AUSLEY & MCMULLEN

ORIGINAL

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

September 24, 2002

HAND DELIVERED

SEP 24 PH 12: 07

Ms. Blanca S. Bayo, Director Division of Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re:

Application of Cargill Fertilizer, Inc. to engage in self-service wheeling of waste heat cogenerated power to, from and between points within Tampa Electric Company's Service Territory; FPSC Docket No. 020898-EQ

AMENDED REQUEST FOR CONFIDENTIAL CLASSIFICATION

Dear Ms. Bayo:

On September 11, 2002, and at Staff's request, Tampa Electric refiled pursuant to a Request for Confidential Treatment seven quarterly reports pertaining to the experimental self-service wheeling program approved by the Commission in Docket No. 001048-EQ. This experimental self-service wheeling program was conducted at the request of Tampa Electric's customer, Cargill Fertilizer, Inc.

Subsequent to the September 11, 2002 filing, counsel for Cargill submitted a letter to your office dated September 16, 2002 in which Cargill waived confidentiality with respect to the quarterly reports to the extent we had sought confidential treatment to protect Cargill's business information. Staff subsequently suggested that Tampa Electric submit a withdrawal of its Request for Confidential Treatment of the quarterly reports.

In view of the September 16 letter submitted on behalf of Cargill, Tampa Electric has no difficulty withdrawing its request for confidential treatment of the quarterly reports as that request pertains to information the disclosure of which would be sensitive from Cargill's perspective. However, there remains one line of information in each of the reports that is sensitive from the standpoint of Tampa Electric's ability to compete in the wholesale power market, the disclosure of which would be harmful to Tampa Electric and its general body of customers. That information is the "Avoided Incremental Fuel and Purchased Power Expense" for each month and each quarter as reflected in the second component under item (7) of each quarterly report entitled "Fuel and Purchased Power Cost Recovery." Attached hereto as Exhibit "A" is a written justification explaining how public disclosure of the "Avoided Incremental Fuel and Purchased Power Expense" would harm Tampa Electric and its general body of customers.

ECEIVED & FILED

10222 SEP 248

SC-BUREAU OF RECORDS

Ms. Blanca S. Bayo September 24, 2002 Page Two

In order to protect the confidentiality of values reflected in the line item "Avoided Incremental Fuel and Purchased Power Expense," the following additional information needs to be treated confidentially in order to prevent Tampa Electric's competitors from arithmetically "backing into" the "Avoided Incremental Fuel and Purchased Power Expense" using the following information:

• Under Item (7) in each report the values shown for "Lost Retail Tariff Timeof-Use Fuel Revenues" and "Net Impact to Fuel Recovery Clause"

While these two categories of values are not proprietary <u>per se</u>, they need to be treated confidentially in order to prevent disclosing the values shown for "Avoided Incremental Fuel and Purchased Power Expense."

In order to make public the information with respect to which Cargill has waived confidentiality, but at the same time preserve the confidentiality of the information that is the subject of this amended request, Tampa Electric encloses as Exhibit "B" two public versions of each of the quarterly reports in question. The only information redacted from the enclosed public versions of these reports is the information that is the subject of this amended request.

On behalf of Tampa Electric, we request that the confidential versions of the seven quarterly reports previously filed as confidential proprietary business information pursuant to Section 366.093, Florida Statutes, and Rule 25-22.006, Florida Administrative Code, continue to be treated as confidential in order to protect the information that is the subject of this request.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

ames D. Beasley

JDB/pp Attachments

cc: Angela Llewellyn (w/attachments)

Michael Haff (w/attachments) Vicki Kaufman (w/attachments)

Justification for Confidential Treatment of Values Shown for "Net Impact to Fuel Recovery Clause" Under Item (7) in Each Quarterly Report

Tampa Electric actively participates is the wholesale power market. In that market Tampa Electric has many competitors in this market. Any entity competing against Tampa Electric which will make wholesale sales to third parties would derive a significant competitive advantage by knowing information reflecting on the probable price or price range Tampa Electric is willing to charge for a particular sale. Disclosing the company's avoided incremental fuel and purchased power expense would disclose to Tampa Electric's wholesale competitors valuable information regarding the cost Tampa Electric could be expected to incur in making a particular sale. Armed with this cost information, Tampa Electric's competitors can more accurately project the price at which Tampa Electric would offer to sell wholesale power. This would enable competitors to structure their own offers to undercut Tampa Electric's price and thereby secure a sale at the expense of Tampa Electric and its general body of ratepayers who benefit from such sales. In addition, disclosing Tampa Electric's avoided incremental fuel and purchased power expense would arm potential purchasers of Tampa Electric's wholesale power with valuable cost information and enable them to offer to buy power from Tampa Electric at slightly above the company's incremental fuel and purchased power cost. This would reduce the gains Tampa Electric might otherwise obtain from wholesale power sale to the ultimate detriment of Tampa Electric and its general body of ratepayers. As such, the avoided incremental fuel and purchased power expense is "information relating to competitive interests, the disclosure of which would impair the competitive business of the provider of the information" and, thus, entitled to confidential treatment pursuant to Section 366.093(3)(e), Florida Statutes.

