STATE OF SOUTH CAROLINA	)		BEFORE THE
(Caption of Case)			SERVICE COMMISSION
Integrated Resource Plan	)	OFS	SOUTH CAROLINA
	)		COVER SHEET
	)		
	)		
	)	DOCKET NUMBER: _2	2011 <u>11</u> E
	)	NUMBER:	
	)		
	)		
(Please type or print) Submitted by: Lockhart Power	Company	SC Bar Number:	
• <u> </u>		Telephone:	864-545-2211
Address: P.O. Box 10		Fax:	864-545-2591
Lockhart, S.C. 29364		Other:	
		Email: jseay@lo	ckhartpower.com
NOTE: The cover sheet and information	contained herein neither replaces	nor supplements the fil	ng and service of pleadings or other papers
as required by law. This form is required be filled out completely.	I for use by the Public Service Co	mmission of South Car	olina for the purpose of docketing and must
	CKETING INFORMA	<b>FION</b> (Check all the	at annly)
_	Re		placed on Commission's Agenda
Emergency Relief demanded in	1 1	peditiously	
Other:			
INDUSTRY (Check one)	NATUR	E OF ACTION (C	neck all that apply)
X Electric	Affidavit	Letter	Request
Electric/Gas	Agreement	Memorandum	
			Request for Certification
Electric/Telecommunications		☐ Motion	Request for Investigation
Electric/Water			
	Answer	Motion	Request for Investigation
Electric/Water	Answer Appellate Review	Motion Objection	<ul> <li>Request for Investigation</li> <li>Resale Agreement</li> <li>Resale Amendment</li> </ul>
Electric/Water Electric/Water/Telecom.	Answer Appellate Review	Motion Objection Petition	Request for Investigation Resale Agreement Resale Amendment Reservation Letter
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> </ul>	Answer Appellate Review Application Brief	Motion Objection Petition Petition	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> </ul>	Answer Appellate Review Application Brief Certificate	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Recons</li> <li>Petition for Rulem</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking         Response         how Cause
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Reconst</li> <li>Petition for Rulem</li> <li>Petition for Rule to S</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking         Response         whow Cause         Return to Petition
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Recons</li> <li>Petition for Rulem</li> <li>Petition for Rule to S</li> <li>Petition to Interver</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Return to Petition         Out of Time
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Recons</li> <li>Petition for Rulem</li> <li>Petition for Rule to S</li> <li>Petition to Interver</li> <li>Petition to Intervene</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Return to Petition         Out of Time
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> <li>Transportation</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> <li>Discovery</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Reconst</li> <li>Petition for Rulem</li> <li>Petition for Rule to S</li> <li>Petition to Intervene</li> <li>Prefiled Testimony</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         Sideration         Reservation Letter         aking         Response         show Cause         Return to Petition         Out of Time         Subpoena
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> <li>Transportation</li> <li>Water</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> <li>Discovery</li> <li>Exhibit</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Recons</li> <li>Petition for Rule to S</li> <li>Petition to Intervene</li> <li>Prefiled Testimony</li> <li>Promotion</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Stipulation         Out of Time         Subpoena         Tariff
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> <li>Transportation</li> <li>Water</li> <li>Water/Sewer</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> <li>Discovery</li> <li>Exhibit</li> <li>Expedited Consideration</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Reconstance</li> <li>Petition for Rulem</li> <li>Petition for Rule to Standard</li> <li>Petition to Intervent</li> <li>Petition to Intervent</li> <li>Prefiled Testimony</li> <li>Promotion</li> <li>Proposed Order</li> <li>Protest</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         Sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Out of Time         Subpoena         Tariff         Other:
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> <li>Transportation</li> <li>Water</li> <li>Water/Sewer</li> <li>Administrative Matter</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> <li>Discovery</li> <li>Exhibit</li> <li>Expedited Consideration</li> <li>Interconnection Agreement</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Reconstance</li> <li>Petition for Rulem</li> <li>Petition for Rule to Standard</li> <li>Petition to Intervent</li> <li>Petition to Intervent</li> <li>Prefiled Testimony</li> <li>Promotion</li> <li>Proposed Order</li> <li>Protest</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         Sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Out of Time         Subpoena         Tariff         Other:
<ul> <li>Electric/Water</li> <li>Electric/Water/Telecom.</li> <li>Electric/Water/Sewer</li> <li>Gas</li> <li>Railroad</li> <li>Sewer</li> <li>Telecommunications</li> <li>Transportation</li> <li>Water</li> <li>Water/Sewer</li> <li>Administrative Matter</li> </ul>	<ul> <li>Answer</li> <li>Appellate Review</li> <li>Application</li> <li>Brief</li> <li>Certificate</li> <li>Comments</li> <li>Complaint</li> <li>Consent Order</li> <li>Discovery</li> <li>Exhibit</li> <li>Expedited Consideration</li> <li>Interconnection Agreement</li> <li>Interconnection Amendment</li> </ul>	<ul> <li>Motion</li> <li>Objection</li> <li>Petition</li> <li>Petition for Reconstance</li> <li>Petition for Rule to State</li> <li>Petition to Intervene</li> <li>Prefiled Testimony</li> <li>Promotion</li> <li>Proposed Order</li> <li>Protest</li> <li>Publisher's Affidate</li> </ul>	Request for Investigation         Resale Agreement         Resale Amendment         Sideration         Reservation Letter         aking         Response         show Cause         Response to Discovery         e         Out of Time         Subpoena         Tariff         Other:

