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ROBERT M. ERVIN, JR.
STUART E. GOLDBERG
J. STANLEY CHAPMAN
DAYTEN P. HANSON

November 2, 1992

VIA HAND DELIVERY

Honorable Steve Tribble
Director - Records and Reporting
Florida Public Service Commission
101 E. Gaines Street, Room 107
The Fletcher Building
Tallahassee, Florida 32399

921128-EC

RE: Coastal Lumber Co. v. Talquin Electric
Cooperative, Inc.

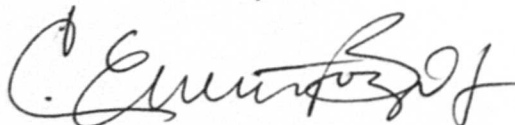
Dear Mr. Tribble:

TALQUIN EC913

Please find enclosed herewith an original and fifteen copies of the complaint of Coastal Lumber Company against Talquin Electric Cooperative, Inc. Please docket same in the Commission's files for appropriate consideration by the Staff and Commission.

Should you have any questions concerning the complaint, please do not hesitate to call me.

Sincerely,



C. Everett Boyd, Jr.

CEB, jr:bah
Enclosures

DOCUMENT NUMBER-DATE
12321 NOV-2 1992
FPSC-RECORDS/REPORTING

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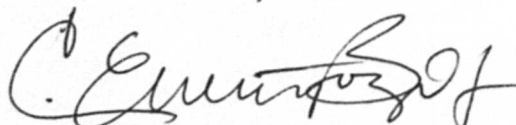
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BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

Docket No. 92
Submitted for filing:
November 2, 1992

COASTAL LUMBER COMPANY,)
)
Plaintiff,)
)
v.)
)
TALQUIN ELECTRIC COOPERATIVE, INC.)
)
Defendant.)
)
)
)
_____)

COMPLAINT

Coastal Lumber Company ("Coastal") by and through its undersigned counsel and pursuant to Commission Rule 25-22.036, Florida Administrative Code, files this Complaint against Talquin Electric Cooperative, Inc. ("Talquin Electric"), and says:

1. Coastal is a South Carolina corporation, and operates a wood products manufacturing facility in Gadsden County, Florida. Coastal is a customer of Talquin Electric.

2. All notices and pleadings in this docket should be served on Coastal at the following addresses:

C. Everett Boyd, Jr.
Ervin, Varn, Jacobs,
Odom & Ervin
Post Office Drawer 1170
Tallahassee, Florida 32302

Thomson W. Rockwood
General Manager
Florida Division
Coastal Lumber Company
Post Office Box 1128
Havana, Florida 32333

3. Talquin Electric is a rural electric cooperative organized and operating pursuant to Chapter 425, Florida Statutes. Talquin Electric is an "electric utility within the meaning of Chapter 366, Florida Statutes." The mailing address for Talquin Electric is U.S. Highway 90 West, Quincy, Florida.

4. As an electric utility, Talquin Electric is subject to the jurisdiction of the Florida Public Service Commission with regard to, among other things, rate structure. See Section 366.04(2)(b), Florida Statutes.

5. Talquin Electric provides electric service to customers in the Big Bend area of Florida. Its electric tariff contains a basic package of rate schedules intended for residential, commercial, industrial, and large industrial classes of customers. Rate Schedule RS is designed for residential use. Rate Schedule GS, a non-demand metered service, is designed for non-residential uses. Rate Schedule GSD is a demand metered service available for customers with a minimum capacity of 50KW. Rate Schedule GSLD is a demand metered service available for large industrial customers with a minimum capacity of 1,000KW. Rate Schedule GSLD is for non-curtable, non-interruptible service. Talquin Electric currently offers neither curtable nor interruptible general service to its customers. Copies of Talquin Electric's current tariff pages are attached as "Exhibit A."

6. Coastal takes electric service from Talquin Electric under the GSLD rate. For the 12 month period ended May 1992, Coastal purchased approximately 18,212,400 kilowatt hours of energy from Talquin Electric. Average monthly demand was 3,188 kilowatts. The total amount paid by Coastal to Talquin Electric for electric service during the 12 month period was \$1,212,962.00, excluding state sales and gross receipts taxes. Attached as "Exhibit B" are summaries of Coastal's history of electric usage and billing for the 12 month period.

7. Coastal submits that the rates and rate structure of Talquin Electric are discriminatory, unfair, unjust, and excessive.

