing, the Parties acknowledge and agree that in no event shall either Party be obligated to proceed with the Transaction, and that each may, prior to the execution and delivery of such Definitive Agreements, decline to proceed with the Transaction in its sole discretion.

7. **Entire Agreement.** The binding portions of this Letter of Intent, together with the Proposal, constitute the entire agreement of the Parties relating to the subject matter hereof and supersede all prior discussions, agreements or understandings, whether oral or written, relating to such subject matter. There are no other written or oral agreements or understandings among the Parties with respect to the Transaction. Any waiver of any term or amendment of this Letter of Intent must be written and signed by both Parties. The binding provisions of this Letter of Intent may not be waived except in writing by the Party who has the right to enforce such provisions; provided, however, that Paragraphs 6, 9 and 12 may not be waived under any circumstances. No failure to exercise, no delay in exercising, and no course of dealing or trade custom with respect to, any provision of this Letter of Intent shall be deemed to waive any such provision.

8. **Governing Law.** This letter of intent shall be governed by and construed in accordance with the laws of the State of New York, without giving effect to conflict of laws principles.

9. Non-Inclusive; Non-Binding. Neither this Letter of Intent, the attached Proposal, nor any other proposal, correspondence or course of dealing identifies all matters upon which agreement must be reached in order for the Transaction to be completed or for any Definitive Agreements to be finalized and executed. Except with respect to the obligations of the Parties expressly set forth in Article II, this Letter of Intent does not create and is not intended to create a binding and enforceable contract between the Parties as to the Transaction or any obligation to enter into or proceed with the Transaction, and may not be relied upon by a Party as the basis for a contract by estoppel or otherwise with respect to any matter. A binding commitment with respect to the Transaction can only result from the execution and delivery of Definitive Agreements.

10. Assignment. Neither Party may assign or otherwise transfer its interest in this Letter of Intent without the prior written consent of the other Party.

11. Relationship of the Parties. The Parties shall not be deemed in a relationship of partners or joint venturers by virtue of this Letter of Intent, nor shall either Party be an agent, representative, trustee or fiduciary of the other. Neither Party shall have any authority under this Letter of Intent to bind the other to any agreement or obligation.

12. Limitation of Liability. UNDER NO CIRCUMSTANCES SHALL EITHER PARTY HERETO BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR INDIRECT DAMAGES, LOST PROFITS OR OTHER BUSINESS INTERRUPTION DAMAGES, WHETHER BY STATUTE, IN TORT OR CONTRACT OR OTHERWISE, IN CONNECTION WITH THE TRANSACTIONS CONTEMPLATED HEREBY.

13. Confidentiality; Press Releases. Each of the Parties agrees that, except as required by law, it will not disclose to any person other than its representatives the identity of the other Parties as it relates to the negotiation of the Transaction. Neither Party shall issue a press release or make any public statement with respect to the Transaction without the prior approval of the other Party, which approval shall not be unreasonably withheld or delayed.

If the provisions of Article I and Exhibit A correctly set forth our current understanding as to the non-binding nature of our discussions regarding Definitive Agreements, and the provisions of Article II set forth our binding agreements with respect to the matters set forth therein, please execute both originals of this Letter of Intent in the space provided below, retain one fully-executed original for your file, and return one of the other originals to the undersigned. This Letter of Intent may be executed in counterparts, and all such counterparts together shall constitute but one agreement.

Very truly yours,

AVISTA CORPORATION

By: _____



Name: Ronald R. Peterson

Title: Vice President Energy Resources

ATM

Acknowledged, Agreed to and Accepted,
this 12th day of ~~June~~, 2004:
July

MIRANT OREGON, LLC

By: Anne M. Cleary
Name: Anne M. Cleary
Title: President

Exhibit A
Proposed Terms and Conditions

<p>1. Purchase Price.</p>	<p>The Purchase Price for Mirant's 50% undivided ownership interest, as tenant-in-common, in the Facility will be in the form of a cash payment by Avista to Mirant in an amount equal to US\$62,500,000.00 in immediately available funds to be made at closing.</p> <p>If Mirant agrees to sell, and Avista agrees to buy, Mirant's 50% ownership interest in the Project Company as part of the Transaction, Mirant and Avista will agree upon a mutually acceptable price.</p>
<p>2. No Financing Contingency.</p>	<p>Avista has ample funds available to support its offer; accordingly, Avista's offer is not subject to any financing contingency.</p>
<p>3. Deposit.</p>	<p>Upon completion of due diligence and execution of Definitive Agreements, Avista shall deposit into escrow with a third party custodian reasonably satisfactory to Mirant an amount to be agreed that will be in immediately available funds (the "<i>Deposit</i>"). If the Transaction is consummated, the Deposit shall be applied as a partial payment of the Purchase Price. If the Transaction is not consummated for any reason (other than due to a breach by Avista of the Definitive Agreements that leads to termination of the Definitive Agreements in accordance with their terms), the Deposit shall be refunded to Avista.</p>
<p>4. Closing.</p>	<p>Subject to, among other things, receipt of any required third-party, governmental or other regulatory approvals and satisfaction of Mirant's outstanding funding obligations, if any, pursuant to the Operating Agreement, it is anticipated that the transaction could be closed within 45-60 days of the date that a motion is filed by MAI and/or its debtor affiliates with the Bankruptcy Court seeking appropriate approval of the Transaction. Closing shall occur within 5 Business Days after all conditions precedent have been satisfied.</p>
<p>5. Approvals</p>	<p>Avista shall be responsible for filing all necessary Hart-Scott-Rodino ("HSR"), Federal Electric Regulatory Commission ("FERC") and Oregon Energy Facility Siting Council approvals. Mirant shall use commercially</p>

	<p>reasonable efforts to assist Avista in obtaining all regulatory approvals. MAI and Mirant shall use their commercially reasonable efforts to obtain Bankruptcy Court approval of orders, both in form and substance acceptable to Avista, (a) approving bidding protections and procedures, as described in paragraph 7 hereof, and (b) authorizing the consummation of the Transaction, each within the time periods prescribed in the Definitive Agreements.</p>
<p>6. Related Transmission Agreements</p>	<p>It is understood that the power transmission agreements listed on Annex I hereto are currently held by MAI or its debtor affiliates for the benefit of Mirant's 50% interest in the Facility. The parties agree that, to the extent possible and economically practicable, MAI or its debtor affiliates will transfer or assign such agreements or otherwise make available such power transmission service as part of the Transaction. The parties recognize that any assignment of such agreements may require (i) the filing of a motion by MAI and/or its debtor affiliates with the Bankruptcy Court for approval of such assignment and (ii) FERC approval. The parties further agree that to the extent possible and economically practicable, MAI or its debtor affiliates will transfer or assign any requests MAI or its debtor affiliates have pending for long-term transmission service from the Bonneville Power Administration or other transmission providers.</p>
<p>7. Timing</p>	<p>The Parties anticipate that the Transaction will be subject to higher or otherwise better offers submitted in connection with a Bankruptcy Court supervised auction and sale approval process (Parties shall consider jointly whether auction process will be run through the Bankruptcy Court). Accordingly, the Parties anticipate the following steps in the Transaction:</p> <ul style="list-style-type: none">• Execution of this Letter of Intent;• Negotiation and execution of mutually acceptable Definitive Agreements;• Filing of motion by MAI and/or its debtor affiliates with the Bankruptcy Court to seek approval of the Transaction and customary bidding protections and procedures, including without limitation, customary overbid protections and payment of a termination fee expected to be in the range of 2-3% of the Purchase Price (the

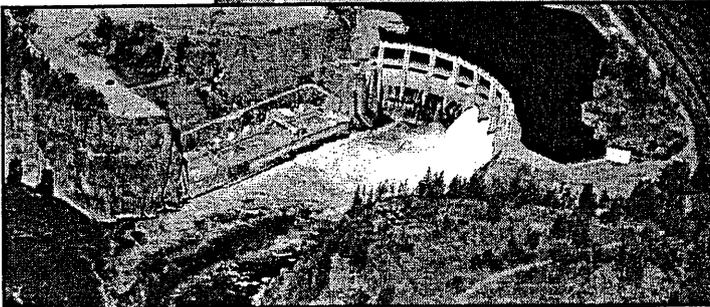
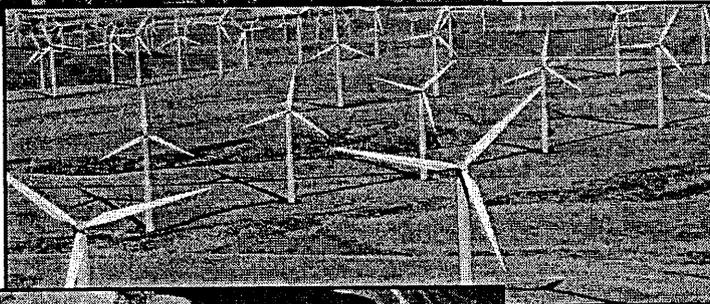
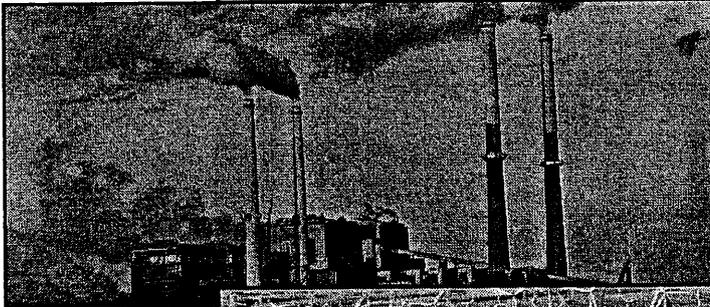
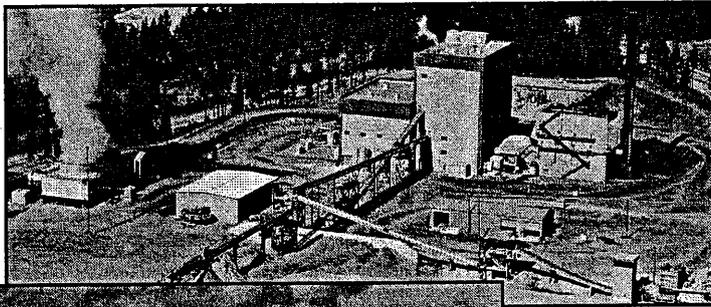
	<p>“Termination Fee”) and payment of Avista’s reasonable fees and expenses up to a cap to be agreed, including attorneys fees and expenses, in certain specified circumstances to be defined in the Definitive Agreements; <u>provided</u>, that in the event the auction process is not run through the Bankruptcy Court, the parties will provide for such bidding protections and procedures in the Definitive Agreements.</p> <ul style="list-style-type: none"> • Filing of all requisite regulatory approvals, including without limitation Hart-Scott-Rodino filing, FERC filing and approval from the Oregon Energy Facility Siting Council for permission to transfer the Site Certificate.
<p>8. Approval of Third Person Purchaser</p>	<p>It is understood, that if in accordance with the procedures referenced above Mirant’s interest in the Facility is to be transferred to a person other than Avista, such transfer shall be to a third party that meets certain minimum qualifications substantially based on those set forth in the definition of a Third Person Purchaser in the Operating Agreement and as Mirant and Avista shall agree otherwise in the Definitive Agreements.</p>
<p>9. Documentation.</p>	<p>It is anticipated that the Transaction will be subject to the same basic documentation that similar transactions between the parties or their affiliates have used previously. Mirant and Avista acknowledge and agree that neither party may retain Heller Erhman White & McAuliffe LLP in relation to the Transaction, however Heller Erhman White & McAuliffe LLP may be retained solely by Coyote Springs 2, LLC for assistance in providing form documents and in seeking appropriate approvals (including those set forth in paragraph 4 of this Proposal) and the Project Company shall be responsible for Heller Ehrman’s fees and expenses. Both Mirant and Avista shall retain separate counsel to assist and advise on the Definitive Agreements and the Transaction generally.</p>

EXHIBIT G

2003 Integrated Resource Plan Excerpts re Preferred Resource Mix

AVISTA[®]

Corp.