Justification for Confidential Treatment of the Values Shown for "Lost Retail Tariff Time-of-Use Fuel Revenues" and "Net Impact Fuel Recovery Clause" Under Item (7) in Each Report

The values in question are not proprietary <u>per se</u>, but can be used to arithmetically derive the highly proprietary values shown under Item (7) of each quarterly report in the line entitled "Avoided Incremental Fuel and Purchased Power Expense." As a consequence, these values need to be treated confidentially as well in order to protect against inadvertent disclosure of the "Avoided Incremental Fuel and Purchased Power Expense." This has been approved by the Commission on numerous occasions in the fuel adjustment proceeding to protect against the inadvertent disclosure of proprietary confidential business information.

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560
February 16, 2001

HAND DELIVERED

RECEIVED-HYSO

DIFEBIG PM 2:57

RECOLLOS AND

Ms. Blanca S. Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp Enclosures

CONFIDENTAL

WELL RECORDS

DOCUMENT NI MEER-DATE

02213 FEB 16 =

FPSC-RECORDS/FEPORTING

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

CONFIDENTAL

DOCUMENT NUMBER-DATE
02213 FEB 16 =

Impact of Cargill Self-Service Wheeling (SSW) Pilot - Quarter IV 2000

(1)	Actual Energy Reduction from S	SSW - MWH	c	ctober	No	ovember	D	ece mber	Qt	r. IV 2000
(1)	Cargill New Millpoint Plant (SBI-3 Cargill Ridgewood Master Plant (S Cargill Hooker's Prairie Plant (IST	SBI-1)		366 327 237		739 149 70		504 300 44		1,609 776 351
	Total Cargill SSW			930		958		848		2,736
(2)	Actual SSW Under-delivered - N Basis for Generator-to-Schedule			171		203		88		462
(3)	Revenue Gains/Losses (+/-) Base Energy		\$	(9,551)	\$	(10,453)	\$	(10,264)	\$	(30,268)
(4)	Environmental Cost Recovery Ch	arges (\$1.38/MWH)	\$	(1,283)	\$	(1,322)	\$	(1,170)	\$	(3,776)
(5)	Conservation Cost Recovery Cha	rges (\$0.18/MWH)	\$	(167)	\$	(172)	\$	(153)	\$	(492)
(6)	Capacity Cost Recovery Charges	(\$0.15/MWH)	\$	(140)	\$	(144)	\$	(127)	\$	(410)
(7)	Fuel & Purchased Power Cost Re Lost Retail Tariff Time-Of -Use Fu Avoided Incremental Fuel and Pu Net Impact to Fuel Recovery Clau	uel Revenues rchased Power Expense	\$ <u>\$</u>							·
(8)	Transmission Wheeling: Schedule 8 - Non-Firm Point-to-P Schedule 2 - Reactive Supply (\$0 Schedule 1 - Scheduling (\$0.13/6 Total Transmission Wheeling	·	\$ \$ \$	1,178 93 121 1,392	\$ \$ \$ \$ \$	1,214 96 <u>125</u> 1,434	\$ \$ \$ \$ \$	1,074 85 <u>110</u> 1,269	\$ \$ \$	3,467 274 <u>356</u> 4,096
· (9)	Net GSI Service Charges		\$	518	\$	485	\$	234	\$	1,237
	Opportunity Sales		\$	546	\$	10	\$	3,759		4,315
(11) Refund (-\$2.26/MWh)		\$	2,102	\$	2,165	\$	1,916	\$	6,183
	Net Impact		\$	(5,130)	\$	(8,229)	\$	(3,265)	\$	(16,623)
	Tampa Electric Monthly Peak:	Date Hour MW		10/4/00 18 2,935		11/22/00 8 2,618		12/21/00 8 3,326		

Notes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates. In Quarter IV 2000, October 31st and November 30th were billed on the November and December bills, respectively.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Prairie; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.
- (11) These re-allocated amounts are calculated by multiplying the actual load reduction energy by the IS rate for the \$13 million refund that was approved on August 1, 2000 (Order PSC-00-1441-AS-EI).