8. Talquin Electric's rates for its GSLD tariff service, as paid by Coastal, are discriminatory, unfair, and unjust because the level of those rates relative to the Talquin Electric RS rate for residential service are substantial greater than comparable rates of Florida Power Corporation ("FPC") for large industrial service (firm or interruptible) relative to FPC rates for residential service. A large and unjustified disparity exists between (a) the ratio of what Coastal pays Talquin Electric for electricity and what Coastal would pay Florida Power Corporation for the same electric service (on a firm or interruptible basis), and (b) the ratio of the average residential rates of Talquin Electric and FPC.

The foregoing disparities can be shown as follows:

Coastal Electricity Cost for June 1991 - May 1992
Excluding Sales Tax (From Exhibit B)

<u>Actual</u> <u>Talquin Cost</u>	<u>Calculated</u> <u>FPC Cost</u>	<u>Talquin/FPC</u>
6.66¢/KWH (GSLD)	4.68¢/KWH (GSLD)	142.3%
	3.51¢/KWH (Interruptible GS)	189.7%

Average Residential Cost for 1,000 KWH¹
 Excluding Sales Tax

<u>Talquin</u>	<u>FPC</u>	<u>Talquin/FPC</u>
8.150¢/KWH	7.106¢/KWH	114.7%

Rate Disparity

(GSLD)	142.3% - 114.7% =	27.6%
(Interruptible GS)	189.7% - 114.7% =	75.0%

9. The excessive, discriminatory, unjust, and unfair level of Talquin Electric's GSLD rates paid by Coastal, and the injustice and unfairness of the absence of a Talquin Electric Interruptible Service schedule is demonstrated by the huge disparity between the overall electric costs paid by Coastal and the costs that would be paid by Coastal if it were a customer of Florida Power Corporation served under either FPC's GSLD or Interruptible GS rate schedules.

¹ The Talquin Electric and FPC cost figures are taken from the July 22, 1992, letter of Margaret Meeter, Economic Analyst, of the Commission Staff. A copy of Ms. Meeters's letter is attached as "Exhibit C."

Coastal Electric Costs
June 1991 - May 1992

Actual Paid to Talquin (includes tax)	\$1,325,466	7.3¢/KWH
Calculated Payments to FPC		
GSLD Rates	\$ 911,311	5.0¢/KWH
Interruptible GS Rates	<u>\$ 683,630</u>	<u>3.8¢/KWH</u>
Annual Cost Disparity		
GSLD Rates	\$ 414,155	2.3¢/KWH
Interruptible GS Rates	\$ 641,836	3.5¢/KWH

10. In the 12 months ending May 31, 1992, Talquin Electric charged Coastal \$641,836, or 94%, more than Florida Power Corporation would have charged Coastal. This disparity is totally unjustified and significantly hinders Coastal's ability to compete successfully in the highly competitive wood products industry. The key to success in the wood products industry is tight cost control. Coastal can not successfully compete against competitors who are not burdened with \$641,836 per year in excessive electricity costs.

11. Electricity costs are a very significant part of the cost structure of any wood products manufacturer. Coastal's year-to-date electricity costs have been 14% of total manufacturing costs.

If Coastal had been a customer of Florida Power Corporation its electricity costs would have been less than 8% of manufacturing costs.

12. Coastal was forced to close its Havana lumber operation in early 1991 in part because excessive electricity costs relative to those of its competitors made the plant uncompetitive and unprofitable.

13. Coastal receives electricity directly from a Talquin Electric substation which is fed directly by Florida Power Corporation lines. Talquin Electric simply buys electricity fed to it from FPC, passes it through its substation, and then feeds it to Coastal. Talquin Electric pays approximately 4.0¢ per KWH to FPC for the electricity it sells to Coastal at 6.66¢ per KWH. Given the rate disparity relative to Talquin Electric's residential rates, is it justified in charging Coastal 66% more than it pays FPC for simply passing electricity through its substation?

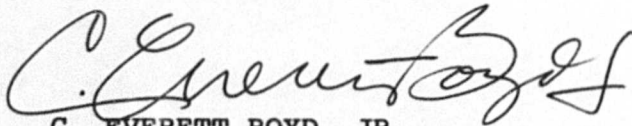
14. The rate structure of Talquin Electric is not fair, just, and reasonable as required by Commission Rule 25-9.052, Florida Administrative Code, insofar as, (1) the GSLD rate is disproportionately high relative to the residential RS rate class, and (2) Talquin offers no interruptible General Service rate class as do other utilities with whose customers Coastal must compete. The Commission should determine a proper rate structure for Talquin Electric directing a more appropriate GSLD rate, and, alternatively, consider directing the creation by Talquin Electric of a distinct rate class of interruptible service for large

industrial customers with appropriately lower rates.