2003 Integrated Resource Plan

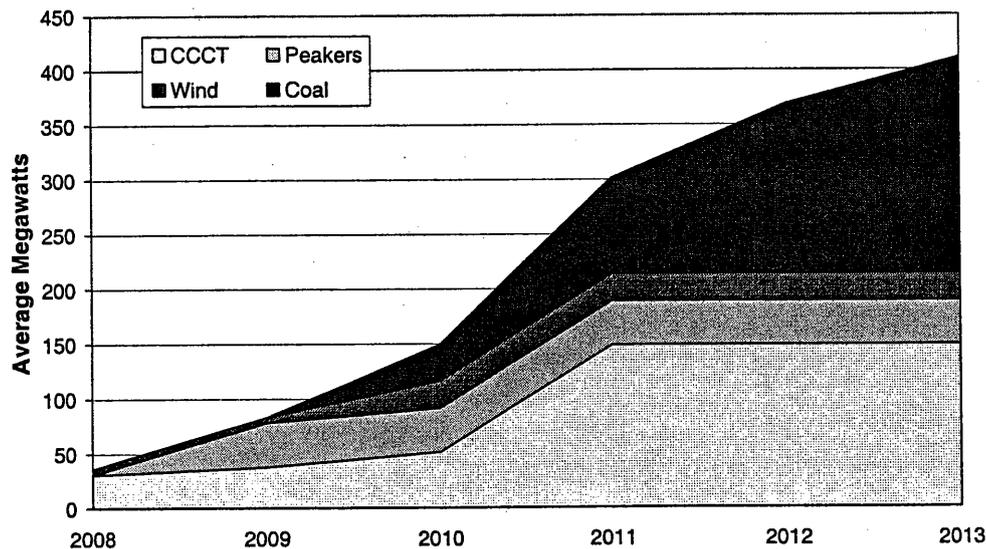
The Preferred Resource Mix

Based on the conditions and limitations listed above, the LP Module determined a preferred mix of new resources to meet the Company's future requirements. The *Preferred Resource Strategy* includes the following mix of resources and quantities during the first ten years of the study (2004-2013):

- 149 aMW of CCCT
- 25 aMW of wind
- 197 aMW coal
- 40 aMW of SCCT

By the end of the first ten years, a total of 411 aMW are developed. A depiction of the *Preferred Resource Strategy* is included in the following graph. Significant annual deficiencies do not develop until 2008, so the chart details only the years 2008 through 2013.

Chart 7.6
Preferred Resource Mix (in aMW)
2008-2013



After 2013, only coal is selected as a result of a change in the relationship between natural gas and coal prices. Natural gas prices over the IRP term increase faster than coal, making coal generation less costly in later years. In total, between 2014 and 2023, an additional 566 aMW of coal resources are selected in the *Preferred Resource Strategy*.

Costs of Preferred Resource Strategy Versus "No Additions"

Expected cost over the IRP term has traditionally been the benchmark of least-cost planning; and generally includes capital recovery, operation and maintenance, fuel, and transmission costs. This IRP continues to focus on expected power supply cost on a net present value (NPV) basis. Under *No Additions*, where no resource acquisitions are made, the ten-year NPV of the power

EXHIBIT H

August/September 2004 Loads and Resources Position

Avista Utilities
Long-Term Energy Load and Resource Tabulation (aMW)
2005-2024

August 13, 2004

Long-Term Energy Load and Resource Tabulation (aMW)
CONFIDENTIAL

Last Updated August 13, 2004 Notes 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

AVERAGE LOAD & HYDRO PLANNING											
REQUIREMENTS											
System Load	1	(1,008)	(1,041)	(1,063)	(1,093)	(1,126)	(1,156)	(1,187)	(1,212)	(1,237)	(1,265)
Contract Obligations	2	(61)	(59)	(59)	(59)	(59)	(57)	(57)	(56)	(56)	(56)
Total Requirements		(1,069)	(1,100)	(1,122)	(1,152)	(1,185)	(1,213)	(1,244)	(1,268)	(1,293)	(1,320)
RESOURCES											
Contract Rights	4	216	233	236	235	236	235	131	113	113	106
Hydro	3	532	511	511	511	505	481	477	461	460	459
Base Load Thermals	5	241	234	234	242	232	236	240	235	234	238
Gas Dispatch Units	6	162	157	162	154	162	157	162	154	162	157
Total Resources		1,151	1,136	1,143	1,143	1,135	1,109	1,010	963	970	961
POSITION		82	36	21	(10)	(50)	(104)	(234)	(304)	(324)	(360)

CONTINGENCY PLANNING											
Confidence Interval	7	(163)	(160)	(160)	(160)	(159)	(155)	(155)	(151)	(151)	(151)
WNP-3 Obligation	8	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)
Peaking Resources	9	139	135	138	138	137	134	138	138	137	138
CONTINGENCY NET POSITION		27	(21)	(32)	(63)	(104)	(156)	(282)	(349)	(369)	(404)

Notes:

1. Load estimates are from the 2005 load forecast (07-27-2004) including the forecast for net Potlatch load.
2. Includes Nichols Pumping and Canadian Entitlement Return contracts. Does not include WNP-3 Obligation.
3. Average (60-year) hydro generation for system hydro (Clark Fork and Spokane River projects) and contract hydro (Mid-Columbia) based on NWPP 2003-04 Headwater Benefits Study, modified for daily spill. Mid-C numbers reflect the Priest Rapids and Wanapum contract extensions beginning in 2005.
4. Includes small PURPA contracts, Upriver, El Paso 2004-2006 25 MW flat, Duke 2004-2006 50 MW flat, Morgan Stanley 2004-2006 25 MW flat, El Paso 2007-2010 75 MW flat, BP Energy 2007-2010 25 MW flat, Grant Displacement, PPM Wind, and WNP-3 Receipt.
5. Includes Colstrip and Kettle Falls at full capability, adjusted for maintenance and forced outage.
6. Includes Coyote Springs 2, Coyote Springs 2 duct burner, Boulder Park, and Kettle Falls CT at full capability, adjusted for maintenance and forced outage. The confidence interval represents the 12-month average of reserve energy necessary to ensure no more than a 10 percent probability of loads exceeding, and/or hydro underperforming, during a given month.
7. Represents highest level of potential obligation to BPA, generally exercised under low hydro conditions.
8. Includes Northeast and Rathdrum at full capability, adjusted for forced outage and maintenance.
9. Northeast is limited to 1,700 hours of operation per year, which has been applied to the period of highest typical market prices.

Avista Utilities
Long-Term Peak Load and Resource Tabulation (MW)
2005-2024

September 1, 2004

Long-Term Capacity Load and Resource Tabulation (MW)
CONFIDENTIAL

Last Updated September 1, 2004 Notes 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

PEAK LOAD AND RESOURCE PLANNING												
REQUIREMENTS												
System Load	1	(1,549)	(1,604)	(1,637)	(1,683)	(1,723)	(1,779)	(1,813)	(1,864)	(1,903)	(1,945)	
Contracts Obligations	2	(170)	(166)	(166)	(166)	(161)	(161)	(159)	(159)	(159)	(159)	
Total Requirements		(1,718)	(1,770)	(1,803)	(1,849)	(1,884)	(1,940)	(1,972)	(2,023)	(2,062)	(2,104)	
RESOURCES												
Contracts Rights	4	212	212	215	215	216	215	97	98	98	98	
Hydro Resources	3	1,108	1,101	1,093	1,093	1,039	1,032	1,001	979	992	991	
Base Load Thermals	5	275	275	275	275	275	275	275	275	275	275	
Gas Dispatch Units	6	171	166	166	170	166	166	171	166	166	170	
Peaking Units	7	243	243	243	243	243	243	243	243	243	243	
Total Resources		2,008	1,997	1,992	1,996	1,939	1,932	1,786	1,761	1,774	1,777	
PEAK POSITION		289	227	189	147	55	(9)	(186)	(262)	(289)	(327)	

RESERVE PLANNING												
Planning Reserve Margin	8	(245)	(250)	(254)	(258)	(262)	(268)	(271)	(276)	(280)	(285)	
RESERVE PEAK POSITION		45	(23)	(65)	(111)	(208)	(277)	(457)	(538)	(569)	(612)	

Notes:

- All data based on monthly peak deficits from period November through February.
1. Load estimates are from the 2005 peak load forecast (07-27-2004) including the forecast for net Pottlatch load.
 2. Includes Nichols Pumping, Canadian Entitlement Return, and PGE Capacity contracts.
 3. Peak hydro generation for system hydro (Clark Fork and Spokane River projects, excluding maintenance) and contract hydro (Mid-Columbia, including maintenance). Mid-C numbers reflect the Priest Rapids and Wanapum contract extensions beginning in 2005.
 4. Includes small PURPA contracts, Upriver, El Paso 2004-2006 25 MW flat, Duke 2004-2006 50 MW flat, Morgan Stanley 2004-2006 25 MW flat, El Paso 2007-2010 75 MW flat, BP Energy 2007-2010 25 MW flat, Grant Displacement, and WNP-3 Receipt.
 5. Includes Colstrip and Kettle Falls, adjusted for maintenance.
 6. Includes 50% of Coyote Springs 2 and Coyote Springs 2 duct burner, Boulder Park, and Kettle Falls CT, adjusted for maintenance.
 7. Includes Northeast and Rathdrum, adjusted for maintenance.
 8. Includes 10% of peak load (to approximate load variability) and 90 MW (to approximate the risk of river freeze-up and partial forced outages).

EXHIBIT I

May 2004 Analysis

May 2004 Analysis

Value Analysis

AURORA was utilized to dispatch 50% of Coyote Springs 2 (including the duct burner) against 20-year sets of fixed hourly market prices starting in 2005, as described further below. AURORA incorporated the plant's dispatch characteristics (e.g., minimum up time) to simulate hourly operation and ultimately determine the value of the resource versus each set of market prices.

The electric and natural gas prices utilized in AURORA were initially based on monthly forward prices taken from NUCLEUS on April 8, 2004. These prices were shaped hourly based on prices from the 2003 Idaho General Rate Case. The resulting prices matched forward prices on a monthly basis, but retained the hourly shape from the rate case. Electric and natural gas prices were tied directly to NUCLEUS forward prices through 2008, and escalated at 3% thereafter.

Numerous price scenarios, representing potential future spark spreads¹, were then created and used as input prices for individual AURORA runs. Spark spread modifications were implemented through changes to natural gas prices. Ultimately, four scenarios were used to represent likely potential futures. These scenarios are described below:

1. *Increasing Spark Spread*

In this scenario spark spreads increased over time. Electric prices increased at 3% while natural gas prices increased at 2% through the end of the study. This resulted in a gradual increase in the spark spread through 2024. The resulting average spread was 9,453 BTU/kWh, growing from 8,572 in 2005 to 10,346 in 2024. This scenario was designed to reflect a market where electric prices are rising faster than gas prices.

2. *Forwards/IRP Spark Spread*

Spark spreads in this scenario were tied to forward prices through 2008. After 2008, annual spreads were matched with those from the 2003 Integrated Resource Plan (IRP). The average spark spread for this scenario was 10,928, growing from 8,165 in 2005 to 12,476 in 2024. This scenario was designed to capture the most expected short and long-term prices. Forward prices were used because they represent the actual prices available for purchases in the current forward market. IRP prices were used because the IRP included significant analysis to estimate long-term market conditions.

3. *10,500 Spark Spread*

In this scenario the annual spark spread was set to 10,500 for the duration of the study. As with the other scenarios, the spread still maintained the monthly shape inherent in the forwards. This scenario was designed to represent a market where a CCCT would be marginally cost-effective through the entire duration of the study.

4. *IRP Prices*

Spark spreads in this scenario were taken directly from the 2003 IRP. The resulting average was 12,482 BTU/kWh. This scenario effectively compares the plant against the avoided costs that have been established for PURPA contracts.

¹ For the purposes of this document, the term "spark spread" is used to describe the heat rate implied by the relationship between natural gas and electric market prices. The spark spread for a given time period is the electric price divided by the natural gas price multiplied by 1,000 (e.g., $\$45 / \$5 * 1000 = 9000$ Btu/kWh).

The results for each scenario were adjusted by two factors. First, \$2 million per year was added as an estimate for the value of the optimization of turbine fuel purchases through "heat rate swaps" (transactions in the forward gas and electric markets to either buy fuel for the plant and sell power or sell fuel from the plant and buy the power, depending on the spark spread). Next, margins generated by the plant during Q2 of each year through 2008 were removed to represent a conservative possibility that transmission may be restricted during certain periods in that quarter. Transmission issues are further detailed later in the document.

The results for each scenario were input into a revenue requirements model and a marginal benefit value, compared to the breakeven purchase price, was determined. Refer to the following table for the detailed results.

Table 3 – Detailed Scenario Results

Scenario	Average Spark Spread (Btu/kWh)	Base Value ¹		W/ Option Value ²		W/O Q2 Trans ³	
		(\$000)	(\$/kW)	(\$000)	(\$/kW)	(\$000)	(\$/kW)
Increasing Spark	9,453	21,322	150	46,144	324	46,159	324
Forwards/IRP Spark	10,928	43,164	303	67,986	478	67,966	478
10,500 Spark	10,500	45,633	321	70,455	495	70,471	495
IRP Prices	12,482	92,101	647	116,923	822	116,385	818

- (1) Value taken directly from AURORA model runs.
- (2) Includes estimate of \$2 million for value of heat rate swaps.
- (3) Assumes no generation during Q2 through 2008.

The second scenario, "Forwards/IRP Spark," was determined to be the most expected representation of future market prices because it incorporates the best representations of short-term and long-term market conditions. Forward prices, because they represent actual prices for gas and electricity in the current forward market, are the best representation of short-term prices. But since forwards are only available for two to three years out, they are not adequate to represent long-term market conditions. The 2003 IRP, on the other hand, incorporated significant analysis utilizing the AURORA model to estimate long-term market conditions.