Impact of Self-Service Wheeling on Cargill's Electric Bills

		Before SSW			After SSW			Impaci	of SSW	
New Millpoint (SBI-3)	OCT	NOV	DEC	ост	NOV	DEC	ОСТ	NOV	DEC	Quarter IV
Actual Billing Determinants: (2)										
Supplemental Demand (kW)	516	2,282	5,997	516	2,282	5,997	-	-	-	-
Standby Billing Demand (kW)	34,908	34,908	34,908	34,908	34,908	34,908	i -	-	-	-
Actual Standby Billing kW	137,492	174,284	148,191	137,492	174,284	148,191	-	-	-	
Supplemental On-Peak Energy (kWh)	30,018	152,460	532,909	16,018	90,460	391,909	14,000	62,000	141,000	217,000
Supplemental Off-Peak Energy (kWh)	53,433	352,552	1,989,636	40,433	137,552	1,650,636	13,000	215,000	339,000	567,000
Standby On-Peak Energy (kWh)	665,276	827,675	680,178	449,276	573,675	680,178	216,000	254,000	-	470,000
Standby Off-Peak Energy (kWh)	1,077,656	1,670,655	2,914,527	1,015,656	1,401,655	2,890,527	62,000	269,000	24,000	355,000
Power Factor %	94 42	95 20	93.19	94.42	95.2	93.19	-	-	-	-
Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,025	1,025	1,025	1,025	1,025	1,025	-	-	-	-
Supplemental Demand (\$/kW-mo)	1.45	1.45	1.45	1 45	1.45	1.45	-	-	-	-
Stand-by Demand (\$/kW-mo)	0.95	0 95	0.95	0.95	0.95	0.95	-	-	-	-
Bulk Transmission Reservation (\$/kW-mo)	0.09	0.09	0.09	0.09	0.09	0.09	_	-	-	-
Bulk Transmission Demand (\$/kW-day)	0.03	0.03	0.03	0.03	0.03	0.03	-	-	-	-
Supplemental Energy (¢/kWh)	1,327	1.327	1 327	1.327	1.327	1,327	-	-	-	-
Standby Energy (¢/kWh)	0.961	0.961	0.961	0.961	0,961	0.961	-	-	-	-
Metering Level Discount (% of D&E charges)	1	1	1	1	1	1	l -		-	-
Transformer Ownership Disc. Supp. (\$/kW-mo)	0.23	0.23	0.23	0.23	0.23	0.23			-	-
Transformer Ownership Disc. Stndby. (\$/kW-mo)	0.21	0.21	0.21	0.21	0.21	0.21	-	_	-	-
On-Peak Fuel Charge (¢/kWh)	3.275	3 275	3.275	3.275	3 275	3.275	l -		-	-
Off-Peak Fuel Charge (¢/kWh)	2.03	2.03	2.03	2.03	2.03	2.03	_	-	_	-
Energy Conservation Charge (¢/kWh)	0.018	0.018	0.018	0.018	0.018	0.018	_	-	-	-
Capacity Charge (¢/kWh)	0.015	0.015	0.015	0.015	0.015	0.015		_	-	-
Environmental Cost Recovery Charge (¢/kWh)	0.138	0.138	0.138	0.138	0.138	0.138	_	_	_	_
Refund (¢/kWh)	(0.226)	(0.226)	(0.226)	(0.226)	(0.226)		_	_	} -	-
Florida Gross Reciepts Tax (%)	2.5641	2.5641	2.5641	2.5641	2.5641	2.5641	-	-	-	-
Actual Charges : (3)										