WHEREFORE, Coastal Lumber Company respectfully requests that the Commission prescribe a rate structure for Talquin Electric that is fair, just, and reasonable wherein the Commission will revise Talquin Electric's rate structure so that the relationship between the GSLD rate and the RS rate is consistent with similar rates for Florida Power Corporation and other investor owned public utilities in Florida, and grant any other relief the Commission deems fair and reasonable.

Dated this 2d day of November, 1992.

Respectfully submitted,



C. EVERETT BOYD, JR.
of the law firm of
Ervin, Varn, Jacobs,
Odom & Ervin
Post Office Drawer 1170
Tallahassee, Florida 32302
(904) 224-9135

ATTORNEYS FOR
COASTAL LUMBER COMPANY

Complaint

GENERAL SERVICE/NON-DEMAND

RATE SCHEDULE GS

AVAILABILITY:

Available throughout the entire territory served by the Cooperative in accordance with Cooperative's Rules and Regulations for Electric Service.

APPLICABLE:

To any electric service, other than residential, for light and power purposes where the measured monthly KW demand is less than 50 KW and not specifically served under another rate.

CHARACTER OF SERVICE:

Single phase or three phase, 60 Hertz, at one available standard voltage, at a single point of delivery.

CONDITIONS OF SERVICE:

Resale of service or standby service not permitted hereunder. Service is subject to Cooperative's Rules and Regulations for Electric Service. Three phase service may be limited to areas near the Cooperative's three phase lines.

MONTHLY RATE:

Facilities Charge:

Single Phase Service \$ 7.50

Three Phase Service \$20.00

Energy Charge:

8.0 ¢ per KWH

WHOLESALE POWER COST ADJUSTMENT:

Monthly energy rate is subject to adjustment according to the Wholesale Power Cost Adjustment Schedule PCA.

(Continued on Sheet No. 7.1)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 7.0)

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the higher of:

1. The Facilities Charge
2. The monthly charge established by contractual agreement.

TAX ADJUSTMENTS:

Amount computed at the above monthly rate, as adjusted by application of the monthly Wholesale Power Cost Adjustment, shall be subject to any applicable taxes, assessments, fees, and/or surcharges legally imposed by any governmental authority. The Florida Gross Receipts Tax on electric utility service shall be separately stated in full on all bills.

TERMS OF PAYMENT:

The above rates are net, gross rates being ten percent (10%) higher not to exceed net plus \$5.00. Gross rates apply if current monthly bill is not paid by due date shown on bill.

Neither rates nor bills shall be discounted, except as specifically provided in this or other rate schedules. Bills rendered hereunder are payable, in cash, within the time limit specified on the bill, at Cooperative designated locations.

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

GENERAL SERVICE LARGE DEMAND

RATE SCHEDULE GSLD

AVAILABILITY:

Available throughout the entire territory served by the Cooperative in accordance with Cooperative's Rules and Regulations for Electric Service.

APPLICABLE:

To any electric service, other than residential, for light and power purposes where the measured monthly KW demand is 1000 KW or more at the qualifying customer's option through written request to the Cooperative.

CHARACTER OF SERVICE:

Three phase, 60 Hertz, at one available standard voltage, at a single point of delivery.

CONDITIONS OF SERVICE:

Resale of service or standby service not permitted hereunder. Service is subject to Cooperative's Rules and Regulations for Electric Service.

MONTHLY RATE:

Facilities Charge	\$300.00
Demand Charge	\$ 7.50 per KW of Billing Demand
Energy Charge	5.45 ¢ per KWH

WHOLESALE POWER COST ADJUSTMENT:

Monthly energy rate is subject to adjustment according to the Wholesale Power Cost Adjustment Schedule PCA.

(Continued on Sheet No. 8.11)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 8.01)

BILLING DEMAND:

The billing demand shall be the higher of:

1. The maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered.
2. Service under this rate schedule is predicated upon the customer maintaining a power factor of 90% or higher. When a customer does not maintain the required power factor, the metered KW demand will be converted to KVA, in which case the monthly billing demand shall be 90% of KVA.
3. 1000 KW.