As shown in Table 3 above, the resulting breakeven market value for 50% of Coyote Springs 2 was roughly \$68 million.

* Note: See CS2 Acquisition of Second Half – 2004, Book 2, tab labeled “Option Value Back-Cast Analysis” (9-24-04) for a description of the option value analysis

Coyote Springs 2 Balance of Plant Analyses

<u>Scenario</u>	<u>Heat Rate</u> (Btu/kWh)	<u>Base Value</u> (\$000)	<u>W/ Option Value*</u> (\$000)	<u>W/O Q2 Trans**</u> (\$/kW)
Increasing Spark	9,453	21,322	46,144	324
Forwards/IRP Spark	10,928	43,164	67,986	478
10,500 Spark	10,500	45,633	70,455	495
IRP Prices	12,482	92,101	116,923	822
				46,159
				67,966
				70,471
				116,385
				324
				478
				495
				818

Scenario

Description

Increasing Spark Spark spread grows after forwards - electric price escalates at 3%, gas at 2%.
 Forwards/IRP Spark Spark spread based on forwards thru 2008, then based on 2003 IRP.
 10,500 Spark Average spark spread has been increased to 10,500 BTU/kWh.
 IRP Prices Electric and natural gas prices are based on 2003 IRP.

* Includes conservative estimate of \$2MM for value of heat rate swaps.

** Assumes no transmission is available during Q2 through 2008.

Electric and Natural Gas Prices Used for 50% CS2 Analysis

Year	Increasing Spark		Fwd/IRP Spark		10,500 Spark		IRP Prices	
	Elec	Gas	Elec	Gas	Elec	Gas	Elec	Gas
2005	42.74	4.99	42.74	5.23	42.74	4.09	34.86	4.05
2006	42.31	4.64	42.31	4.92	42.31	3.84	36.42	3.97
2007	42.31	4.90	42.31	5.25	42.31	4.10	38.25	4.19
2008	42.31	4.89	42.31	5.28	42.31	4.13	42.41	4.37
2009	43.65	4.88	43.65	4.46	43.65	4.16	46.29	4.48
2010	44.98	4.98	44.98	4.33	44.98	4.28	49.98	4.57
2011	46.33	5.08	46.33	4.23	46.33	4.41	52.60	4.75
2012	47.73	5.18	47.73	4.20	47.73	4.55	55.13	4.67
2013	49.16	5.29	49.16	4.35	49.16	4.68	57.48	4.89
2014	50.62	5.39	50.62	4.34	50.62	4.82	58.29	4.91
2015	52.16	5.50	52.16	4.43	52.16	4.97	59.65	5.08
2016	53.72	5.61	53.72	4.59	53.72	5.12	62.73	5.27
2017	55.33	5.72	55.33	4.64	55.33	5.27	64.67	5.35
2018	56.98	5.84	56.98	4.83	56.98	5.43	64.73	5.54
2019	58.70	5.96	58.70	4.88	58.70	5.59	66.95	5.59
2020	60.48	6.08	60.48	4.93	60.48	5.76	69.24	5.71
2021	62.28	6.19	62.28	5.16	62.28	5.93	70.35	5.92
2022	64.15	6.32	64.15	5.46	64.15	6.11	71.24	5.96
2023	66.08	6.45	66.08	5.30	66.08	6.29	75.32	6.18
2024	68.05	6.58	68.05	5.45	68.05	6.48	245.00	6.50
								37,663

Rate Impacts

An analysis was performed to determine the rate impacts of the selected scenario at various purchase prices. The table below shows the estimated rate impacts for the breakeven price of \$68 million, based upon the "Forwards/IRP Spark" scenario and the purchase price of \$62.5 million that was negotiated as a basis for the non-binding letter of intent to purchase the second half of the Coyote Springs 2 project.

Table 4 – Estimated Rate Impacts

Year	\$68 MM (\$250/kW)		\$62.5 MM (\$375/kW)	
	(\$000)	(percent)	(\$000)	(percent)
2005	9,849	2.2%	8,847	2.0%
2006	8,218	1.8%	7,248	1.5%
2007	9,467	1.9%	8,533	1.8%
2008	9,368	1.9%	8,468	1.7%
2009	3,582	0.7%	2,715	0.5%
2010	1,470	0.3%	635	0.1%
2011	(587)	-0.1%	(1,391)	-0.2%
2012	(2,404)	-0.4%	(3,179)	-0.5%
2013	(2,860)	-0.5%	(3,605)	-0.6%
2014	(4,559)	-0.7%	(5,276)	-0.8%
2015	(5,647)	-0.8%	(6,334)	-1.0%
2016	(6,304)	-0.9%	(6,962)	-1.0%
2017	(7,644)	-1.1%	(8,273)	-1.1%
2018	(8,151)	-1.1%	(8,751)	-1.2%
2019	(9,655)	-1.2%	(10,226)	-1.3%
2020	(11,238)	-1.4%	(11,780)	-1.5%
2021	(11,466)	-1.4%	(11,979)	-1.4%
2022	(11,354)	-1.3%	(11,838)	-1.4%
2023	(14,595)	-1.6%	(15,050)	-1.7%
2024	(15,636)	-1.6%	(16,062)	-1.7%
NPV	0		(7,477)	

Coyote Springs 2 Rate Impacts

Year	\$62.5MM (\$439/kW) (\$000)	(percent)	\$53MM (\$375/kW) (\$000)	(percent)	\$71MM (\$500/kW) (\$000)	(percent)	\$107MM (\$750/kW) (\$000)	(percent)
2005	8,847	2.0%	7,171	1.6%	10,431	2.3%	16,950	3.8%
2006	7,248	1.5%	5,625	1.2%	8,781	1.9%	15,093	3.2%
2007	8,533	1.8%	6,970	1.4%	10,010	2.1%	16,091	3.3%
2008	8,468	1.7%	6,961	1.4%	9,890	2.0%	15,748	3.1%
2009	2,715	0.5%	1,264	0.2%	4,086	0.8%	9,729	1.8%
2010	635	0.1%	(763)	-0.1%	1,955	0.4%	7,391	1.3%
2011	(1,391)	-0.2%	(2,737)	-0.5%	(119)	0.0%	5,116	0.9%
2012	(3,179)	-0.5%	(4,475)	-0.8%	(1,955)	-0.3%	3,087	0.5%
2013	(3,605)	-0.6%	(4,853)	-0.8%	(2,427)	-0.4%	2,424	0.4%
2014	(5,276)	-0.8%	(6,474)	-1.0%	(4,143)	-0.6%	518	0.1%
2015	(6,334)	-1.0%	(7,484)	-1.1%	(5,248)	-0.8%	(775)	-0.1%
2016	(6,962)	-1.0%	(8,064)	-1.2%	(5,922)	-0.9%	(1,639)	-0.2%
2017	(8,273)	-1.1%	(9,326)	-1.3%	(7,279)	-1.0%	(3,185)	-0.4%
2018	(8,751)	-1.2%	(9,755)	-1.3%	(7,803)	-1.0%	(3,898)	-0.5%
2019	(10,226)	-1.3%	(11,181)	-1.4%	(9,323)	-1.2%	(5,608)	-0.7%
2020	(11,780)	-1.5%	(12,687)	-1.6%	(10,923)	-1.3%	(7,396)	-0.9%
2021	(11,979)	-1.4%	(12,838)	-1.5%	(11,169)	-1.3%	(7,830)	-0.9%
2022	(11,838)	-1.4%	(12,647)	-1.4%	(11,073)	-1.3%	(7,923)	-0.9%
2023	(15,050)	-1.7%	(15,812)	-1.7%	(14,331)	-1.6%	(11,370)	-1.2%
2024	(16,062)	-1.7%	(16,775)	-1.8%	(15,388)	-1.6%	(12,615)	-1.3%
	Net Present Values							
20 Years	(7,477)		(20,113)		4,461		53,609	
5 Years	29,099		22,855		34,997		59,282	

NOTES:

- 1) Includes conservative estimate of \$2MM for value of heat rate swaps.
- 2) Assumes no transmission is available during Q2 through 2008.
- 3) Assumes \$450MM base revenue requirement, escalating @ 4% per year.
- 4) Spark spreads based on forward prices through 2008, IRP prices thereafter.

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions				
Installed Cost	62,500	2004 \$000s	187.50	2004 \$000s	Nominal Discount	8.2 percent
Installed Cost	439	2004 \$/kW	0	2004\$ per kW-mo	Real Discount	5.5 percent
Project Capacity	142.3	MW	1.75	2004\$ per kW-mo		
Heat Rate	7,444	Btu/kWh	3.0 percent	General Inflation		
Gas Usage Rate	25.4	000s dth/day	3.0 percent	Option Value		
				Insurance Cost		
				Gas Transport		
				Escalation Rates		
				Fixed O&M		
				Transportation		
				Option Value		

Year	Fixed Costs										Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$/MWh)	Total Project Costs (\$/MWh)		
	Energy (GWh)	Capital Recovery (\$000s)	Fixed Chrg. (\$000s)	Total Costs (\$000s)	Fixed (\$000s)	Girans (\$000s)	PrTax (\$000s)	Insur. (\$000s)	Total Costs (\$/MWh)	Total Fixed Costs (\$000s)							
1 2005	714.2	11,936	0	11,936	16.7	3,078	0	852	193	4,122	5.8	2,060	(9,847)	28,763	40.3	44,822	62.8
2 2006	723.5	11,544	0	11,544	16.0	3,170	0	822	199	4,191	5.8	2,122	(7,248)	27,605	38.2	43,341	59.9
3 2007	689.3	11,178	0	11,178	16.2	3,265	0	793	205	4,263	6.2	2,185	(6,533)	27,877	40.4	43,318	62.8
4 2008	690.8	10,831	0	10,831	15.7	3,464	0	764	211	4,338	6.3	2,251	(8,468)	28,229	40.9	43,398	62.8
5 2009	809.4	10,481	0	10,481	12.9	3,568	0	734	217	4,415	5.5	2,319	(2,715)	28,210	34.9	43,105	53.3
6 2010	880.9	10,225	0	10,225	11.6	3,675	0	705	224	4,497	5.1	2,388	(6,35)	29,885	33.9	44,606	50.6
7 2011	929.7	9,951	0	9,951	10.7	3,785	0	676	231	4,581	4.9	2,460	1,391	30,936	33.3	45,468	48.9
8 2012	944.7	9,656	0	9,656	10.2	3,899	0	646	238	4,669	4.9	2,534	3,179	31,324	33.2	45,649	48.3
9 2013	941.4	9,399	0	9,399	10.0	3,999	0	617	245	4,760	5.1	2,610	3,605	32,349	34.4	46,508	49.4
10 2014	946.3	9,103	0	9,103	9.6	4,015	0	587	252	4,855	5.1	2,688	5,276	32,549	34.4	46,506	49.4
11 2015	947.1	8,832	0	8,832	9.3	4,136	0	558	260	4,954	5.2	2,768	6,334	33,274	35.1	47,059	49.7
12 2016	949.0	8,587	0	8,587	9.0	4,260	0	529	267	5,056	5.3	2,852	6,952	34,522	36.4	48,164	50.8
13 2017	948.0	8,302	0	8,302	8.8	4,388	0	499	275	5,162	5.4	2,937	8,273	34,942	36.9	48,406	51.1
14 2018	947.1	8,059	0	8,059	8.5	4,519	0	470	284	5,273	5.6	3,025	8,751	36,240	38.3	49,573	52.3
15 2019	949.1	7,780	0	7,780	8.2	4,655	0	441	292	5,388	5.7	3,116	11,780	36,778	38.8	49,944	52.6
16 2020	954.0	7,510	0	7,510	7.9	4,795	0	411	301	5,507	5.8	3,209	11,979	37,488	39.3	50,504	52.9
17 2021	949.4	7,277	0	7,277	7.7	4,938	0	382	310	5,630	5.9	3,306	11,838	40,989	41.0	51,876	54.6
18 2022	946.7	7,069	0	7,069	7.5	5,087	0	352	319	5,758	6.1	3,405	11,838	40,989	43.3	53,817	56.8
19 2023	951.8	6,728	0	6,728	7.1	5,239	0	323	329	5,891	6.2	3,507	15,050	40,207	42.2	52,827	55.5
20 2024	954.7	6,489	0	6,489	6.8	5,396	0	294	339	6,029	6.3	3,612	16,062	41,552	43.5	54,070	56.6
Net Present Value		94,371	0	94,371		37,083	0	6,256	2,327	45,666	5.3	24,822	7,561	307,192	35.7	447,230	52.0
Nominal Levelized Cost (\$/MWh)					11.0								0.9				52.0
Real Levelized Cost (\$/MWh)					8.9								0.7				42.1