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P.O. BOX 10, 420 RIVER STREET LOCKHART, SOUTH CAROLINA 29364 TELEPHONE (864) 545-2211 FAX (864) 545-2591 www.lockhartpower.com

June 30, 2011

THE HONORABLE JOCELYN BOYD Chief Clerk and Administrator South Carolina Public Service Commission 101 Executive Center Drive Suite 100 Columbia, South Carolina 29210

Docket No. 2011-11-E Order No. 94-348 & 98-502

Dear Jocelyn Boyd:

Pursuant to Docket No. 2011-11-E, Order No 94-348 & 98-502, please find enclosed for filing Lockhart Power Company's **INTEGRATED RESOURCE PLAN** dated June, 2011.

Very truly yours,

mes H. Seay,

James H. Seay, Jr. Manager – Engineering & Regulatory Affairs Lockhart Power Company Lockhart, SC 29364

### LOCKHART POWER COMPANY

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### **INTEGRATED RESOURCE PLAN**

1	1.	STATEMENT OF OBJECTIVE
2		Lockhart Power Company's (LPC) objective in developing an Integrated Resource Plan
3		(IRP) is to minimize our long run total costs and produce the least cost to our customers
4		consistent with the availability of an adequate and reliable supply of electric energy while
5		maintaining system flexibility and considering environmental impacts. We intend for the
6		plan to also improve customer service, offer additional customer options, and improve
7		efficiencies of energy usage.
8		
9	2.	RELEVANT SUPPORTING DOCUMENTATION
10		
11		a. See ATTACHMENTS
12		1 DEMAND FORECAST
13		2 SUPPLY AND SALES FORECAST
14		3 LOCKHART POWER COMPANY ENERGY SOURCES
15		4 CASH FLOW BREAKEVEN TEST WORKSHEET
16		
17		
18		
19		
20		
21		
22		
23		

### 3. SUPPLY RESOURCES

LPC presently utilizes five sources of supply ---- Lockhart hydroelectric facility, Pacolet hydroelectric facility, Lockhart's Diesel Generation facility in Pacolet, SC, Lockhart's Diesel Generation facility in Union, SC, and purchases from Duke Energy . LPC purchases approximately 80% of its total system input in MWH's. SEE ATTACHMENT 3. LPC uses its run-of-river hydro plant as a peaking unit through out the year. Duke Energy's rates to LPC are presumptively just and reasonable, having been permitted by the FERC. We plan to continue to use Duke Energy for the foreseeable future. However, LPC intends to investigate other sources to determine if the costs and benefits, both short run and long run, meet the objectives of our IRP. The sources we intend to investigate include, but are not limited to the following:

**<u>GENERATION</u>** --- Additional Hydro for peak shaving. 14 Spot, Short Term, Long Term from present PURCHASES ---15 supplier to reduce supply cost. Spot, Short Term, Long Term from 16 Independent Power Producers or Exempt Wholesale Generators to 17 reduce supply cost. 18 19 20 21 VARIOUS ENERGY ALTERNATIVES, EFFICIENT ENERGY CHOICES AND 4. 22

### 23 PROPER PRICING SIGNALS

- 24 LPC has and continues to do the following:
  - A. Designed its rates to economically encourage improved load factors and to reduce monthly demands by:
- 271.Incorporating a demand penalty by use of a demand ratchet28in its resale rates. This encourages peak shaving.