Customer Facilities Charge	\$ 1,025.00	\$ 1,025.00	\$ 1,025 00	\$ 1,025.00	\$ 1,025.00	\$ 1,025.00	\$ -	\$ -	\$ -	\$ -
Supplemental Demand	\$ 748 20	\$ 3,308 90	\$ 8,695.65	\$ 748.20	\$ 3,308.90	\$ 8,695.65	\$ -	\$ -	\$ -	\$ -
Stand-by Demand	\$ 33,162.60	\$ 33,162.60	\$ 33,162.60	\$ 33,162 60	\$ 33,162 60	\$ 33,162.60	\$ -	\$ -	\$ -	\$ -
The greater of: Bulk Transmission Reservation, or	\$ 3,141.72	\$ 3,141.72	\$ 3,141.72	\$ 3,141.72	\$ 3,141.72	\$ 3,141.72	\$ -	-	\$ -	\$ -
Bulk Transmission Demand	\$ 4,124.76	\$ 5,228 52	\$ 4,445.73	\$ 4,124.76	\$ 5,228.52	\$ 4,445.73	\$ -	\$ -	\$ -	\$ -
Supplemental Energy	\$ 1,107.39	\$ 6,701.51	\$ 33,474.17	\$ 749.10	\$ 3,025.72	\$ 27,104 57	\$ 358.29	\$ 3,675.79	\$ 6,369.60	\$ 10,403.68
Slandby Energy	\$ 16,749.58	\$ 24,008.95	\$ 34,545.12	\$ 14,078.00	\$ 18,982.92	\$ 34,314.48	\$ 2,671.58	\$ 5,026.03	\$ 230.64	\$ 7,928.25
On-Peak Fuel	\$ 22,770.88	\$ 32,099.42	\$ 39,728.60	\$ 15,238.38	\$ 21,750.42	\$ 35,110.85	\$ 7,532.50	\$ 10,349.00	\$ 4,617.75	\$ 22,499.25
Off-Peak Fuel	\$ 22,961.11	\$ 41,071.10			\$ 31,245.90	\$ 92,185.61	\$ 1,522 50	\$ 9,825.20	\$ 7,368.90	\$ 18,716.60
Energy Conservation Charge	\$ 328.75	\$ 540.60	\$ 1,101.11	\$ 273.85	\$ 396.60	\$ 1,010.39	\$ 54.90	\$ 144.00	\$ 90.72	\$ 289.62
Capacity Charge	\$ 273.96	\$ 450.50	\$ 917.59	\$ 228.21	\$ 330.50	\$ 841.99	\$ 45.75	\$ 120.00	\$ 75.60	\$ 241.35
Environmental Cost Recovery Charge	\$ 2,520 41	\$ 4,144.61	\$ 8,441.81	\$ 2,099.51	\$ 3,040.61	\$ 7,746 29	\$ 420 90	\$ 1,104.00	\$ 695.52	\$ 2,220.42
Transformer Discount	\$ (7,449.36)	\$ (7,855.54)			\$ (7,855.54)	\$ (8,709.99)	\$ -	\$ -	\$ -	\$ -
Meter Level Discount	\$ (558.93)	\$ (724.10)	\$ (1,143.23)	\$ (528.63)	\$ (637.09)	\$ (1,077.23)				
Power Factor Adjustment +/- (4)	\$ (247.45)	\$ (488.92)	\$ (581.76)	\$ (206.12)	\$ (358.68)	\$ (533.82)	\$ (41.33)	\$ (130.24)	\$ (47.94)	\$ (219.51)
Refund						\$(12,685.95)		\$ (1,808.00)		
Florida Gross Receipts Tax	\$ 2,394.6	\$ 3,484.2	\$ 6,175.2	\$ 2,090.9	\$ 2,760.7	\$ 5,708.6	\$ 303.73	\$ 723.56	\$ 466.56	\$ 1,493.84
Total Electric Charges	95,783.86	142,511.56	250,148.80	86,776.36	113,569.24	231,486.49	\$ 9,007.50		\$ 18,662.30	\$ 56,612.13
Percent of Total Bill							9.4%	20.3%	7 5%	11.6%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Master Plant