Coyote Springs 2 Rate Impacts

Year	\$36MM (\$250/kW) (\$000)	(percent)	\$53MM (\$375/kW) (\$000)	(percent)	\$71MM (\$500/kW) (\$000)	(percent)	\$107MM (\$750/kW) (\$000)	(percent)
2005	3,911	0.9%	7,171	1.6%	10,431	2.3%	16,950	3.8%
2006	2,469	0.5%	5,625	1.2%	8,781	1.9%	15,093	3.2%
2007	3,929	0.8%	6,970	1.4%	10,010	2.1%	16,091	3.3%
2008	4,033	0.8%	6,961	1.4%	9,890	2.0%	15,748	3.1%
2009	(1,557)	-0.3%	1,264	0.2%	4,086	0.8%	9,729	1.8%
2010	(3,481)	-0.6%	(763)	-0.1%	1,955	0.4%	7,391	1.3%
2011	(5,355)	-0.9%	(2,737)	-0.5%	(119)	0.0%	5,116	0.9%
2012	(6,996)	-1.2%	(4,475)	-0.8%	(1,955)	-0.3%	3,087	0.5%
2013	(7,278)	-1.2%	(4,853)	-0.8%	(2,427)	-0.4%	2,424	0.4%
2014	(8,805)	-1.4%	(6,474)	-1.0%	(4,143)	-0.6%	518	0.1%
2015	(9,720)	-1.5%	(7,484)	-1.1%	(5,248)	-0.8%	(775)	-0.1%
2016	(10,205)	-1.5%	(8,064)	-1.2%	(5,922)	-0.9%	(1,639)	-0.2%
2017	(11,373)	-1.6%	(9,326)	-1.3%	(7,279)	-1.0%	(3,185)	-0.4%
2018	(11,707)	-1.6%	(9,755)	-1.3%	(7,803)	-1.0%	(3,898)	-0.5%
2019	(13,039)	-1.7%	(11,181)	-1.4%	(9,323)	-1.2%	(5,608)	-0.7%
2020	(14,450)	-1.8%	(12,687)	-1.6%	(10,923)	-1.3%	(7,396)	-0.9%
2021	(14,507)	-1.7%	(12,838)	-1.5%	(11,169)	-1.3%	(7,830)	-0.9%
2022	(14,222)	-1.6%	(12,647)	-1.4%	(11,073)	-1.3%	(7,923)	-0.9%
2023	(17,293)	-1.9%	(15,812)	-1.7%	(14,331)	-1.6%	(11,370)	-1.2%
2024	(18,161)	-1.9%	(16,775)	-1.8%	(15,388)	-1.6%	(12,615)	-1.3%
20 Years	(44,686)		(20,113)		4,461		53,609	
5 Years	10,713		22,855		34,997		59,282	

Net Present Values

NOTES:

- 1) Includes conservative estimate of \$2MM for value of heat rate swaps.
- 2) Assumes no transmission is available during Q2 through 2008.
- 3) Assumes \$450MM base revenue requirement, escalating @ 4% per year.
- 4) Spark spreads based on forward prices through 2008, IRP prices thereafter.

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions				
Installed Cost	35,570	2004 \$000s	106.71	2004 \$000s	Nominal Discount	8.2 percent
Installed Cost	250	2004 \$/kW	0	2004\$ per kW-mo	Real Discount	5.5 percent
Project Capacity	142.3	MW	1.75	2004\$ per kW-mo		
Heat Rate	7,444	Btu/kWh	3.0	percent		
Gas Usage Rate	25.4	000s dth/day	3.0	percent		
		Fixed Charge	0	2004\$ per kW-mo	Insurance Cost	
		Fixed O&M	1.75	2004\$ per kW-mo	Gas Transport	
		Escalation Rates	3.0	percent	General Inflation	
		Fixed O&M	3.0	percent	Option Value	
		Transportation	3.0	percent		
			0.00	2004 \$/dth/day		
			3.0	percent		
			2,000	2004 \$000s		

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Option		Net		Total Variable Costs		Total Project Costs			
	Energy (GWh)	Project (\$000s)	Fixed Chrg. (\$000s)	Total Costs (\$000s)	Fixed (\$000s)	(\$/MWh)	Escalation	Transportation	Fixed (\$000s)	(\$/MWh)	Insur. (\$000s)	PI/Tax (\$000s)	Girans (\$000s)	Total Costs (\$000s)	(\$/MWh)	Operating Margin (\$000s)	Value (\$000s)	Project Benefit (\$000s)	(\$/MWh)	Total (\$000s)	(\$/MWh)	Total (\$000s)	(\$/MWh)	Total (\$000s)	(\$/MWh)	
1	2005	714.2	7,450	0	7,450	10.4	3,078	0	485	110	3,672	5.1	11,122	5,151	2,060	(3,911)	(5.5)	28,763	40.3	39,866	55.8	28,763	40.3	39,866	55.8	
2	2006	723.5	7,205	0	7,205	10.0	3,170	0	468	113	3,751	5.2	10,956	6,365	2,122	(2,469)	(3.4)	27,605	38.2	38,563	53.3	27,605	38.2	38,563	53.3	
3	2007	689.3	7,004	0	7,004	10.2	3,265	0	451	117	3,833	5.6	10,837	4,722	2,185	(3,929)	(5.7)	27,877	40.4	38,714	56.2	27,877	40.4	38,714	56.2	
4	2008	690.8	6,816	0	6,816	9.9	3,363	0	435	120	3,918	5.7	10,734	4,450	2,251	(4,033)	(5.8)	28,229	40.9	38,983	56.4	28,229	40.9	38,983	56.4	
5	2009	809.4	6,519	0	6,519	8.2	3,464	0	418	124	4,005	4.9	10,624	9,863	2,319	1,557	1.9	28,210	34.9	38,833	48.0	28,210	34.9	38,833	48.0	
6	2010	890.9	6,509	0	6,509	7.4	3,568	0	401	127	4,096	4.6	10,608	11,699	2,388	3,481	4.0	29,895	33.9	40,490	46.0	29,895	33.9	40,490	46.0	
7	2011	929.7	6,377	0	6,377	6.9	3,675	0	384	131	4,190	4.5	10,588	13,463	2,460	5,355	5.8	30,936	33.3	41,504	44.6	30,936	33.3	41,504	44.6	
8	2012	944.7	6,220	0	6,220	6.6	3,785	0	368	135	4,288	4.5	10,508	14,971	2,534	6,996	7.4	31,324	33.2	41,832	44.3	31,324	33.2	41,832	44.3	
9	2013	941.4	5,087	0	5,087	5.5	3,899	0	351	139	4,389	4.7	10,486	15,155	2,610	7,278	7.7	32,349	34.4	42,835	45.5	32,349	34.4	42,835	45.5	
10	2014	946.3	5,935	0	5,935	6.3	4,015	0	334	143	4,483	4.7	10,428	16,546	2,688	8,805	9.3	32,549	34.4	42,977	45.4	32,549	34.4	42,977	45.4	
11	2015	947.1	5,799	0	5,799	6.1	4,136	0	318	148	4,601	4.9	10,400	17,351	2,768	9,720	10.3	33,274	35.1	43,673	46.1	33,274	35.1	43,673	46.1	
12	2016	949.0	5,687	0	5,687	6.0	4,260	0	301	152	4,713	5.0	10,400	17,754	2,852	10,205	10.8	34,522	36.4	44,922	47.3	34,522	36.4	44,922	47.3	
13	2017	948.0	5,536	0	5,536	5.8	4,388	0	284	157	4,829	5.1	10,365	18,801	2,937	11,373	12.0	34,942	36.9	45,307	47.8	34,942	36.9	45,307	47.8	
14	2018	947.1	5,428	0	5,428	5.7	4,519	0	267	161	4,948	5.2	10,376	19,058	3,025	11,707	12.4	36,240	38.3	46,617	49.2	36,240	38.3	46,617	49.2	
15	2019	949.1	5,283	0	5,283	5.6	4,655	0	251	166	5,072	5.3	10,355	20,278	3,116	13,039	13.7	36,776	38.8	47,131	49.7	36,776	38.8	47,131	49.7	
16	2020	954.0	5,147	0	5,147	5.4	4,795	0	234	171	5,200	5.5	10,347	21,587	3,209	14,450	15.1	37,488	39.3	47,834	50.1	37,488	39.3	47,834	50.1	
17	2021	949.4	5,047	0	5,047	5.3	4,939	0	217	176	5,332	5.6	10,380	21,581	3,306	14,507	15.3	38,969	41.0	49,349	52.0	38,969	41.0	49,349	52.0	
18	2022	946.7	4,974	0	4,974	5.3	5,087	0	201	182	5,469	5.8	10,443	21,261	3,405	14,222	15.0	40,989	43.3	51,433	54.3	40,989	43.3	51,433	54.3	
19	2023	951.8	4,767	0	4,767	5.0	5,239	0	184	187	5,610	5.9	10,377	24,163	3,507	17,293	18.2	40,207	42.2	50,585	53.1	40,207	42.2	50,585	53.1	
20	2024	954.7	4,662	0	4,662	4.9	5,396	0	167	193	5,756	6.0	10,418	24,967	3,612	18,161	19.0	41,552	43.5	51,970	54.4	41,552	43.5	51,970	54.4	
Net Present Value			60,813																							
Nominal Levelized Cost (\$/MWh)																										
Real Levelized Cost (\$/MWh)																										
Total Present Value																										
Nominal Levelized Cost (\$/MWh)																										
Real Levelized Cost (\$/MWh)																										

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions	
Installed Cost	53,355 2004 \$000s	Fixed Charge	160.07 2004 \$000s
Installed Cost	375 2004 \$/KW	Fixed O&M	0.00 2004 \$/dth/day
Project Capacity	142.3 MW	Escalation Rates	3.0 percent
Heat Rate	7,444 Btu/KWh	Fixed O&M	2,000 2004 \$000s
Gas Usage Rate	25.4 000s dth/day	Transportation	3.0 percent
		Insurance Cost	
		Gas Transport	
		General Inflation	
		Option Value	
		0 2004\$ per KW-mo	
		1.75 2004\$ per KW-mo	
		3.0 percent	
		3.0 percent	
		Nominal Discount	8.2 percent
		Real Discount	5.5 percent

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$/MWh)	Total Variable Costs (\$/MWh)	Total Project Costs (\$000s)
	Energy (GWh)	Protect (\$000s)	Fixed Chrgd. (\$000s)	Total Costs (\$000s)	Fixed (\$000s)	Grants (\$000s)	PTax (\$000s)	Insur. (\$000s)	Total Costs (\$/MWh)	Fixed (\$000s)	Grants (\$000s)	PTax (\$000s)	Insur. (\$000s)	Total Costs (\$000s)	Costs (\$000s)	Margin (\$000s)					
1 2005	714.2	10,412	0	10,412	14.6	3,078	0	727	165	3,970	5.6	14,382	5.151	2,060	(7,171)	(10.0)	28,763	40.3	43,145	60.4	
2 2006	723.5	10,070	0	10,070	13.9	3,170	0	702	170	4,042	5.6	14,112	6.365	2,122	(5,625)	(7.8)	27,606	38.2	41,719	57.7	
3 2007	689.3	9,761	0	9,761	14.2	3,265	0	677	175	4,117	6.0	13,878	4,722	2,185	(6,970)	(10.1)	27,877	40.4	41,754	60.6	
4 2008	690.8	9,468	0	9,468	13.7	3,363	0	652	180	4,195	6.1	13,663	4,450	2,251	(6,961)	(10.1)	28,229	40.9	41,892	60.6	
5 2009	808.4	9,169	0	9,169	11.3	3,464	0	627	186	4,276	5.3	13,446	9,863	2,319	(1,264)	(1.6)	28,210	34.9	41,655	51.5	
6 2010	880.9	8,963	0	8,963	10.2	3,568	0	602	191	4,361	5.0	13,324	11,699	2,388	763	0.9	29,885	33.9	43,208	49.0	
7 2011	929.7	8,737	0	8,737	9.4	3,675	0	577	197	4,448	4.8	13,186	13,463	2,460	2,737	2.9	30,936	33.3	44,122	47.5	
8 2012	944.7	8,490	0	8,490	9.0	3,785	0	552	203	4,539	4.8	13,029	14,971	2,534	4,475	4.7	31,324	33.2	44,352	46.9	
9 2013	941.4	8,278	0	8,278	8.8	3,899	0	527	209	4,634	4.9	12,912	15,155	2,610	4,853	5.2	32,349	34.4	45,261	48.1	
10 2014	946.3	8,027	0	8,027	8.5	4,015	0	502	215	4,732	5.0	12,759	16,546	2,688	6,474	6.8	32,549	34.4	45,308	47.9	
11 2015	947.1	7,802	0	7,802	8.2	4,136	0	476	222	4,834	5.1	12,636	17,351	2,768	7,484	7.9	33,274	35.1	45,909	48.5	
12 2016	949.0	7,602	0	7,602	8.0	4,260	0	451	228	4,940	5.2	12,542	17,754	2,852	8,064	8.5	34,522	36.4	47,063	49.6	
13 2017	948.0	7,363	0	7,363	7.8	4,388	0	426	235	5,049	5.3	12,412	18,801	2,937	9,326	9.8	34,942	36.9	47,354	49.9	
14 2018	947.1	7,166	0	7,166	7.6	4,519	0	401	242	5,163	5.5	12,328	19,058	3,025	9,755	10.3	36,240	38.3	48,569	51.3	
15 2019	949.1	6,932	0	6,932	7.3	4,655	0	376	249	5,281	5.6	12,213	20,278	3,116	11,181	11.8	36,778	38.8	48,989	51.6	
16 2020	954.0	6,707	0	6,707	7.0	4,795	0	351	257	5,403	5.7	12,110	21,587	3,209	12,687	13.3	37,488	39.3	49,598	52.0	
17 2021	949.4	6,520	0	6,520	6.9	4,936	0	326	265	5,529	5.8	12,049	21,581	3,306	12,836	13.5	38,969	41.0	51,018	53.7	
18 2022	946.7	6,358	0	6,358	6.7	5,087	0	301	272	5,660	6.0	12,018	21,261	3,405	12,647	13.4	40,989	43.3	53,007	56.0	
19 2023	951.8	6,062	0	6,062	6.4	5,239	0	276	281	5,796	6.1	11,858	24,163	3,507	15,812	16.6	40,207	42.2	52,065	54.7	
20 2024	954.7	5,869	0	5,869	6.1	5,396	0	251	289	5,936	6.2	11,805	24,967	3,612	16,775	17.6	41,552	43.5	53,357	55.9	
Net Present Value		82,976	0	82,976		37,083	0	5,341	1,987	44,410		127,386	122,777	24,822	20,213	2.4	307,192	35.7	434,578	50.6	
Nominal Levelized Cost (\$/MWh)						9.7						5.2				1.9					
Real Levelized Cost (\$/MWh)						7.8						4.2									