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1			2.	Dividing its commercial and industrial rates into a first 200
2			hours	use of billing demand rate and an over 200 hours use of
3			billing	demand rate with the rates in the latter considerably less
4			expens	sive than the first 200 hours use block. This encourages peak
5			shavin	g.
6			3.	Incorporating stringent conservation requirements in its
7			Reside	ential - All Electric and General Service - All Electric rates.
8			This e	ncourages conservation.
9			4.	Designing its Residential and Residential - All Electric
10			rates s	uch that they are identical during the summer months, the
11			season	of LPC's system peak. This encourages peak shaving and
12			conser	vation.
13			5.	Designing its General Service Commercial and General
14			Servic	e - All Electric rates such that they are identical during the
15			summ	er months, the season of LPC's system peak. This
16			encou	rages peak shaving and conservation.
17			6.	Converting its Residential rate and Residential - All
18			-Elect	ric rate (summer months) from a declining block rate to an
19			invert	ed rate. This encourages conservation.
20				
21				
22	5.	EVALUATING PO	TENTI	AL OPTIONS
23				
24		LPC will employ unt	biased a	nalysis techniques for potential options included in its IRP.
25		LPC will evaluate ea	ch optic	on by including all appropriate costs and and benefits and will
26		provide a detailed ex	planatic	on with supporting evidence for our choice.
27				

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### 6. EVALUATING THE COST EFFECTIVENESS OF SUPPLY-SIDE AND DEMAND SIDE OPTIONS

- 4 LPC will evaluate the cost effectiveness of each supply-side and demand-side option by 5 considering relevant costs and benefits. LPC will evaluate each option by the cash flow 6 breakeven method. SEE ATTACHMENT 4. Worksheets will be used to show the detail 7 for Columns 2, 3, 4, and 5. Savings and Environmental costs will be included as Added 8 Net Sales or an Expense depending on the value developed for that particular item. If 9 Column 13 shows that the project will take longer than six years to break even, the 10 project will probably not be implemented.
- 11

### 12

### 13

### 7. MEASURE OF NET BENEFITS

LPC will provide the net benefits resulting from the options chosen for use, keeping within the objective stated in 1. Benefits will be quantified on the Worksheets described in 6. above. Benefits are considered to be, but are not limited to, cost savings, peak load shaving, conservation, load shifting, valley filling, environmental concerns, improvement of customer service, offering of additional customer options, improved efficiencies of energy usage, and improved outage times and reliability.

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### 21 22

### 8. ENVIRONMENTAL COSTS

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LPC will consider environmental costs on a monetized basis where reasonable and sufficient data is available in its planning process and evaluation of options. Those environmental costs that cannot be monetized will be addressed on a qualitative basis within the planning process and evaluation of options. Environmental costs can be

1		increased or	reduced. The environmenta	l costs referred to	here are those costs associated
2		with demand	d or supply side options whic	ch impact the cust	omer directly or indirectly.
3					
4	9.	DEMAND.	AND ENERGY FORECAS	ST	
5					
6		SEE ATTA	CHMENTS 1 AND 2		
7					
8	10.	EVALUAT	TION AND REVIEW OF E	XISTING DEMA	AND-SIDE OPTIONS
9					
10		SEE 4. ABC	OVE		
11					
12	11.	FUTURE S	TUDIES		
13					
14		LPC present	tly has no significant studies	in progress.	
15					
16	12.	FLEXIBIL	ITY AND QUICK RESPO	INSE	
17		LPC intende	s to remain flexible enough t	o react quickly to	changes in a manner consistent
18		with minim	izing costs while maintainin	g reliability.	
19					
20					
21	13.	MAINTEN	IANCE		
22					
23		Maintenanc	e is a continuous process at	LPC. Actual mair	ntenance costs for 2009 and
24		2010 are sh	own below as well as the for	ecast of maintena	nce costs for 2011 through
25		2025.			
26		YEAR	MAINTENANCE COS	T YEAR MAI	NTENANCE COST
27		2009	\$1,207,606	2018	\$1,595,803
28		2010	1,259,742	2019	1,643,677