Billing Components for Quarter IV 2000 Before and After Self-Service Wheeling⁽¹⁾

		Before SSW			After SSW		T	Impac	t of SSW	
Ridgewood Master (SBI-1)	ОСТ	NOV	DEC	ОСТ	NOV	DEC	ОСТ	NOV	DEC	Quarter IV
Actual Billing Determinants: (2)	ļ					1		}]
Supplemental Demand (kW)	8,132	17,530	21,993	8,132	17,530	21,993	-	-	-	-
Standby Billing Demand (kW)	52,000	52,000	52,000	52,000	52,000	52,000	-	-	-	-
Actual Standby Billing kW	21,488	81,911	215,482	21,488	81,911	215,482	-	-	-	-
Supplemental On-Peak Energy (kWh)	150,984	795,052	1,588,974	150,984	755,052	1,573,974	-	40,000	15,000	55,000
Supplemental Off-Peak Energy (kWh)	1,882,446	2,486,439	6,668,814	1,698,446	2,378,439	6,421,814	184,000	108,000	247,000	539,000
Standby On-Peak Energy (kWh)	38,054	170,152	903,709	38,054	170,152	903,709		-	-	-
Standby Off-Peak Energy (kWh)	1,213,526	1	3,341,117	1,070,526	334,048	3,303,117	143,000	1,000	38,000	182,000
Power Factor %	91 65	83.88	86 62	91.65	83.88	86 62	_	-	-	
Wei i acioi 70							ļ			ŀ
Applicable Tariff Rate/Charge:]		ĺ						}	
Customer Facilities (\$/bill)	1,025	1,025	1,025	1,025	1,025	1,025	-	-	-	
Supplemental Demand (\$/kW-mo)	1,45	1.45	1 45	1.45	1.45	1.45	-	-	-	-
Stand-by Demand (\$/kW-mo)	0 95	0 95	0.95	0 95	0.95	0.95	-	-	-	-
Bulk Transmission Reservation (\$/kW-mo)	0.09	0.09	0 09	0 09	0.09	0 09	-	-	-	-
Bulk Transmission Demand (\$/kW-day)	0 03	0 03	0 03	0 03	0.03	0 03		-	-	-
Supplemental Energy (¢/kWh)	1.078	1.078	1,078	1,078	1.078	1.078		-	-	-
Standby Energy (¢/kWh)	0 961	0 961	0.961	0.961	0 961	0.961	_	-	-	
Metering Level Discount (% of D&E charges)	1	1	1	1	1	1		-	-	_
Transformer Ownership Disc. Supp (\$/kW-mo)	0 23	0 23	0 23	0.23	0 23	0 23			_	
Transformer Ownership Disc. Stndby (\$/kW-mo)	0.21	0 21	0 21	0.21	0.21	0 21	_		_	_
On-Peak Fuel Charge (¢/kWh)	3 275	3 275	3 275	3 275	3 275	3 275	_	_	_	_
Off-Peak Fuel Charge (¢/kWh)	2 03	2.03	2.03	2 03	2.03	2 03	_	_	_	_
•	0 018	0 018	0 018	0 018	0.018	0 018		_	_	
Energy Conservation Charge (¢/kWh)	0 015	0.015	0.015	0 015	0.015		_	_		
Capacity Charge (¢/kWh)	0 138	0.013	0.015	0 138	0.013	0.013] -	_	_	1
Environmental Cost Recovery Charge (¢/kWh)	ı	I	1		(0.226)	,	_	i -	_	1
Refund (¢/kWh)	(0 226)	, ,	, ,	, ,	1 ' '	' '	-	-	1	1
Florida Gross Reciepts Tax (%)	2 5641	2.5641	2 5641	2.5641	2.5641	2.5641	-	-	_	_
Actual Charges : (3)		}						ļ		
Customer Facilities Charge	\$ 1,025 00	\$ 1,025 00	\$ 1,025 00	\$ 1,025 00	\$ 1,025 00	\$ 1,025 00	\$ -	s -	\$ -	ls -
Supplemental Demand	\$ 11,791.40	\$ 25,418 50	\$ 31,889 85	\$ 11,791 40	\$ 25,418 50	\$ 31,889 85	l š -	\$ -	\$ -	\$ -
Stand-by Demand	\$ 49,400 00		\$ 49,400.00	\$ 49,400 00	\$ 49,400 00	\$ 49,400 00	š -	\$ -	\$ -	\$ -
The greater of: Bulk Transmission Reservation, or	\$ 4,680.00	\$ 4,680.00	\$ 4,680.00		\$ 4,680 00	\$ 4,680 00	s -	š -	\$ -	\$ -
Bulk Transmission Demand	\$ 644.64	\$ 2,457.33	\$ 6,464.46		\$ 2,457 33		,	*	Ψ -	Ψ -
Supplemental Energy	\$ 21,920 38		\$ 89,018.95		\$ 33,779 03		\$ 1,983.52	\$ 1,595 44	\$ 2,824.36	\$ 6,403.32
	\$ 12,027,68	\$ 4.854.97	\$ 40,792.78	\$ 19,950.00	\$ 4,845.36	1	\$ 1,374 23	\$ 9.61	\$ 365 18	\$ 1,749 02
Standby Energy On-Peak Fuel	\$ 6,190.99		\$ 81,635.37	\$ 6,190.99	\$ 30,300.43	1	\$ 1,51425	\$ 1,310 00	\$ 491 25	\$ 1,801.25
		\$ 57,276 19	\$ 203,201.60	\$ 56,210.13	\$ 55,063 49		\$ 6,638.10	\$ 2,212.70	\$ 5.785.50	\$ 14.636.30
Off-Peak Fuel	\$ 591.30	\$ 681.60						1		
Energy Conservation Charge			\$ 2,250.47	\$ 532.44		_, _,	\$ 58.86		\$ 54.00	\$ 139.68
Capacity Charge	\$ 492.75	\$ 568 00	\$ 1,875 39	\$ 443.70	\$ 545 65	, , , , , , , , , , , , , , , , , , , ,	\$ 49.05	\$ 22.35	\$ 45.00	\$ 116 40
Environmental Cost Recovery Charge	\$ 4,533 31		\$ 17,253 61		\$ 5,020 01	1 ' '	\$ 451.26	\$ 205 62	\$ 414 00	\$ 1,070 88
Transformer Discount		\$ (14,951 90)				\$ (15,978 39)	\$ -	\$ -	\$ -	\$ -
Meter Level Discount		\$ (1,197.28)	, ,			\$ (2,143.77)	\$ (33.58)	\$ (16.05)) \$ (31,90)	\$ (81,52)
Power Factor Adjustment +/- (4)	\$ (157.16)		\$ -	\$ (141.51)		\$ -	\$ (15 64)	\$ 8.74	\$ -	\$ (6.90)
Refund	\$ (7,424 12)		\$ (28,255.91)			\$ (27,577 91)	\$ (739.02)	\$ (336.74)	\$ (678 00)	\$ (1,753.76)
Florida Gross Receipts Tax	\$ 3,952.1	\$ 4,913.6	\$ 12,266 6	\$ 3,7016	\$ 4,784.4	\$ 12,028.9	\$ 250 43	\$ 129 19	\$ 237.68	\$ 617.30
Total Electric Charges	\$ 158,083.30	\$ 196,543 38	\$ 490,664.11	\$ 148,066.09	\$ 191,375.70	\$ 481,157.04	\$ 10,017 21	\$ 5,167.68	\$ 9,507.07	\$ 24,691.96
					T. 1745.		6.3%	2 6%	1 9%	2 9%