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions					
Installed Cost	71,140	2004 \$000s	213.42	2004 \$000s	Nominal Discount	B.2 percent	
Installed Cost	500	2004 \$/kW	0.00	2004 \$/dth/day	Real Discount	5.5 percent	
Project Capacity	142.3	MW	1.75	2004\$ per kW-mo			
Heat Rate	7,444	Btu/kWh	3.0 percent	Gas Transport			
Gas Usage Rate	25.4	000s dth/day	3.0 percent	General Inflation			
			3.0 percent	Option Value			
			3.0 percent				

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Operating Margin				Option Value				Net Project Benefit				Total Project Costs			
	Energy (Gwh)	Project (\$000s)	Fixed Chgd. (\$000s)	Total Costs (\$000s)	Fixed (\$000s)	Gas (\$/MWh)	Insur. (\$000s)	PTax (\$000s)	Gitans (\$000s)	Insur. (\$000s)	Total Costs (\$000s)	(\$/MWh)	PTax (\$000s)	Gitans (\$000s)	Insur. (\$000s)	Total Costs (\$000s)	(\$/MWh)	Operating Margin (\$000s)	(\$/MWh)	Option Value (\$000s)	(\$/MWh)	Net Project Benefit (\$000s)	(\$/MWh)	Total Variable Costs (\$000s)	(\$/MWh)	Total Project Costs (\$000s)	(\$/MWh)					
1 2005	714.2	13,375	0	13,375	18.7	3,078	0	970	220	4,267	6.0	17,842	5,151	2,060	19,902	27,663	40.3	(10,431)	(14.6)	213.42	2004 \$000s	(10,431)	(14.6)	28,763	40.3	46,405	65.0					
2 2006	723.5	12,936	0	12,936	17.9	3,170	0	936	226	4,332	6.0	17,268	5,365	2,122	19,390	27,606	38.2	(8,781)	(12.1)	0.00	2004 \$/dth/day	(8,781)	(12.1)	27,606	38.2	44,875	62.0					
3 2007	689.3	12,517	0	12,517	18.2	3,265	0	903	233	4,401	6.4	16,918	4,722	2,185	19,103	27,877	40.4	(10,010)	(14.5)	0.00	2004 \$/dth/day	(10,010)	(14.5)	27,877	40.4	44,795	65.0					
4 2008	690.8	12,119	0	12,119	17.5	3,363	0	869	240	4,472	6.5	16,592	4,450	2,251	18,843	28,229	40.9	(9,890)	(14.3)	2,000	2004 \$000s	(9,890)	(14.3)	28,229	40.9	44,821	64.9					
5 2009	809.4	11,720	0	11,720	14.5	3,464	0	836	247	4,547	5.6	16,267	9,863	2,319	18,586	28,210	34.9	(4,066)	(5.0)			(4,066)	(5.0)	28,210	34.9	44,477	65.0					
6 2010	880.9	11,417	0	11,417	13.0	3,568	0	802	255	4,625	5.3	16,042	11,699	2,388	18,441	29,885	33.9	(1,955)	(2.2)			(1,955)	(2.2)	29,885	33.9	45,926	52.1					
7 2011	929.7	11,097	0	11,097	11.9	3,675	0	769	262	4,706	5.1	15,804	13,463	2,460	18,267	30,936	33.3	119	0.1			119	0.1	30,936	33.3	46,739	50.3					
8 2012	944.7	10,759	0	10,759	11.4	3,785	0	736	270	4,791	5.1	15,550	14,971	2,534	18,081	31,324	33.2	1,955	2.1			1,955	2.1	31,324	33.2	46,873	49.6					
9 2013	941.4	10,458	0	10,458	11.1	3,899	0	702	278	4,879	5.2	15,337	15,155	2,610	17,952	32,349	34.4	2,427	2.6			2,427	2.6	32,349	34.4	47,687	50.7					
10 2014	946.3	10,119	0	10,119	10.7	4,015	0	669	287	4,971	5.3	15,090	16,546	2,688	17,774	32,549	34.4	4,143	4.4			4,143	4.4	32,549	34.4	47,639	50.3					
11 2015	947.1	9,805	0	9,805	10.4	4,136	0	635	295	5,067	5.3	14,872	17,351	2,768	17,601	33,274	35.1	5,248	5.5			5,248	5.5	33,274	35.1	48,146	50.8					
12 2016	949.0	9,517	0	9,517	10.0	4,260	0	602	304	5,166	5.4	14,683	17,754	2,852	17,428	34,522	36.4	5,922	6.2			5,922	6.2	34,522	36.4	49,205	51.8					
13 2017	948.0	9,189	0	9,189	9.7	4,388	0	568	313	5,270	5.6	14,459	18,801	2,937	17,198	34,942	36.9	7,279	7.7			7,279	7.7	34,942	36.9	49,401	52.1					
14 2018	947.1	8,903	0	8,903	9.4	4,519	0	535	323	5,377	5.7	14,281	19,058	3,025	16,983	36,240	38.3	7,803	8.2			7,803	8.2	36,240	38.3	50,521	53.3					
15 2019	949.1	8,582	0	8,582	9.0	4,655	0	502	333	5,489	5.8	14,071	20,278	3,116	16,754	36,776	38.8	9,323	9.8			9,323	9.8	36,776	38.8	50,847	53.6					
16 2020	954.0	8,268	0	8,268	8.7	4,795	0	468	342	5,605	5.9	13,873	21,587	3,209	16,526	37,488	39.3	10,923	11.5			10,923	11.5	37,488	39.3	51,361	53.8					
17 2021	949.4	7,992	0	7,992	8.4	4,939	0	435	353	5,726	6.0	13,593	21,961	3,306	16,299	38,969	41.0	11,169	11.8			11,169	11.8	38,969	41.0	52,687	55.5					
18 2022	946.7	7,742	0	7,742	8.2	5,087	0	401	363	5,851	6.2	13,339	22,346	3,405	16,064	40,989	43.3	11,073	11.7			11,073	11.7	40,989	43.3	54,582	57.7					
19 2023	951.8	7,357	0	7,357	7.7	5,239	0	368	374	5,981	6.3	13,039	24,163	3,507	15,764	40,207	42.2	14,331	15.1			14,331	15.1	40,207	42.2	53,546	56.3					
20 2024	954.7	7,075	0	7,075	7.4	5,396	0	334	385	6,116	6.4	13,192	24,987	3,612	15,522	41,552	43.5	15,388	16.1			15,388	16.1	41,552	43.5	54,743	57.3					
Net Present Value		105,138		105,138		37,083		7,121	2,649	46,853		151,991	122,777	24,822				(4,392)	(0.5)			(4,392)	(0.5)	307,192		459,183	53.4					
Nominal Levelized Cost (\$/MWh)						12.2				6.5								(0.5)	(0.5)			(0.5)	(0.5)	36.7		459,183	53.4					
Real Levelized Cost (\$/MWh)						9.9				4.4								(0.4)	(0.4)			(0.4)	(0.4)	28.9		459,183	53.4					

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

Installed Cost	106,710	2004 \$000s	Assumptions	320.13	2004 \$000s	Nominal Discount	8.2 percent
Installed Cost	750	2004 \$/kW	Fixed Charge	0	2004\$ per kW-mo	Real Discount	5.5 percent
Project Capacity	142.3	MW	Fixed O&M	1.75	2004\$ per kW-mo		
Heat Rate	7,444	Btu/kWh	Escalation Rates	3.0 percent			
Gas Usage Rate	25.4	000s dth/day	Transportation	3.0 percent			
			Insurance Cost	2,000	2004 \$000s		
			Gas Transport	0.00	2004 \$/dth/day		
			General Inflation	3.0 percent			
			Option Value	2,000	2004 \$000s		

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Operating Margin		Option Value		Net Project Benefit		Total Variable Costs		Total Project Costs	
	Energy (Gwh)	Project (\$000s)	Fixed Chrg. (\$000s)	Total Costs (\$000s)	Fixed (\$000s)	Grans (\$000s)	PrTax (\$000s)	Insur. (\$000s)	Total Costs (\$/MWh)	Fixed (\$000s)	Grans (\$000s)	PrTax (\$000s)	Insur. (\$000s)	Total Costs (\$/MWh)	Operating Margin (\$000s)	Value (\$000s)	Operating Margin (\$000s)	Value (\$000s)	Project Benefit (\$000s)	Net (\$/MWh)	Total Variable Costs (\$000s)	Costs (\$/MWh)	Total Variable Costs (\$000s)	Costs (\$/MWh)		
1	2005	714.2	19,300	0	19,300	27.0	3,078	0	1,454	330	4,862	6.8	4,914	340	23,581	5,151	2,080	(16,950)	(23.7)	28,763	40.3	52,925	74.1			
2	2006	723.5	18,667	0	18,667	25.8	3,170	0	1,404	340	4,914	6.8	5,027	350	22,998	4,722	2,122	(15,093)	(20.9)	27,606	38.2	51,187	70.7			
3	2007	699.3	18,030	0	18,030	26.2	3,265	0	1,354	350	4,969	7.2	5,089	360	22,450	4,450	2,251	(16,091)	(23.3)	27,877	40.4	50,875	73.8			
4	2008	690.8	17,423	0	17,423	25.2	3,363	0	1,304	371	5,059	7.3	5,154	382	21,910	9,863	2,319	(15,748)	(22.8)	28,210	34.9	50,120	61.9			
5	2009	809.4	16,822	0	16,822	20.8	3,464	0	1,254	394	5,222	5.6	5,294	406	20,591	14,971	2,534	(9,729)	(12.0)	29,885	33.9	51,362	58.3			
6	2010	880.9	16,324	0	16,324	18.5	3,568	0	1,204	418	5,369	5.7	5,449	430	19,752	16,546	2,688	(7,391)	(8.4)	30,936	33.3	51,975	55.9			
7	2011	929.7	15,817	0	15,817	17.0	3,675	0	1,153	443	5,532	5.6	5,619	456	18,966	17,754	2,852	(5,116)	(5.5)	31,324	33.2	52,549	55.3			
8	2012	944.7	15,298	0	15,298	16.2	3,785	0	1,103	470	5,710	6.0	5,806	484	18,185	19,058	3,025	(3,087)	(3.3)	32,549	34.4	53,000	55.3			
9	2013	941.4	14,819	0	14,819	15.7	3,898	0	1,053	499	5,906	6.2	6,010	514	17,400	21,587	3,209	(2,424)	(2.6)	33,274	35.1	53,488	56.6			
10	2014	946.3	14,303	0	14,303	15.1	4,015	0	1,003	529	6,120	6.4	6,233	545	16,743	21,261	3,405	(518)	(0.5)	34,522	36.4	53,942	56.4			
11	2015	947.1	13,812	0	13,812	14.6	4,136	0	953	551	6,352	6.7	6,476	578	15,965	24,967	3,612	(3,185)	(3.4)	36,240	38.3	54,426	57.5			
12	2016	949.0	13,347	0	13,347	14.1	4,260	0	903	578	6,582	6.8	6,712	602	15,151	24,822	3,822	(3,898)	(4.1)	37,488	39.3	54,888	57.5			
13	2017	948.0	12,842	0	12,842	13.5	4,388	0	853	602	6,812	6.8	6,948	627	14,300	24,663	4,012	(5,608)	(5.9)	38,969	41.0	56,025	59.0			
14	2018	947.1	12,379	0	12,379	13.1	4,519	0	802	627	7,027	6.8	7,166	652	13,433	24,506	4,206	(7,830)	(8.2)	40,989	43.3	57,732	61.0			
15	2019	949.1	11,880	0	11,880	12.5	4,655	0	752	652	7,277	6.7	7,426	677	12,500	24,351	4,401	(9,729)	(11.9)	42,207	44.2	58,508	59.4			
16	2020	954.0	11,390	0	11,390	11.9	4,795	0	702	677	7,527	6.8	7,686	702	11,596	24,196	4,606	(11,970)	(13.2)	44,552	45.5	59,517	60.2			
17	2021	949.4	10,936	0	10,936	11.5	4,939	0	652	702	7,787	6.8	7,946	727	10,741	24,041	4,801	(12,615)	(13.2)	47,000	47.0	60,522	62.2			
18	2022	946.7	10,509	0	10,509	11.1	5,087	0	602	727	8,037	6.8	8,246	752	9,983	23,886	5,006	(13,370)	(13.2)	49,500	49.5	61,527	63.2			
19	2023	951.6	9,948	0	9,948	10.5	5,238	0	552	752	8,287	6.8	8,546	777	9,129	23,731	5,201	(14,120)	(13.2)	52,000	52.0	62,532	64.2			
20	2024	954.7	9,489	0	9,489	9.9	5,396	0	502	777	8,537	6.8	8,846	802	8,271	23,576	5,396	(14,870)	(13.2)	54,500	54.5	63,537	65.2			
Net Present Value		149,463	0	149,463		37,083	0	10,682	3,973	51,738		6.0	6.0	201,200	122,777	24,822	(53,601)	(6.2)	307,192	35.7	508,392	59.2				
Nominal Levelized Cost (\$/MWh)						17.4						4.9	4.9					(5.0)								
Real Levelized Cost (\$/MWh)						14.1																				