MINIMUM MONTHLY CHARGE:

1. The Facilities Charge plus Demand Charge.
2. Minimum monthly charge established by contractual agreement.

HIGH VOLTAGE SERVICE:

Where the customer takes service at one point of delivery, at an available voltage of 12 KV or higher, the following credits may be applied to each KW of billing demand:

12 KV up to 69 KV	\$ 0.50 per KW
69 KV or higher	\$ 1.00 per KW

Under this provision, the customer assumes responsibility for the installation and maintenance of transformers and other equipment on the load side of the point of delivery. The Cooperative may change the delivery voltage after reasonable advance notice to the customer.

TAX ADJUSTMENTS:

Amount computed at the above monthly rate, as adjusted by application of the monthly Wholesale Power Cost Adjustment, shall be subject to any applicable taxes, assessments, fees, and/or surcharges legally imposed by any governmental authority. The Florida Gross Receipts Tax on electric utility service shall be separately stated in full on all bills.

(Continued on Sheet No. 8.21)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 8.11)

TERMS OF PAYMENT:

The above rates are net, gross rates being 5% higher on the first \$25 and 2% on the remainder of the bill. Gross rates apply if current monthly bill is not paid by due date shown on bill.

Neither rates nor bills shall be discounted, except as specifically provided in this or other rate schedules. Bills rendered hereunder are payable, in cash, within the time limit specified on the bill, at Cooperative designated locations.

SPECIAL PROVISIONS:

1. Customers electing service under this rate schedule must take service under this rate schedule for a minimum of twelve (12) consecutive months.
2. The Cooperative may, under the provisions of this rate, require a contract with the customer. Whenever the customer increases his electrical load, which increase requires the Cooperative to increase facilities installed for the specific use of the customer, a new contract may be required.
3. The Cooperative will furnish service under this rate at a single voltage, at a single point of delivery. Equipment to supply additional voltages or additional facilities for the use of the customer shall be furnished and maintained by the customer.

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

RESIDENTIAL SERVICE

RATE SCHEDULE RS

AVAILABILITY:

Available throughout the entire territory served by the Cooperative in accordance with Cooperative's Rules and Regulations for Electric Service.

APPLICABLE:

To electric service used for domestic purposes in residences and certain non-commercial purposes not served under other rate schedules.

CHARACTER OF SERVICE:

Single phase, 60 Hertz, at one available standard voltage, at a single point of delivery.

CONDITIONS OF SERVICE:

Resale of service or standby service not permitted hereunder. Service is subject to Cooperative's Rules and Regulations for Electric Service.

MONTHLY RATE:

Facilities Charge	\$ 7.50
Energy Charge	7.7 ¢ per KWH

WHOLESALE POWER COST ADJUSTMENT:

Monthly energy rate is subject to adjustment according to the Wholesale Power Cost Adjustment Schedule PCA.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the higher of the Facilities Charge or minimum monthly charge established by contractual agreement.

(Continued on Sheet No. 9.1)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 9.0)

TAX ADJUSTMENTS:

Amount computed at the above monthly rate, as adjusted by application of the monthly Wholesale Power Cost Adjustment, shall be subject to any applicable taxes, assessments, fees, and/or surcharges legally imposed by any governmental authority. The Florida Gross Receipts Tax on electric utility service shall be separately stated in full on all bills.

TERMS OF PAYMENT:

The above rates are net, gross rates being ten percent (10%) higher not to exceed net plus \$5.00. Gross rates apply if current monthly bill is not paid by due date shown on bill.

Neither rates nor bills shall be discounted, except as specifically provided in this or other rate schedules. Bills rendered hereunder are payable, in cash, within the time limit specified on the bill, at Cooperative designated locations.

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

GENERAL SERVICE DEMAND

RATE SCHEDULE GSD

AVAILABILITY:

Availability throughout the entire territory served by the Cooperative in accordance with the Cooperative's Rules and Regulations for Electric Service.

APPLICABLE:

To any electric service, other than residential, for light and power purposes where the measured monthly KW demand is 50 KW or more and not specifically served under another rate.

CHARACTER OF SERVICE:

Single phase or three phase, 60 Hertz, at one available standard voltage, at a single point of delivery.

CONDITIONS OF SERVICE:

Resale of service or standby service not permitted hereunder. Service is subject to Cooperative's Rules and Regulations for Electric Service. Three phase service may be limited to areas near the Cooperative's existing three phase lines.

MONTHLY RATE:

Facilities Charge	\$60.00
Demand Charge	
Billing Demand in excess of 20 KW	\$ 6.00 per KW
Energy Charge	6.25 ¢ per KWH

WHOLESALE POWER COST ADJUSTMENT:

Monthly energy rate is subject to adjustment according to the Wholesale Power cost adjustment Schedule PCA.