⁽¹⁾ All billing components are shown, however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for Quarter IV 2000 Before and After Self-Service Wheeling (1)

		Before SSW			After SSW		J	Impac	t of SSW	
Hooker's Prairie (IST-1)	OCT	NOV	DEC	ОСТ	NOV	DEC	OCT	NOV	DEC	Quarter IV
Actual Billing Determinants: (2)	1		}	1			1	1	1	
Demand (kW)	2,709	2,268	1,323	2,709	2,268	1,323	_	_	_	
On-Peak Energy (kWh)	147,956	142,538	143,420		140,538		_	2,000	_	2,000
Off-Peak Energy (kWh)	679,171	451,206	470,169	442,171	383,206		237,000	68,000	44,000	
Power Factor %	76.77	76.73	75.50	76,77	76.73		-	-	-	-
Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,000	1,000	1,000	1,000	1,000	1,000	_	_		
Supplemental Demand (\$/kW-mo)	1.45	1.45	1.45	1.45	1.45	1.45	-	_	-	-
Supplemental Energy (¢/kWh)	1.078	1.078	1.078	1.078	1.078	1.078	-	_	_	_
Metering Level Discount (% of D&E charges)	1	1	1	1	1	1	-	_	-	- 1
Transformer Ownership Discount (\$/kW-mo)	0.23	0.23	0.23	0.23	0.23	0.23	-	-	-	-
On-Peak Fuel Charge (¢/kWh)	3.275	3.275	3.275	3 275	3.275	3.275	-	_	-	-
Off-Peak Fuel Charge (¢/kWh)	2,03	2.03	2.03	2.03	2.03	2.03	-	-	_	-
Energy Conservation Charge (¢/kWh)	0.018	0.018	0.018	0.018	0.018	0.018	-	-	j -	
Capacity Charge (¢/kWh)	0.015	0.015	0.015	0.015	0.015	0.015	-	-	-	-
Environmental Cost Recovery Charge (¢/kWh)	0.138	0.138	0.138	0.138	0.138	0.138	-	_	-	-
Refund (¢/kWh)	(0.226)	(0.226)	(0.226)	(0.226)	(0.226)	(0.226)	-	-	-	-
Florida Gross Reciepts Tax (%)	2.5641	2.5641	2.5641	2.5641	2.5641	2.5641	-	-	-	-
Actual Charges : (3)										
Customer Facilities Charge	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ -	\$ -
Demand	\$ 3,928.05	\$ 3,288.60	\$ 1,918.35	\$ 3,928.05	\$ 3,288.60	\$ 1,918.35	\$ -	\$ -	\$ -	\$ -
Energy	\$ 8,916.43	\$ 6,400.56	\$ 6,614.49	\$ 6,361.57	\$ 5,645.96	\$ 6,140.17	\$ 2,554.86	\$ 754.60	\$ 474.32	\$ 3,783.78
On-Peak Fuel	\$ 4,845.56	\$ 4,668.12	\$ 4,697.01		\$ 4,602.62		\$ -	\$ 65.50	\$ -	\$ 65.50
Off-Peak Fuel	\$ 13,787.17	\$ 9,159.48	\$ 9,544.43	\$ 8,976.07	\$ 7,779.08	\$ 8,651.23	\$ 4,811.10	\$ 1,380.40	\$ 893.20	\$ 7,084.70
Energy Conservation Charge	\$ 148.88	\$ 106.87	\$ 110.45		\$ 94.27	\$ 102.53	\$ 42.66	\$ 12.60	\$ 7.92	\$ 63.18
Capacity Charge	\$ 124.07	\$ 89.06	\$ 92.04		\$ 78.56	\$ 85.44	\$ 35.55		\$ 6.60	\$ 52.65
Environmental Cost Recovery Charge	\$ 1,141.44	\$ 819.37	\$ 846.75		\$ 722.77		\$ 327.06		\$ 60.72	\$ 484.38
Transformer Discount	\$ (623.07)							\$ -	\$ -	\$ -
Meter Level Discount	\$ (128.44)	. , ,	. ,	' '	, ,				\$ (4.74)	\$ (37.84)
Power Factor Adjustment +/- (4)	\$ 355.61	\$ 256.53	\$ 305.28	\$ 253.72	\$ 226.29	\$ 283.39	\$ 101.90	\$ 30.24	\$ 21.89	\$ 154.03
Refund				\$ (1,333.69)			\$ (535.62)		\$ (99.44)	
Florida Gross Receipts Tax	\$ 810.93	\$ 610.98	\$ 598.78	\$ 623,45	\$ 554.96	\$ <u>563.90</u>	\$ <u>187.49</u>	\$ 56,02	\$ 34.88	\$ 278.39
Total Electric Charges	32,437.32	24,439.18	23,951.24	24,937.88	22,198.47	22,555.89	\$ 7,499.44	\$ 2,240.72	\$ 1,395.35	\$ 11,135.51
		101 1 101 1 101					23.1%	9.2%	5.8%	13.8%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Hourly Summary