	2011	1,297,534	2020	1,692,987
	2012	1,336,460	2021	1,743,777
	2013	1,376,554	2022	1,796,090
	2014	1,417,850	2023	1,849,973
	2015	1,460,386	2024	1,905,472
	2016	1,504,197	2025	1,962,636
	2017	1,549,323		
14.	THIRD PARTY P	OWER PURCHASES	5	
	LPC will investigat	e other purchase source	s if the occasion arises	and is willing to pursue
	any other purchase	sources to determine if	the costs and benefits,	both short run and long
	run, provide our cu	stomers with the option	s consistent with our IF	RP objective.
15.	NEW TECHNOL	OGIES		
	LPC will continuou	usly evaluate, pursuant t	to its IRP objective, new	w technology for both
	demand-side and su	upply-side options.		
16.	FUTURE SUPPL	Y-SIDE OPTIONS		
	LPC presently has	no certain scheduled su	pply side options other	than those described in
	3.			
	3.			
	3.			
17.	CAPTURING LC	OST OPPORTUNITY		
17.	<b>CAPTURING LO</b> LPC gives attention	<b>DST OPPORTUNITY</b> n to capturing lost-oppo avings such as in new c	ortunity resources which	
	15.	<ul> <li>2012</li> <li>2013</li> <li>2014</li> <li>2015</li> <li>2016</li> <li>2017</li> <li>14. THIRD PARTY P</li> <li>LPC will investigate any other purchase run, provide our cut</li> <li>15. NEW TECHNOL</li> <li>LPC will continuou demand-side and state and state</li></ul>	2012       1,336,460         2013       1,376,554         2014       1,417,850         2015       1,460,386         2016       1,504,197         2017       1,549,323         14.       THIRD PARTY POWER PURCHASES         LPC will investigate other purchase source any other purchase sources to determine if run, provide our customers with the option         15.       NEW TECHNOLOGIES         LPC will continuously evaluate, pursuant to demand-side and supply-side options.         16.       FUTURE SUPPLY-SIDE OPTIONS	20121,336,460202120131,376,554202220141,417,850202320151,460,386202420161,504,197202520171,549,323 <b>14. THIRD PARTY POWER PURCHASES</b> LPC will investigate other purchase sources if the occasion arises any other purchase sources to determine if the costs and benefits, run, provide our customers with the options consistent with our IF <b>15. NEW TECHNOLOGIES</b> LPC will continuously evaluate, pursuant to its IRP objective, new demand-side and supply-side options.

1		replacement of existing equipment. In routine replacement of any and all equipment,
2		LPC includes energy and efficiency savings as a component of evaluation.
3		
4	18.	DYNAMICS OF IRP PROCESS
5		
6		LPC realizes that the IRP process is dynamic and that modifications may be necessary
7		over time. As new issues arise, existing issues or components of the plan change in
8		significance and improved analysis techniques developed; LPC intends to file revisions to
9		its IRP with The Public Service Commission of South Carolina and request that the
10		Commission incorporate the revision into LPC's IRP or approve it as a separate
11		consideration.

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LOCKHART POWER COMPANY

DOCKET NO. 2011-11-E ORDER NO. 94-348 & 98-502

## SUMMER DEMAND FORECAST

SYSTEM SUMMER PEAK	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DEMAND IN MWYS System Peak Demand	70.8	71.5	72.2	72.9	73.7	74.4	75.2	75.9	76.7	4.77	78.2	79.0	79.8	80.6	81.4
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
LOCKHART HYDRO GENERATION	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
PACOLET HYDRO GENERATION	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
PACOLET DIESEL GENERATION	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
UNION DIESEL GENERATION	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
PURCHASES FROM DUKE ENERGY	40.9	41.6	42.3	43.0	43.8	44.5	45.3	46.0	46.8	47.5	48.3	49.1	49.9	50.7	51.5
TOTAL DEMAND SOURCES	70.8	71.5	72.2	72.9	73.7	74.4	75.2	75.9	76.7	77.4	78.2	79.0	79.8	80.6	81.4
			4												

## WINTER DEMAND FORECAST

2025

75.5

**2025** 16.5 5.5 7.3 75.5

SYSTEM WINTER PEAK	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
DEMAND IN MIV'S SYSTEM PEAK DEMAND	65.7	66.4	67.0	67.7	68.4	69.1	69.7	70.4	71.1	71.9	72.6	73.3	74.0	74.8	·
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
DEMAND SOURCES LOCKHART HYDRO GENERATION	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
PACOLET HYDRO GENERATION	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
PACOLET DIESEL GENERATION	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	
UNION DIESEL GENERATION	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	
PURCHASES FROM DUKE ENERGY	35.8	36.5	37.1	37.8	38.5	39.2	39.8	40.5	41.2	42.0	42.7	43.4	44.1	44.9	-
TOTAL DEMAND SOURCES	65.7	66.4	67.0	67.7	68.4	69.1	69.7	70.4	71.1	71.9	72.6	73.3	74.0	74.8	