(Continued on Sheet No. 10.1)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 10.0)

BILLING DEMAND:

The billing demand shall be the higher of:

1. The maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered.
2. Service under this rate schedule is predicated upon the customer maintaining a power factor of 90% or higher. When a customer does not maintain the required power factor, the metered KW demand will be converted to KVA, in which case the monthly billing demand shall be 90% of KVA.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the higher of:

1. The Facilities Charge.
2. Minimum monthly charge established by contractual agreement.

TAX ADJUSTMENTS:

Amount computed at the above monthly rate, as adjusted by application of the monthly Wholesale Power Cost Adjustment, shall be subject to any applicable taxes, assessments, fees, and/or surcharges legally imposed by any governmental authority. The Florida Gross Receipts Tax on electric utility service shall be separately stated in full on all bills.

TERMS OF PAYMENT:

The above rates are net, gross rates being 5% higher on the first \$25 and 2% on the remainder of the bill. Gross rates apply if current monthly bill is not paid by due date shown on bill.

Neither rates nor bills shall be discounted, except as specifically provided in this or other rate schedules. Bills rendered hereunder are payable, in cash, within the time limit specified on the bill, at Cooperative designated locations.

(Continued on Sheet No. 10.2)

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

TALQUIN ELECTRIC COOPERATIVE, INC.

(Continued from Sheet No. 10.1)

SPECIAL PROVISIONS:

1. The Cooperative may, under the provisions of this rate, require a contract with the customer. Whenever the customer increases his electrical load, which increase requires the Cooperative to increase facilities installed for the specific use of the customer a new contract may be required.
2. The Cooperative will furnish service under this rate at a single voltage, at a single point of delivery. Equipment to supply additional voltages or additional facilities for the use of the customer shall be furnished and maintained by the customer.

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

WHOLESALE
POWER COST ADJUSTMENT
SCHEDULE PCA

APPLICABILITY:

To be added to monthly rate of each filed rate schedule in which reference is made to this schedule.

CALCULATION:

All energy charges shall be increased or decreased by 1/10 mill (0.0001) per kilowatt hour for each 1/10 mill or major fraction thereof, by which the average wholesale purchased power cost per kilowatt hour sold for the preceding month exceeds or is less than 58.0 mills (0.058).

The level of this adjustment for billing purposes may be established at the option of management from historical and/or projected trends. The total billed adjustment for each fiscal year shall as nearly as possible equal the actual cost of power sold adjustment for the same fiscal year computed from actual operating data. Any over or under collection of wholesale power cost adjustment for a fiscal year shall be returned or recovered in the subsequent fiscal year's wholesale power cost adjustments.

Issued by: William E. Laughlin
General Manager

Effective: January 1, 1991

KW
AVG.
=

TOT
KWH

KN Avg.