October 2000 Hour Ending

DATE	1.00	2:00	3:00	4 00	5.00	6.00	7:00	8:00	9:00	10:00	11.00	12.00 .	13:00	14:00	15:00	16:00	. 17:00	18:00	19:00	20:00 g	Z1 <u>:</u> 00;	22:00	23 00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	οГ	0	0	0	0	0	0	0	0
2	0	0	0	0	0	O	0	0	0	ةِ 0		0	0	0	o	0	0	0	0	0	0	0	0	0	1
3		0	0	0	0	0	Ð	0	0	0	0	0					0							0	1
4	0	0	0	0	0	0	0	0	0	0														0	0
5	0	0	0	0	0	0	. 0	0	0	0	0		e p						0	0	0	0	0	0	0
6		144	14.6	. 4	12.42	31	建设	0	0	0	0	0	0							0	0	0	0 1	3	30
7			25			12 14 L	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0 5		23
8		1012		/ar3	3.3	3.3	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0.5		23
9	1.50			13.	1934		2.3.2	0	0	0	0	0	0	0	0	0	0	0	0	\ <u>\</u>	0	0 0 願	U		21 24
10								0 1975 - 200	0 ====================================	0	0	0	0	0	0	0	0	0	0	- ¦⊢	0	0 鑑	0		39
11						0	是是不是	6	計畫6	0	0	0 0	-	0 7 2.				 01	0	°L_	-0	0 🖾			19
12	U Harringan Var	0	0		0		0 Terrerer	0 505550	0	0	0	0	0		5.5 0	0	41を対応		0	0	0	0			31
13 14							4		2555	nistor	U-1795	0	0	0	0	°L	0	0	0	0	υE	455		5	45
15												o	0	0	0	0	ب ر	0	0]	0	0				53
16							mer Miss	4			0	υ	Ů.	0	0	0	0	٦٠	0	0	0	o 🌉	57.5	35.5	51
17						5.5	1		6	5.	0	0	0	0 [* April 2 Est	3 独 12 部	温212 厘	(H12)	1212	12.12	112	0	0	0	132
18			0	1) ()	eemered O		0	0	0	16	a 116 4	1316i	8.1	- 8	8	8	11.8	8	8	7	8	0	0	0	119
19	0	0	0	0	0	0	0	0	0	7 8	9.7	L 6. T	7.		温炉方式	的 分類			7.7	T-1		6	0	0	88
20	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			10
21		335	阿斯斯	15.90	· 第5章	5.5	副24 5		1855 P	12 W 4 12	E	4.4	0	0	0	0	0	0	0	0	0 震	44		1	66
22				274	4		9-115	14	3.3	2	5.23	0	0	0	0	0	0			0	0	0	1673	14.3	46
23	14.4	44		20.			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Z Miles	11	23
24				111					()	0	0	0	0	53		经验证证						0			10
25	0			0	0	0	0	0 5	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	0	0	0	0	()	0	()	()	() सम्बद्धाः	0	0	0	0			5
26	11.1			图12	2.10.00.00.00.00.00.00.00.00.00.00.00.00.	ENGINE FIRE				0	0	0	0							0	0	0 点	問題	0	9 0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,	0	0	0	0	0	0	0	0
29	0	0	0	0	0	U ditional F	0	U	0	0	0	0	0	U	0	0	U	U	v	ـــــان		V	v	U	0
29 30	0	0	0 Da	iyiigiii sa a	O ()	иноцат г О	0	0	0	0	0	0	0	0	0	0	0	0	اره	0	0	0	0	0	0
31	0	0	0	0	0	0	0	Ü	0	0	0	0 FF		ELT:	3.799.7±3		-6	建设介 节					0	0	61
51	v	Ü	v	v	Ü	Ü	v	v	v	Ū	•	Eis	AND STREET	EMED.			1000		To	otal MWH =	= Jelief	Roller &		930	
	51	49	48	51	55	59	55	35	28	46	37	26	16	20	39	40	34	34	34	33	34	22	37	47	930
																									Carried States
	70.3% Off	Peak W	beeling								2	9.7% On	-Peak W	heeling										í	
	nacearan ma				SIGNATURE.	MERCHANIS IS																		•	To be a second
	Hou	rs of Self-	Service W	heeling		Hou	urs of Opti	onal Provis	ion Purcl	iases		Ove	rlap of SS	W and O	P Purchase		Act	ual Peal	Hour of	Day	`.·:	Ta	iff-Defii	ned Penk	Hours
																								Ģ	and the same
																								S ISON	The same
																								£2.	a same same
																								10	
																								ned Penk	- Contract