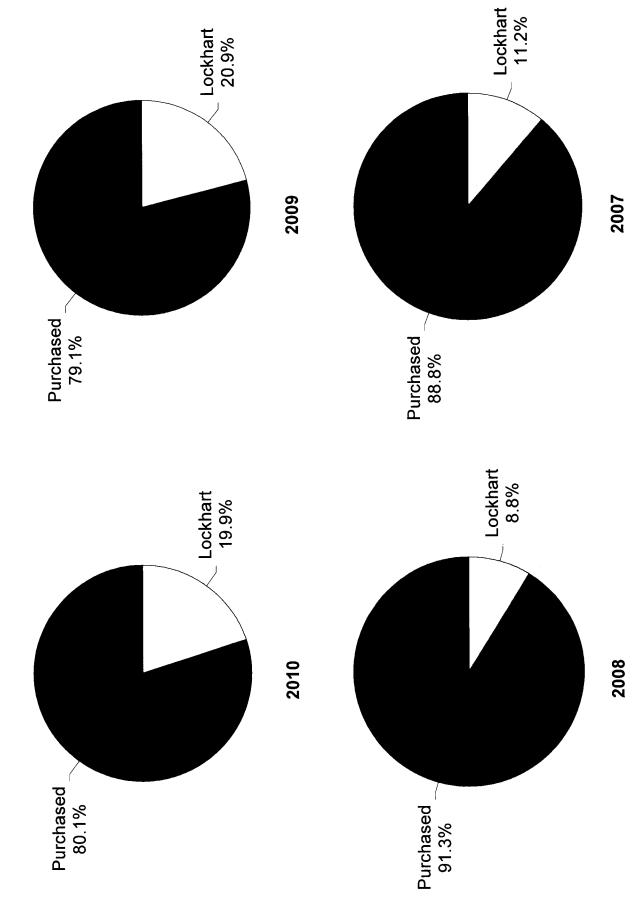
LOCKHART POWER COMPANY

Docket NO. 2011-11-E Order NO. 94-348 & 98-502

# SUPPLY AND SALES FORECAST (MWH)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
System Requirements Metered Sales	335581	338,937	342,326	345,749	349,207	352,699	356,226	359,788	363,386	367,020	370,690	374,397	378,141	381,922	385,742
Company Use	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642
Losses	19703	19,900	20,099	20,300	20,503	20,708	20,915	21,124	21,336	21,549	21,764	21,982	22,202	22,424	22,648
Required System Input	355,926	359,479	363,067	366,691	370,352	374,049	377,783	381,555	385,364	389,211	393,097	397,021	400,985	404,988	409,032
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Supply Sources															
Lockhart Hydro Generation	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841	66841
Pacolet Hydro Generation	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234	3234
Pacolet Diesel Generation	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366
Union Diesel Generation	498	498	498	498	498	498	498	498	498	498	498	498	498		498
Purchases from Duke	284,987	288,540	292,128	295,752	299,413	303,110	306,844	310,616	314,425	318,272	322,158	326,082	330,046	334,049	338,093
Total Supply	355,926	359,479	363,067	366,691	370,352	374,049	377,783	381,555	385,364	389,211	393,097	397,021	400,985	404,988	409,032

ENERGY SOURCES IN PERCENT OF MWH'S INPUT LOCKHART POWER COMPANY



### ATTACHMENT 3

Note: Purchased Power obtained from Duke Energy

### Lockhart Power Company Cash Flow Breakeven Test

							OPERATII	<b>VG RESUL</b>	TS (MS)	CAPITAL	OPERATING RESULTS (MS) CAPITAL EMPLOYED	CAS	CASH FLOW
	YEAR	R	PRE-TAX	DEPR	DEPRECIATION ON	N ON							
			PROFIT,										
			AFTER SER								ALLOCATED		
		ADDED	EXPENSE,				PROFIT		GROSS		TRANS-		
PRO-	FIS	NET	BEFORE	REQUEST	L	INCOME	AFTER		CASH	+ FIXED	FERRED		CUMULATIVE
JECT	CAL	SALES	DEPR.	ITEMS I	TEMS TRANSFERS	TAX	TAX		FLOW	ASSETS	ASSETS	NET	NET
	-	2	e	4	5	9	7	æ	6	10	11	12	13
		WORKSHEET	VORKSHEET WORKSHEET		ORKSHEEWORKSHEE	34% X	3-			FORM	WORKSHEET		ALGEBRAIC
		-	5 OR 6	4	4	3-(4+5)	(4+5+6)		4+7	101	2	9-10	SUM COL 12
0													
ŀ													
2													
e													
4													

Attachment 4