Billed
Demand

NET
BILL

BILLING DATE	METER DATES	DYS	MAX DEMAND	DEMAND BILLING (@\$7.00)	KWH	ENERGY BILLING (@\$.0545)	POWER COST ADJ.	METERED DEMAND	BILLED DEMAND	POWER FACTOR	TOT KWH	KN Avg.	NET BILL
							PER KWH	\$					
02/15/90	12/15/89-01/15/90	31	4,694	\$32,856	2,196,000	\$119,682	0.0020	\$4,392	4,428	0.84	2,952	63%	\$158,837
03/15/90	01/15/90-02/15/90	31	4,860	\$34,020	2,379,600	\$129,688	0.0015	\$3,569	4,500	0.82	3,198	66%	\$171,670
04/14/90	02/15/90-03/15/90	28	4,899	\$34,292	2,001,600	\$109,087	0.0015	\$3,002	4,536	0.82	2,979	61%	\$150,524
05/15/90	03/15/90-04/16/90	32	5,016	\$35,109	2,203,200	\$120,074	0.0020	\$4,406	4,644	0.82	2,869	57%	\$161,652
06/15/90	04/16/90-05/15/90	29	4,899	\$34,292	2,001,600	\$109,087	0.0025	\$5,004	4,536	0.82	2,876	59%	\$148,383
07/14/90	05/15/90-06/15/90	31	4,821	\$33,748	2,109,600	\$114,973	0.0028	\$5,907	4,464	0.82	2,835	59%	\$153,848
08/16/90	06/15/90-07/16/90	31	4,738	\$32,166	1,947,600	\$106,144	0.0033	\$6,427	4,428	0.83	2,618	55%	\$143,172
09/15/90	07/16/90-08/15/90	30	4,860	\$34,020	2,034,000	\$110,853	0.0038	\$7,729	4,500	0.82	2,825	58%	\$147,752
10/15/90	08/15/90-09/14/90	30	4,782	\$33,476	1,998,000	\$108,891	0.0028	\$5,594	4,428	0.82	2,775	58%	\$147,353
11/15/90	09/14/90-10/18/90	34	4,860	\$34,020	2,293,200	\$124,979	0.0035	\$8,026	4,500	0.82	2,810	58%	\$162,619
12/15/90	10/18/90-11/15/90	28	5,029	\$35,204	1,767,600	\$96,334	0.0036	\$6,363	4,572	0.80	2,630	52%	\$134,886
01/15/91	11/15/90-12/14/90	29	5,062	\$35,434	1,886,400	\$102,809	0.0023	\$4,339	4,644	0.81	2,710	54%	\$146,282
02/15/91	12/14/90-01/15/91	32	5,219	\$36,532	2,070,000	\$112,815	0.0027	\$5,589	4,788	0.81	2,695	52%	\$157,024
03/15/91	01/15/91-02/18/91	34	5,016	\$35,109	1,843,200	\$100,454	0.0014	\$2,580	4,644	0.82	2,259	45%	\$145,278
04/15/91	02/18/91-03/15/91	25	4,977	\$34,836	1,648,800	\$89,860	0.0016	\$2,638	4,608	0.82	2,748	55%	\$133,370
05/15/91	03/15/91-04/15/91	31	3,672	\$25,704	1,735,200	\$94,568	0.0026	\$4,512	3,672	0.90	2,332	64%	\$126,506
06/15/91	04/15/91-05/15/91	30	3,205	\$22,438	1,576,800	\$85,936	0.0036	\$5,676	3,024	0.84	2,190	68%	\$112,267
07/15/91	05/15/91-06/14/91	30	3,159	\$22,110	1,425,600	\$77,695	0.0038	\$5,417	2,952	0.83	1,980	63%	\$103,495
08/15/91	06/14/91-07/15/91	31	3,149	\$22,045	1,598,400	\$87,113	0.0034	\$5,435	2,916	0.82	2,148	68%	\$133,698
09/14/91	07/15/91-08/15/91	31	3,313	\$23,189	1,533,600	\$83,581	0.0035	\$5,368	3,096	0.83	2,061	62%	\$111,162
10/15/91	08/15/91-09/16/91	32	3,197	\$22,380	1,591,200	\$86,720	0.0030	\$4,774	2,988	0.83	2,072	65%	\$114,358
11/15/91	09/16/91-10/15/91	29	3,084	\$21,591	1,501,200	\$81,815	0.0033	\$4,954	3,024	0.88	2,157	70%	\$107,937
12/14/91	10/15/91-11/15/91	31	3,159	\$22,110	1,386,000	\$75,537	0.0030	\$4,158	2,952	0.83	1,863	59%	\$102,512
01/15/92	11/15/91-12/16/91	31	3,091	\$21,637	1,515,600	\$82,600	0.0020	\$3,031	2,916	0.84	2,037	66%	\$110,946
02/15/92	12/16/91-01/15/92	30	3,082	\$21,571	1,357,200	\$73,967	0.0020	\$2,714	2,880	0.83	1,885	61%	\$101,785
03/14/92	01/15/92-02/14/92	30	3,061	\$21,425	1,515,600	\$82,600	0.0020	\$3,031	2,808	0.81	2,105	69%	\$110,715
04/15/92	02/14/92-03/16/92	31	3,366	\$23,562	1,602,000	\$87,309	0.0020	\$3,204	3,060	0.80	2,153	64%	\$118,009
05/15/92	03/16/92-04/16/92	31	3,387	\$23,708	1,609,200	\$87,701	0.0020	\$3,218	3,024	0.76	2,163	64%	\$118,582

Notes:

- 1) Ply Boiler down 2 weeks for retubing.
- 2) Boiler down 1 week due to fire.
- 3) Imas

Examples:

2196000
----- = 2952 KW
31 x 24

2952
----- = 63 %
4694

1123R3\ELECT.WK3

LLING TE	METER DATES	DYS	MAX DEMAND	DEMAND BILLING (@7.00)	KWH	ENERGY BILLING (@.0545)	POWER COST ADJ.	METERED DEMAND	BILLED DEMAND	POWER FACTOR	KW AVG. = TOT KWH ÷ dysx24	KW Avg. ÷ Billed Demand	NET BILL	
														PER KWH
1/15/90	12/15/89-01/15/90	31	4,694	\$32,856	2,196,000	\$119,682	0.0020	\$4,392	4,428	4694	0.84	2,952	\$631.11	\$158,837
1/15/90	01/15/90-02/15/90	31	4,860	\$34,020	2,379,600	\$129,688	0.0015	\$3,569	4,500	4860	0.82	3,198	66%	\$171,670
1/14/90	02/15/90-03/15/90	28	4,899	\$34,292	2,001,600	\$109,087	0.0015	\$3,002	4,536	4899	0.82	2,979	61%	\$150,524
1/15/90	03/15/90-04/16/90	32	5,016	\$35,109	2,203,200	\$120,074	0.0020	\$4,406	4,644	5016	0.82	2,869	57%	\$161,652
1/15/90	04/16/90-05/15/90	29	4,899	\$34,292	2,001,600	\$109,087	0.0025	\$5,004	4,536	4899	0.82	2,876	59%	\$148,383
1/14/90	05/15/90-06/15/90	31	4,821	\$33,748	2,109,600	\$114,973	0.0028	\$5,907	4,464	4821	0.82	2,835	59%	\$153,848
1/16/90	06/15/90-07/16/90	31	4,738	\$32,166	1,947,600	\$106,144	0.0033	\$6,427	4,428	4738	0.83	2,618	55%	\$143,172
1/15/90	07/16/90-08/15/90	30	4,860	\$34,020	2,034,000	\$110,853	0.0038	\$7,729	4,500	4860	0.82	2,825	58%	\$147,752
1/15/90	08/15/90-09/14/90	30	4,782	\$33,476	1,998,000	\$108,891	0.0028	\$5,594	4,428	4782	0.82	2,775	58%	\$147,353
1/15/90	09/14/90-10/18/90	34	4,860	\$34,020	2,293,200	\$124,979	0.0035	\$8,026	4,500	4860	0.82	2,810	58%	\$162,619
1/15/90	10/18/90-11/15/90	28	5,029	\$35,204	1,767,600	\$96,334	0.0036	\$6,363	4,572	5029	0.80	2,630	52%	\$134,886
1/15/91	11/15/90-12/14/90	29	5,062	\$35,434	1,886,400	\$102,809	0.0023	\$4,339	4,644	5062	0.81	2,710	54%	\$146,282
1/15/91	12/14/90-01/15/91	32	5,219	\$36,532	2,070,000	\$112,815	0.0027	\$5,589	4,700	5219	0.81	2,695	52%	\$157,024
1/15/91	01/15/91-02/18/91	1134	5,016	\$35,109	1,843,200	\$100,454	0.0014	\$2,580		5016	0.82	2,259	45%	\$145,278
1/15/91	02/18/91-03/15/91	25	4,977	\$34,836	1,648,800	\$89,860	0.0016			4977	0.82	2,748	55%	\$133,370
1/15/91	03/15/91-04/15/91	31	3,672	\$25,704	1,735,200	\$94,568				3672	0.90	2,332	64%	\$126,506
1/15/91	04/15/91-05/15/91	30	3,205	\$22,439	1,576,800	\$85,936				3205	0.84	2,190	68%	\$112,267
1/15/91	05/15/91-06/14/91	30	3,159	\$22,110	1,425,600	\$77,695				3159	0.83	1,980	63%	\$103,495
1/15/91	06/14/91-07/15/91	31	3,149	\$22,045	1,598,400	\$87,113				3149	0.82	2,148	68%	\$133,698
1/14/91	07/15/91-08/15/91	31	3,313	\$23,189	1,533,600	\$83,581				3313	0.83	2,061	62%	\$111,162
1/15/91	08/15/91-09/16/91	32	3,197	\$22,380	1,591,200	\$86,720	0.			3197	0.83	2,072	65%	\$114,358
1/15/91	09/16/91-10/15/91	29	3,084	\$21,591	1,501,200	\$81,815	0.6			3084	0.88	2,157	70%	\$107,937
1/14/91	10/15/91-11/15/91	2131	3,159	\$22,110	1,386,000	\$75,537	0.00			3159	0.83	1,863	59%	\$102,512
1/15/92	11/15/91-12/16/91	31	3,091	\$21,637	1,515,600	\$82,600	0.002	\$.051	2,952	3159	0.84	2,037	66%	\$110,946
1/15/92	12/16/91-01/15/92	3130	3,982	\$21,571	1,357,200	\$73,967	0.0020	\$2,714	2,880	3091	0.83	1,885	61%	\$101,785
1/14/92	01/15/92-02/14/92	30	3,061	\$21,425	1,515,600	\$82,600	0.0020	\$3,031	2,808	3061	0.81	2,105	69%	\$110,715
1/15/92	02/14/92-03/16/92	31	3,366	\$23,562	1,602,000	\$87,309	0.0020	\$3,204	3,060	3366	0.80	2,153	64%	\$118,009
1/15/92	03/16/92-04/16/92	31	3,387	\$23,708	1,609,200	\$87,701	0.0020	\$3,218	3,024	3387	0.78	2,163	64%	\$118,582