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

Assumptions		2003.96		2004 \$000s		2004 \$/dth/day		Nominal Discount		Real Discount	
Installed Cost	67,986	2004\$ per kW-mo	0	2004\$ per kW-mo	0.00	2004 \$/dth/day	0.00	2004 \$/dth/day	8.2 percent	5.5 percent	
Installed Cost	478	2004\$ per kW-mo	1.75	2004\$ per kW-mo	1.75	2004\$ per kW-mo	3.0 percent	3.0 percent			
Project Capacity	142.3 MW	Escalation Rates	3.0 percent	Option Value	2,000	2004 \$000s					
Heat Rate	7,444 Btu/kWh	Fixed O&M	3.0 percent								
Gas Usage Rate	25.4 000s dth/day	Transportation	3.0 percent								

Year	Capital Recovery and Miscellaneous			Fixed Costs				Operations & Maintenance			Total Fixed Costs		Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$000s)	Total Project Costs (\$000s)	
	Energy (GWh)	Project (\$000s)	Fixed Chrg. (\$000s)	Total Costs (\$000s)	Miscellaneous (\$/MWh)	Fixed (\$000s)	Gitrans (\$000s)	Insur. (\$000s)	Prtax (\$000s)	Total Costs (\$/MWh)	Costs (\$000s)	Margin (\$000s)						Value (\$000s)
1 2005	725.2	12,869	0	12,869	17.7	3,078	0	927	210	4,214	5.8	17,083	5,183	2,060	(9,840)	29,177	46,260	
2 2006	744.3	12,463	0	12,463	16.7	3,170	0	895	216	4,281	5.8	16,744	6,395	2,122	(8,227)	28,342	45,086	
3 2007	696.7	12,042	0	12,042	17.3	3,285	0	863	223	4,350	6.2	16,992	4,750	2,185	(9,456)	28,158	44,550	
4 2008	698.1	11,663	0	11,663	16.7	3,363	0	831	230	4,423	6.3	16,086	4,478	2,251	(9,357)	28,511	44,597	
5 2009	809.4	11,268	0	11,268	13.9	3,464	0	799	236	4,499	5.6	15,767	9,863	2,319	(3,585)	28,210	43,976	
6 2010	880.9	10,982	0	10,982	12.5	3,568	0	767	244	4,578	5.2	15,560	11,699	2,388	(1,473)	29,885	45,444	
7 2011	929.7	10,679	0	10,679	11.5	3,675	0	735	251	4,660	5.0	15,339	13,463	2,460	584	30,936	46,275	
8 2012	944.7	10,356	0	10,356	11.0	3,785	0	703	258	4,746	5.0	15,103	14,971	2,534	2,402	31,324	46,426	
9 2013	941.4	10,072	0	10,072	10.7	3,899	0	671	266	4,836	5.1	14,907	15,155	2,610	2,857	32,349	47,257	
10 2014	946.3	9,748	0	9,748	10.3	4,015	0	639	274	4,929	5.2	14,677	16,546	2,688	4,557	32,549	47,225	
11 2015	947.1	9,450	0	9,450	10.0	4,136	0	607	282	5,025	5.3	14,475	17,351	2,768	5,644	33,274	47,749	
12 2016	949.0	9,177	0	9,177	9.7	4,260	0	575	291	5,126	5.4	14,303	17,754	2,852	6,302	34,522	48,825	
13 2017	948.0	8,865	0	8,865	9.4	4,388	0	543	300	5,230	5.5	14,096	18,801	2,937	7,842	34,942	49,098	
14 2018	947.1	8,595	0	8,595	9.1	4,519	0	511	309	5,339	5.6	13,934	19,058	3,025	8,149	36,240	50,175	
15 2019	949.1	8,289	0	8,289	8.7	4,655	0	479	316	5,452	5.7	13,741	20,278	3,116	9,653	36,776	50,517	
16 2020	954.0	7,991	0	7,991	8.4	4,795	0	447	327	5,569	5.8	13,561	21,587	3,209	11,236	37,488	51,048	
17 2021	949.4	7,731	0	7,731	8.1	4,939	0	415	337	5,691	6.0	13,422	21,581	3,306	11,465	38,969	52,391	
18 2022	946.7	7,496	0	7,496	7.9	5,087	0	383	347	5,817	6.1	13,314	21,261	3,405	11,352	40,989	54,303	
19 2023	951.8	7,128	0	7,128	7.5	5,239	0	351	358	5,948	6.2	13,076	24,163	3,507	14,594	40,207	53,284	
20 2024	954.7	6,861	0	6,861	7.2	5,396	0	320	368	6,084	6.4	12,946	24,967	3,612	15,634	41,552	54,497	
Net Present Value		101,276	0	101,276		37,083	0	6,805	2,531	46,420	5.4	147,696	122,874	24,822	(0)	308,630	456,326	
Nominal Levelized Cost (\$/MWh)					11.8										(0.0)		35.8	
Real Levelized Cost (\$/MWh)					9.5						4.4				(0.0)		29.0	

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

Year	Energy (Gwh)	Project Fixed Chrg. (\$000s)	Capital Recovery and Miscellaneous (\$000s)	Fixed Costs (\$000s)	Operations & Maintenance (\$000s)	Total Costs (\$000s)	Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$000s)	Total Project Costs (\$000s)				
1	2005	714.2	12,846	18.0	3,078	210	4,214	5.9	17,060	5,151	2,060				
2	2006	723.5	12,424	17.2	3,170	216	4,281	5.9	16,705	6,365	2,122				
3	2007	689.3	12,025	17.4	3,265	223	4,350	6.3	16,375	4,722	2,185				
4	2008	690.8	11,646	16.9	3,363	229	4,423	6.4	16,069	4,450	2,251				
5	2009	809.4	11,265	13.9	3,464	236	4,499	5.6	15,764	9,863	2,319				
6	2010	880.9	10,979	12.5	3,568	243	4,578	5.2	15,557	11,699	2,388				
7	2011	929.7	10,676	11.5	3,675	251	4,660	5.0	15,336	13,463	2,460				
8	2012	944.7	10,354	11.0	3,785	258	4,746	5.0	15,100	14,971	2,534				
9	2013	941.4	10,069	10.7	3,899	266	4,835	5.1	14,904	15,155	2,610				
10	2014	946.3	9,746	10.3	4,015	274	4,928	5.2	14,674	16,546	2,688				
11	2015	947.1	9,448	10.0	4,136	282	5,025	5.3	14,473	17,951	2,768				
12	2016	949.0	9,175	9.7	4,260	291	5,126	5.4	14,301	17,754	2,852				
13	2017	948.0	8,863	9.3	4,388	299	5,230	5.5	14,093	18,801	2,937				
14	2018	947.1	8,593	9.1	4,519	308	5,339	5.6	13,932	19,058	3,025				
15	2019	949.1	8,287	8.7	4,655	318	5,452	5.7	13,739	20,278	3,116				
16	2020	954.0	7,990	8.4	4,795	327	5,569	5.8	13,559	21,587	3,209				
17	2021	949.4	7,729	8.1	4,939	337	5,691	6.0	13,420	21,581	3,308				
18	2022	946.7	7,495	7.9	5,087	347	5,817	6.1	13,312	21,261	3,405				
19	2023	951.8	7,126	7.5	5,239	358	5,948	6.2	13,074	24,163	3,507				
20	2024	954.7	6,860	7.2	5,396	368	6,084	6.4	12,944	24,967	3,612				
Net Present Value										101,182	37,083	147,599	122,777	24,822	(0)
Nominal Levelized Cost (\$/MWh)										11.8	5.4	5.4	5.4	5.4	5.4
Real Levelized Cost (\$/MWh)										9.5	4.4	4.4	4.4	4.4	4.4

Year	Energy (Gwh)	Project Fixed Chrg. (\$000s)	Capital Recovery and Miscellaneous (\$000s)	Fixed Costs (\$000s)	Operations & Maintenance (\$000s)	Total Costs (\$000s)	Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$000s)	Total Project Costs (\$000s)				
1	2005	714.2	12,846	18.0	3,078	210	4,214	5.9	17,060	5,151	2,060				
2	2006	723.5	12,424	17.2	3,170	216	4,281	5.9	16,705	6,365	2,122				
3	2007	689.3	12,025	17.4	3,265	223	4,350	6.3	16,375	4,722	2,185				
4	2008	690.8	11,646	16.9	3,363	229	4,423	6.4	16,069	4,450	2,251				
5	2009	809.4	11,265	13.9	3,464	236	4,499	5.6	15,764	9,863	2,319				
6	2010	880.9	10,979	12.5	3,568	243	4,578	5.2	15,557	11,699	2,388				
7	2011	929.7	10,676	11.5	3,675	251	4,660	5.0	15,336	13,463	2,460				
8	2012	944.7	10,354	11.0	3,785	258	4,746	5.0	15,100	14,971	2,534				
9	2013	941.4	10,069	10.7	3,899	266	4,835	5.1	14,904	15,155	2,610				
10	2014	946.3	9,746	10.3	4,015	274	4,928	5.2	14,674	16,546	2,688				
11	2015	947.1	9,448	10.0	4,136	282	5,025	5.3	14,473	17,951	2,768				
12	2016	949.0	9,175	9.7	4,260	291	5,126	5.4	14,301	17,754	2,852				
13	2017	948.0	8,863	9.3	4,388	299	5,230	5.5	14,093	18,801	2,937				
14	2018	947.1	8,593	9.1	4,519	308	5,339	5.6	13,932	19,058	3,025				
15	2019	949.1	8,287	8.7	4,655	318	5,452	5.7	13,739	20,278	3,116				
16	2020	954.0	7,990	8.4	4,795	327	5,569	5.8	13,559	21,587	3,209				
17	2021	949.4	7,729	8.1	4,939	337	5,691	6.0	13,420	21,581	3,308				
18	2022	946.7	7,495	7.9	5,087	347	5,817	6.1	13,312	21,261	3,405				
19	2023	951.8	7,126	7.5	5,239	358	5,948	6.2	13,074	24,163	3,507				
20	2024	954.7	6,860	7.2	5,396	368	6,084	6.4	12,944	24,967	3,612				
Net Present Value										101,182	37,083	147,599	122,777	24,822	(0)
Nominal Levelized Cost (\$/MWh)										11.8	5.4	5.4	5.4	5.4	5.4
Real Levelized Cost (\$/MWh)										9.5	4.4	4.4	4.4	4.4	4.4