M. Meeter's
initial calculations
corrected on
the next
page

39253 15,004,200

\$1,145,466

ps: 53.7% L.F FPC 48

Ply Boiler down 2 weeks for retubing.

Boiler down 1 week due to fire.

Mass
F.P. PS
* 11.06
G3LV
1.55h
FPC - 79.30 CC
2,084,700.00 Dr. (.0545)
\$115,200.00 CC (1.1054)
3,714,301.31
1.034209
327,173.10
112,747.75 FPC - (2.049)
3945312 (1.0236)
738,431 7.94

Examples:

2196000 7.64
----- = 2952 KW
31 x 24
2952
----- = 63 %
4694

Talquin
81.50
14.12
85.19

Florida Power rate:

Customer Charge - \$79.30 X 12	\$ 951.60
Demand Charge - 38,253 Kw @ \$5.45	208,478.85
Non-fuel Charge - 18,212,400 KWH @ \$.01105	<u>201,247.02</u>
Sub-total	\$ 410,677.47
Interim Increase @ 3.42% of sub-total	14,045.17
Fuel Charge - 18,212,400 KWH @ \$.02079	378,635.80
Cons. Recovery Chg - 18,212,400 KWH @ \$.00263	47,898.61
Added Power Factor per FPC rate	<u>435.40</u>
Total	\$ 851,692.45

Cost per KWH = 4.68¢

Data & Calculations
from PSC
checked by TEC

(With power factor corrected

\$ 851,257.05

Cost per KWH = 4.67¢

COASTAL LUMBER COMPANY

Billing History

(Actual) ✓

Month	Billing Demand (KW)	Energy (KWH)	Net Bill Without Tax	Cents/KWH
Jun, 91	3,205	1,576,800	\$102,997	6.53
Jul, 91	3,159	1,425,600	\$94,688	6.64
Aug, 91	3,149	1,598,400	\$104,023	6.51
Sep, 91	3,313	1,533,600	\$101,703	6.63
Oct, 91	3,197	1,591,200	\$104,627	6.58
Nov, 91	3,084	1,501,200	\$98,753	6.58
Dec, 91	3,159	1,386,000	\$93,789	6.77
Jan, 91	3,091	1,515,600	\$101,506	6.70
Feb, 91	3,082	1,357,200	\$93,124	6.86
Mar, 91	3,061	1,515,600	\$101,294	6.68
Apr, 92	3,366	1,602,000	\$107,967	6.74
May, 92	3,387	1,609,200	\$108,491	6.74
	38,253	18,212,400	\$1,212,962	6.66

*Data & Calculations
from TEC*

COASTAL LUMBER COMPANY

Billing History

(With Power Factor Corrected to 90%)

Month	Billing Demand (KW)	Energy (KWH)	Net Bill Without Tax	Cents/KWH
Jun, 91	3,024	1,576,800	\$101,727	6.45
Jul, 91	2,952	1,425,600	\$93,242	6.54
Aug, 91	2,916	1,598,400	\$102,390	6.41
Sep, 91	3,096	1,533,600	\$100,186	6.53
Oct, 91	2,988	1,591,200	\$103,163	6.48
Nov, 91	3,024	1,501,200	\$98,329	6.55
Dec, 91	2,952	1,386,000	\$92,343	6.66
Jan, 91	2,916	1,515,600	\$100,281	6.62
Feb, 91	2,880	1,357,200	\$91,713	6.76
Mar, 91	2,808	1,515,600	\$99,525	6.57
Apr, 92	3,060	1,602,000	\$105,825	6.61
May, 92	3,024	1,609,200	\$105,951	6.58
	35,640	18,212,400	\$1,194,675	6.56

*Data & Calculations
from TEC*