Year	Energy (Gwh)	Project Fixed Chrg. (\$000s)	Capital Recovery and Miscellaneous (\$000s)	Fixed Costs (\$000s)	Operations & Maintenance (\$000s)	Total Costs (\$000s)	Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$000s)	Total Project Costs (\$000s)				
1	2005	714.2	12,846	18.0	3,078	210	4,214	5.9	17,060	5,151	2,060				
2	2006	723.5	12,424	17.2	3,170	216	4,281	5.9	16,705	6,365	2,122				
3	2007	689.3	12,025	17.4	3,265	223	4,350	6.3	16,375	4,722	2,185				
4	2008	690.8	11,646	16.9	3,363	229	4,423	6.4	16,069	4,450	2,251				
5	2009	809.4	11,265	13.9	3,464	236	4,499	5.6	15,764	9,863	2,319				
6	2010	880.9	10,979	12.5	3,568	243	4,578	5.2	15,557	11,699	2,388				
7	2011	929.7	10,676	11.5	3,675	251	4,660	5.0	15,336	13,463	2,460				
8	2012	944.7	10,354	11.0	3,785	258	4,746	5.0	15,100	14,971	2,534				
9	2013	941.4	10,069	10.7	3,899	266	4,835	5.1	14,904	15,155	2,610				
10	2014	946.3	9,746	10.3	4,015	274	4,928	5.2	14,674	16,546	2,688				
11	2015	947.1	9,448	10.0	4,136	282	5,025	5.3	14,473	17,951	2,768				
12	2016	949.0	9,175	9.7	4,260	291	5,126	5.4	14,301	17,754	2,852				
13	2017	948.0	8,863	9.3	4,388	299	5,230	5.5	14,093	18,801	2,937				
14	2018	947.1	8,593	9.1	4,519	308	5,339	5.6	13,932	19,058	3,025				
15	2019	949.1	8,287	8.7	4,655	318	5,452	5.7	13,739	20,278	3,116				
16	2020	954.0	7,990	8.4	4,795	327	5,569	5.8	13,559	21,587	3,209				
17	2021	949.4	7,729	8.1	4,939	337	5,691	6.0	13,420	21,581	3,308				
18	2022	946.7	7,495	7.9	5,087	347	5,817	6.1	13,312	21,261	3,405				
19	2023	951.8	7,126	7.5	5,239	358	5,948	6.2	13,074	24,163	3,507				
20	2024	954.7	6,860	7.2	5,396	368	6,084	6.4	12,944	24,967	3,612				
Net Present Value										101,182	37,083	147,599	122,777	24,822	(0)
Nominal Levelized Cost (\$/MWh)										11.8	5.4	5.4	5.4	5.4	5.4
Real Levelized Cost (\$/MWh)										9.5	4.4	4.4	4.4	4.4	4.4

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions					
Installed Cost	70,455 2004 \$000s	Fixed Charge	0 2004\$ per kW-mo	Insurance Cost	211.36 2004 \$000s	Nominal Discount	8.2 percent
Installed Cost	495 2004 \$/kW	Fixed O&M	1.75 2004\$ per kW-mo	Gas Transport	0.00 2004 \$/dth/day	Real Discount	5.5 percent
Project Capacity	142.3 MW	Escalation Rates	3.0 percent	General Inflation	3.0 percent		
Heat Rate	7,444 Btu/kWh	Fixed O&M	3.0 percent	Option Value	2,000 2004 \$000s		
Gas Usage Rate	25.4 000s dth/day	Transportation	3.0 percent				

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$/MWh)	Total Project Costs (\$000s)
	Energy (GWh)	Project (\$000s)	Fixed (\$000s)	Total (\$000s)	Fixed (\$000s)	Grants (\$000s)	Ft/Lax (\$000s)	Insur. (\$000s)	Total (\$000s)	Total (\$/MWh)	Pr/Lax (\$/MWh)	Insur. (\$/MWh)	Gas (\$/MWh)	General (\$/MWh)	Option (\$/MWh)	Costs (\$000s)					
1 2005	893.8	13,244	14.8	13,244	3,078	0	960	218	4,255	4.8	17,500	11,441	2,060	(3,999)	28,423	31.8	45,923	51.4			
2 2006	937.6	12,856	13.7	12,856	3,170	0	927	224	4,321	4.6	17,177	12,526	2,122	(2,529)	28,235	30.1	45,411	48.4			
3 2007	862.3	12,400	14.4	12,400	3,265	0	894	231	4,390	5.1	16,790	10,922	2,185	(3,682)	27,642	32.1	44,432	51.5			
4 2008	862.7	12,002	13.9	12,002	3,363	0	861	238	4,462	5.2	16,464	10,697	2,251	(3,516)	27,914	32.4	44,378	51.4			
5 2009	888.4	11,660	13.1	11,660	3,464	0	828	245	4,537	5.1	16,196	11,593	2,319	(2,285)	28,997	32.6	45,193	50.9			
6 2010	888.8	11,322	12.7	11,322	3,568	0	795	252	4,615	5.2	15,937	11,956	2,388	(1,593)	29,886	33.6	45,823	51.6			
7 2011	890.1	11,001	12.4	11,001	3,675	0	762	260	4,696	5.3	15,697	12,302	2,460	(935)	30,820	34.6	46,517	52.3			
8 2012	891.4	10,694	12.0	10,694	3,785	0	728	268	4,781	5.4	15,476	12,733	2,534	(209)	31,802	35.7	47,277	53.0			
9 2013	888.5	10,388	11.7	10,388	3,899	0	695	276	4,870	5.5	15,258	13,063	2,610	415	32,635	36.7	47,993	53.9			
10 2014	890.4	10,093	11.3	10,093	4,015	0	662	284	4,962	5.6	15,055	13,442	2,688	1,074	33,694	37.8	48,749	54.7			
11 2015	888.1	9,792	11.0	9,792	4,136	0	629	293	5,058	5.7	14,850	13,870	2,768	1,788	34,607	39.0	49,457	55.7			
12 2016	891.3	9,504	10.7	9,504	4,260	0	596	301	5,157	5.8	14,661	14,339	2,852	2,529	35,788	40.2	50,450	56.6			
13 2017	899.1	9,206	10.4	9,206	4,388	0	563	310	5,261	5.9	14,467	14,712	2,937	3,182	36,759	41.3	51,226	57.0			
14 2018	892.5	8,921	10.0	8,921	4,519	0	530	320	5,369	6.0	14,290	15,146	3,025	3,881	37,996	42.6	52,266	58.6			
15 2019	885.8	8,618	9.7	8,618	4,655	0	497	329	5,481	6.2	14,099	15,600	3,116	4,617	38,867	43.9	52,966	59.8			
16 2020	893.0	8,345	9.3	8,345	4,795	0	464	339	5,597	6.3	13,943	16,138	3,209	5,405	40,356	45.2	54,299	60.8			
17 2021	889.1	8,050	9.1	8,050	4,939	0	430	349	5,718	6.4	13,768	16,555	3,306	6,092	41,370	46.5	55,199	62.0			
18 2022	891.6	7,772	8.7	7,772	5,087	0	397	360	5,844	6.6	13,616	17,067	3,405	6,856	42,732	47.9	56,348	63.2			
19 2023	889.8	7,486	8.4	7,486	5,238	0	364	371	5,974	6.7	13,460	17,570	3,507	7,617	43,923	49.4	57,383	64.5			
20 2024	892.4	7,213	8.1	7,213	5,386	0	331	382	6,109	6.8	13,322	18,161	3,612	8,452	45,390	50.9	58,712	65.8			
Net Present Value		104,648		104,648	37,083	0	7,053	2,623	46,759	5.4	151,407	126,585	24,822	(0)	314,796		466,203				
Nominal Levelized Cost (\$/MWh)			12.2											(0.0)			36.6		54.2		
Real Levelized Cost (\$/MWh)			9.8											(0.0)			29.6		43.8		

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions											
Installed Cost	46,144	2004 \$000s	Fixed Charge	0	2004\$ per kW-mo	138.43	2004 \$000s	Nominal Discount	8.2	percent			
Installed Cost	324	2004 \$/kW	Fixed O&M	1.75	2004\$ per kW-mo	0.00	2004 \$/dth/day	Real Discount	5.5	percent			
Project Capacity	142.3	MW	Escalation Rates	3.0	percent	2,000	2004 \$000s						
Heat Rate	7,444	Btu/kWh	Fixed O&M	3.0	percent								
Gas Usage Rate	25.4	000s dth/day	Transportation	3.0	percent								

Year	Capital Recovery and Miscellaneous				Operations & Maintenance				Fixed Costs				Total Fixed Costs				Operating		Option		Net		Total Project				
	Energy (GWh)	Project (\$000s)	Fixed (\$000s)	Total (\$000s)	Fixed (\$000s)	Grants (\$000s)	PTax (\$000s)	Insur. (\$000s)	Total (\$000s)	Costs (\$/MWh)	Insur. (\$/MWh)	Total (\$000s)	Margin (\$000s)	Value (\$000s)	Costs (\$000s)	Margin (\$000s)	Value (\$000s)	Project (\$000s)	Benefit (\$/MWh)	Total (\$000s)	Variable (\$/MWh)	Costs (\$/MWh)	Total (\$000s)	Variable (\$000s)	Costs (\$000s)		
1	2005	746.9	9,208	0	9,208	12.3	3,078	143	3,849	5.2	13,057	6,486	2,060	(4,511)	(6.0)	28,705	38.4	41,782	55.9	27,847	36.1	40,691	52.7	28,231	37.9	40,892	54.9
2	2006	772.3	8,920	0	8,920	11.6	3,170	147	3,924	5.1	12,844	7,859	2,122	(2,864)	(3.7)	28,231	37.9	40,892	54.9	28,483	38.0	40,971	54.6	28,838	38.0	41,169	54.2
3	2007	744.2	8,660	0	8,660	11.6	3,265	151	4,002	5.4	12,662	6,533	2,185	(3,943)	(5.3)	29,582	38.8	41,789	54.8	30,890	39.6	42,489	55.3	31,399	40.4	43,410	55.8
4	2008	749.9	8,405	0	8,405	11.2	3,363	156	4,083	5.4	12,487	6,529	2,251	(2,434)	(3.2)	31,399	40.4	43,410	55.8	32,043	41.2	43,957	56.6	32,876	42.1	44,706	57.2
5	2009	759.2	8,165	0	8,165	10.8	3,464	160	4,166	5.5	12,332	7,579	2,319	1,068	1.4	33,783	42.9	45,536	57.9	33,935	43.0	46,707	58.5	35,010	43.8	47,452	59.3
6	2010	762.9	7,954	0	7,954	10.4	3,568	165	4,253	5.6	12,207	8,073	2,388	2,635	3.3	35,828	44.7	47,452	59.3	35,828	44.7	47,452	59.3	36,884	45.7	48,452	60.0
7	2011	768.4	7,754	0	7,754	10.1	3,675	170	4,344	5.7	12,098	8,589	2,460	3,398	4.2	37,843	46.6	49,353	60.8	37,843	46.6	49,353	60.8	39,470	47.6	50,959	61.4
8	2012	777.4	7,573	0	7,573	9.7	3,785	175	4,437	5.7	12,010	9,133	2,534	5,059	6.2	40,419	48.5	51,860	62.2	40,419	48.5	51,860	62.2	41,721	49.5	53,135	63.1
9	2013	777.2	7,379	0	7,379	9.5	3,899	181	4,535	5.8	11,913	9,639	2,610	5,967	7.2	43,409	50.5	54,820	63.8	43,409	50.5	54,820	63.8	45,241	51.6	56,660	64.6
10	2014	781.6	7,195	0	7,195	9.2	4,015	186	4,635	5.9	11,830	10,210	2,688	6,860	8.2	46,248	52.6	58,556	66.6	46,248	52.6	58,556	66.6	47,626	52.6	60,000	66.6
11	2015	786.8	7,014	0	7,014	8.9	4,136	192	4,740	6.0	11,754	10,811	2,768	7,789	9.2	49,353	54.8	63,135	68.1	49,353	54.8	63,135	68.1	50,959	54.8	64,600	64.6
12	2016	788.7	6,849	0	6,849	8.6	4,260	197	4,848	6.1	11,697	11,481	2,852	8,739	10.2	52,489	56.6	66,600	70.6	52,489	56.6	66,600	70.6	53,135	56.6	66,600	64.6
13	2017	800.8	6,665	0	6,665	8.3	4,388	203	4,960	6.2	11,624	12,085	2,937	9,761	11.1	55,556	58.5	69,660	72.6	55,556	58.5	69,660	72.6	54,241	58.5	66,600	64.6
14	2018	807.6	6,492	0	6,492	8.0	4,519	209	5,076	6.3	11,568	12,739	3,025	10,739	12.1	58,556	60.0	72,600	74.6	58,556	60.0	72,600	74.6	55,241	60.0	66,600	64.6
15	2019	811.9	6,315	0	6,315	7.8	4,655	216	5,196	6.4	11,511	13,454	3,116	11,739	13.1	61,419	61.4	75,600	76.6	61,419	61.4	75,600	76.6	56,241	61.4	66,600	64.6
16	2020	829.8	6,169	0	6,169	7.4	4,795	222	5,320	6.4	11,490	14,248	3,209	12,739	14.1	64,248	62.2	78,600	78.6	64,248	62.2	78,600	78.6	57,241	62.2	66,600	64.6
17	2021	833.2	5,992	0	5,992	7.2	4,939	229	5,449	6.5	11,441	14,995	3,306	13,739	15.1	67,000	63.1	81,600	80.6	67,000	63.1	81,600	80.6	58,241	63.1	66,600	64.6
18	2022	842.4	5,832	0	5,832	6.9	5,087	236	5,583	6.6	11,414	15,799	3,405	14,739	16.1	70,000	64.0	84,600	82.6	70,000	64.0	84,600	82.6	59,241	64.0	66,600	64.6
19	2023	859.6	5,690	0	5,690	6.6	5,239	243	5,721	6.7	11,411	16,643	3,507	15,739	17.1	73,000	64.6	87,600	84.6	73,000	64.6	87,600	84.6	60,241	64.6	66,600	64.6
20	2024	877.3	5,556	0	5,556	6.3	5,396	247	5,863	6.7	11,419	17,568	3,612	16,739	18.1	76,000	65.0	90,600	86.6	76,000	65.0	90,600	86.6	61,241	65.0	66,600	64.6
Net Present Value		74,202	0	74,202	0	37,083	0	4,619	1,718	43,420	117,622	92,800	24,822	0	0.0	311,626	40.6	429,248	55.9	311,626	40.6	429,248	55.9	311,626	40.6	429,248	55.9
Nominal Levelized Cost (\$/MWh)		9.7				9.7				5.7				0.0		5.7			5.7	0.0	5.7			5.7	0.0		
Real Levelized Cost (\$/MWh)		7.8				7.8				4.6				0.0		4.6			4.6	0.0	4.6			4.6	0.0		

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

		Assumptions				Nominal Discount		Real Discount	
Installed Cost	46,159	2004 \$/kW	0	2004\$ per kW-mo	138.48	2004 \$/MWh	8.2 percent		
Installed Cost	324	2004 \$/kW	1.75	2004\$ per kW-mo	0.00	2004 \$/MWh	5.5 percent		
Project Capacity	142.3	MW			3.0	percent			
Heat Rate	7,444	Btu/kWh	3.0	percent	2,000	2004 \$/MWh			
Gas Usage Rate	25.4	000s dth/day	3.0	percent					
		Fixed Charge		Insurance Cost					
		Fixed O&M		Gas Transport					
		Escalation Rates		General Inflation					
		Fixed O&M		Option Value					
		Transportation							

Year	Energy (GWh)	Capital Recovery and Miscellaneous				Operations & Maintenance				Fixed Costs			Total Fixed Costs			Operating Margin (\$000s)	Option Value (\$000s)	Net Project Benefit (\$000s)	Total Variable Costs (\$/MWh)	Total Project Costs (\$000s)		
		Project (\$000s)	Fixed Chrg. (\$000s)	Total Costs (\$000s)	(\$/MWh)	Fixed (\$000s)	(\$/MWh)	Insur. (\$000s)	PrTax (\$000s)	(\$/MWh)	(\$000s)	(\$/MWh)	(\$000s)	(\$/MWh)	(\$000s)						(\$/MWh)	(\$000s)
1	2005	727.4	9,177	0	9,177	12.6	3,078	0	629	0	143	3,849	5.3	13,027	6,449	2,060	(4,518)	26,006	38.5	41,033	56.4	
2	2006	734.7	8,862	0	8,862	12.1	3,170	0	607	147	147	3,924	5.3	12,786	7,838	2,122	(2,827)	26,590	36.2	39,377	53.6	
3	2007	726.6	8,632	0	8,632	11.9	3,265	0	586	151	151	4,002	5.5	12,634	6,496	2,185	(3,952)	27,601	38.0	40,235	55.4	
4	2008	731.4	8,376	0	8,376	11.5	3,363	0	564	156	156	4,083	5.6	12,458	6,491	2,251	(3,716)	27,827	38.0	40,286	55.1	
5	2009	769.2	8,167	0	8,167	10.8	3,464	0	542	161	161	4,167	5.5	12,334	7,579	2,319	(2,436)	28,838	38.0	41,172	54.2	
6	2010	762.9	7,956	0	7,956	10.4	3,568	0	521	165	165	4,254	5.6	12,209	8,073	2,388	(1,749)	29,582	38.8	41,791	54.8	
7	2011	768.4	7,756	0	7,756	10.1	3,675	0	499	170	170	4,344	5.7	12,100	8,589	2,460	(1,051)	30,390	39.6	42,491	55.3	
8	2012	777.4	7,575	0	7,575	9.7	3,785	0	477	175	175	4,438	5.7	12,013	9,133	2,534	(346)	31,399	40.4	43,412	55.8	
9	2013	777.2	7,381	0	7,381	9.5	3,899	0	456	181	181	4,535	5.8	11,915	9,639	2,610	333	32,043	41.2	43,959	56.6	
10	2014	781.6	7,196	0	7,196	9.2	4,015	0	434	186	186	4,635	5.9	11,832	10,210	2,688	1,066	32,876	42.1	44,708	57.2	
11	2015	786.8	7,016	0	7,016	8.9	4,136	0	412	192	192	4,740	6.0	11,766	10,811	2,768	1,824	33,783	42.9	45,538	57.9	
12	2016	798.7	6,851	0	6,851	8.6	4,260	0	390	197	197	4,848	6.1	11,699	11,481	2,852	2,634	35,010	43.8	46,708	58.5	
13	2017	800.8	6,686	0	6,686	8.3	4,388	0	369	203	203	4,960	6.2	11,626	12,085	2,937	3,396	35,828	44.7	47,454	59.3	
14	2018	807.6	6,493	0	6,493	8.0	4,519	0	347	209	209	5,076	6.3	11,559	12,739	3,025	4,195	36,884	45.7	48,453	60.0	
15	2019	811.9	6,316	0	6,316	7.8	4,655	0	325	216	216	5,196	6.4	11,512	13,454	3,116	5,058	37,843	46.6	49,355	60.8	
16	2020	829.8	6,171	0	6,171	7.4	4,795	0	304	222	222	5,321	6.4	11,491	14,248	3,209	5,966	39,470	47.6	50,961	61.4	
17	2021	833.2	5,993	0	5,993	7.2	4,939	0	282	229	229	5,449	6.5	11,443	14,995	3,306	6,858	40,419	48.5	51,862	62.2	
18	2022	842.4	5,833	0	5,833	6.9	5,087	0	260	236	236	5,583	6.6	11,416	15,799	3,405	7,788	41,721	49.5	53,137	63.1	
19	2023	859.6	5,692	0	5,692	6.6	5,239	0	239	243	243	5,721	6.7	11,412	16,643	3,507	8,737	43,409	50.5	54,821	63.8	
20	2024	877.3	5,557	0	5,557	6.3	5,396	0	217	250	250	5,863	6.7	11,420	17,568	3,612	9,760	45,241	51.6	56,661	64.6	
Net Present Value			74,091	0	74,091		37,083	0	4,620	1,719	1,719	43,422		117,513	92,691	24,822	(0)	308,932	40.4	426,445	55.8	
Nominal Levelized Cost (\$/MWh)						9.7							5.7				(0.0)					55.8
Real Levelized Cost (\$/MWh)						7.9							4.6				(0.0)					45.2

50% of Coyote Springs 2 (CCCT and Duct Burner)

Economic Analysis Detail

Assumptions	2004	2004	2004	2004
Installed Cost	116,385	2004	\$000s	
Installed Cost	818	2004	\$/kW	
Project Capacity	142.3	MW		
Heat Rate	7,444	Btu/kWh		
Gas Usage Rate	25.4	000s dth/day		
Fixed Charge	0	2004\$/kW-yr		
Fixed O&M	1.75	2004\$/kW-yr		
Escalation Rates	3.0	percent		
Fixed O&M	3.0	percent		
Transportation	3.0	percent		
Insurance Cost	349.15	2004	\$000s	
Gas Transport	0.00	2004	\$/dth/day	
General Inflation	3.0	percent		
Option Value	2,000	2004	\$000s	
Nominal Discount				8.2 percent
Real Discount				5.5 percent

Year	Capital Recovery and Miscellaneous				Fixed Costs				Operations & Maintenance				Total Fixed Costs				Operating Margin				Option Value				Net Project Benefit				Total Variable Costs				Total Project Costs			
	Energy (\$/MWh)	Project (\$000s)	Fixed (\$000s)	Total (\$000s)	Fixed (\$000s)	Fixed (\$/MWh)	Fixed (\$000s)	Total (\$000s)	Fixed (\$000s)	Insur. (\$000s)	PrTax (\$000s)	Total (\$000s)	Total (\$/MWh)	Costs (\$000s)	Margin (\$000s)	Value (\$000s)	Value (\$/MWh)	Option (\$000s)	Option (\$/MWh)	Net (\$000s)	Benefit (\$/MWh)	Costs (\$000s)	Costs (\$/MWh)	Costs (\$000s)	Costs (\$/MWh)	Costs (\$000s)	Costs (\$/MWh)									
1	660.4	20,547	0	20,547	3,078	31.1	1,596	5,023	360	0	1,596	7.6	25,570	4,320	2,060	(19,190)	(29.1)	2,060	32.0	21,155	32.0	46,726	70.8													
2	703.0	19,966	0	19,966	3,170	28.4	1,532	5,072	370	0	1,532	7.2	25,038	5,852	2,122	(17,064)	(24.3)	2,122	31.6	22,188	31.6	47,226	67.2													
3	681.7	19,282	0	19,282	3,265	28.3	1,477	5,123	382	0	1,477	7.5	24,405	6,192	2,185	(16,028)	(23.5)	2,185	33.3	22,712	33.3	47,117	69.1													
4	700.9	18,672	0	18,672	3,363	26.6	1,422	5,178	393	0	1,422	7.4	23,850	8,734	2,251	(12,865)	(18.4)	2,251	34.5	24,189	34.5	48,049	68.6													
5	817.5	18,230	0	18,230	3,464	22.3	1,367	5,236	405	0	1,367	6.4	23,466	12,330	2,319	(8,817)	(10.8)	2,319	35.0	28,637	35.0	52,103	63.7													
6	825.4	17,641	0	17,641	3,568	21.4	1,313	5,297	417	0	1,313	6.4	22,938	15,381	2,388	(5,169)	(6.3)	2,388	35.8	29,515	35.8	52,454	63.6													
7	759.6	16,973	0	16,973	3,675	22.3	1,258	5,362	429	0	1,258	7.1	22,335	17,071	2,460	(2,805)	(3.7)	2,460	37.2	28,265	37.2	50,600	66.6													
8	785.9	16,412	0	16,412	3,785	20.9	1,203	5,431	442	0	1,203	6.9	21,842	19,930	2,534	621	0.8	2,534	38.6	28,812	38.6	50,654	64.5													
9	726.8	15,795	0	15,795	3,899	21.7	1,149	5,503	456	0	1,149	7.6	21,298	21,028	2,688	3,903	5.6	2,688	40.1	27,953	38.5	49,251	67.8													
10	692.6	15,164	0	15,164	4,015	21.9	1,094	5,579	469	0	1,094	8.1	20,743	21,988	2,868	4,675	6.9	2,868	41.4	26,759	38.6	47,501	68.6													
11	675.0	14,605	0	14,605	4,136	21.6	1,039	5,658	483	0	1,039	8.4	20,264	22,170	3,056	6,380	8.8	3,056	42.1	27,076	40.1	47,340	70.1													
12	724.3	14,173	0	14,173	4,260	19.6	985	5,742	498	0	985	7.9	19,915	23,444	3,252	8,302	10.8	3,252	43.7	30,016	41.4	49,931	68.9													
13	738.2	13,650	0	13,650	4,388	18.5	930	5,830	513	0	930	7.9	19,480	24,546	3,437	9,092	11.9	3,437	44.2	31,069	42.1	50,549	68.5													
14	660.6	12,971	0	12,971	4,519	19.6	875	5,923	528	0	875	9.0	18,894	23,723	3,625	7,854	11.9	3,625	45.1	28,865	43.7	47,759	72.3													
15	674.5	12,444	0	12,444	4,655	18.4	820	6,019	544	0	820	8.9	18,463	25,344	3,816	9,997	14.8	3,816	46.6	29,814	44.2	48,278	71.6													
16	711.1	11,978	0	11,978	4,795	16.8	766	6,121	560	0	766	8.6	18,099	26,543	4,006	11,653	16.4	4,006	48.7	32,041	45.1	50,139	70.5													
17	717.5	11,472	0	11,472	4,939	16.0	711	6,227	577	0	711	8.7	17,698	26,003	4,200	11,610	16.2	4,200	51.4	33,421	46.6	51,120	71.2													
18	798.2	11,092	0	11,092	5,087	13.9	656	6,337	594	0	656	7.9	17,429	25,919	4,405	11,895	14.9	4,405	54.4	37,440	46.9	54,870	68.7													
19	737.6	10,448	0	10,448	5,239	14.2	602	6,453	612	0	602	8.7	16,902	28,669	4,607	15,274	20.7	4,607	58.9	35,948	48.7	62,849	71.6													
20	975.7	10,558	0	10,558	5,396	10.8	547	6,574	631	0	547	6.7	17,132	188,859	3,612	175,339	179.7	3,612	51.4	50,178	51.4	67,310	69.0													
Net Present Value		159,620	0	159,620	37,083		11,650	53,066	4,333	0	11,650	7.4	212,686	187,864	24,822	0	0.0	24,822	37.5	267,550	37.5	480,236	67.2													
Nominal Levelized Cost (\$/MWh)					22.3							6.0																								
Real Levelized Cost (\$/MWh)					18.1																															