November 2000 Hour Ending

DATE	1:00	2:00	3:00	4:00	5 00	6.00	7:00	8:00	9:00	10:00	11.00	12 0	0 13.00	14:00	15:00	16.00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	0		0 5 4 4		ME 24.0		V 10 V4 V4				風を行うだ	建筑污污	新想的		36
2	4.	13747	¥ 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13	0	0		5.15.14 lev		1554	4		4	4	4.5			()	0	1871	0	0			52
3	33	4	5	5	1515	95.05	0	0	0	0	0	eres action	0 0	0	0	0	0	0	0	0	0	0	0	0	27
4	0	0	0	0	0	0	0	0	0	0	0		0 0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	U	0	0	0	0	0	0	0	0		0 0	0	0	0	0	0	٥Ĺ	0	0	0	O	0	0
6	0	0	0	0	0	0	0	0	0	0	0		O O	0	0	0	0	0	0	0	0	0	()	0	0
7	0	0	0	0	0	0	0	0	0	0	0		0				0					100		0	0
8	0	0	0	0	0	0	0	0	0	0 2														()	3
9 10	V SAME OF THE PARTY OF THE PART	0 24-24-25		V Signalian	U Bashkan esi	75. 75.	0	0	0	0											0	0	5	16.5	9
11			7			FE 57	0	0	0	· 觀				()			0			0	0	0 25	0	0	12
12	是到底是这个的 ()	0	0	eteri O	0	12°533 0	0	0	0	0	0		0	0	0	0	0	0	ol	0	0	ø	0	0	0
13	0	0	0	0	0	0	Ü	0	0	0	0	(-	0	0	0	0	0	of	0	0	Ö	ő	ō	0
14	0	0	0	0	0	o	0 83	8	10.00	8.7		DAY.	7 4 415	15.6	E6 157	115	0	0	0	0	O	0	0	0	99
15	0	0	Q	0	0	ū	0	0	0	0	0	(0	0	0	0	0	0	0	Q	0	0	0	D
16	0	0	0	0	0	0	0	0	0	0	0	{		, Print	3.5	3	0	0	0	0	0	0	0	3	13
17	4	344	4.4	1944	144	4/4	1.1	1	0	0	O	(0		1	3	0	0	0	0	0	0	0	0	31
18	0	2.7	6,2	Fa2		2	0	()	()	0	()) ::::::::::::::::::::::::::::::::::::) 0 <u>[</u>			143	O	0	() ()	0	0 ************************************	O CORREGIONALISMOS	数 0 Example		22
19	MATERIAL SERVICE SERV	3.10	13.7		3.4	#2.m	2.2	140		型性	3,	MALE		至1990年			122			階級25	2			O Coeres	49
20	0	0	0	0 टब्स्ट्रस्य व उत्तराज्य	0 ::::::::::::::::::::::::::::::::::::	() See 1860 (1811)	0 0		() सारकारतास्त्राहरू	() इस्त्रहरू	0	0		0	0	0	0 0	0	0	0	0	0	2000		3 15
21					7.2				diam'r		0	n	0	0	0	0	0	0	n n	را 0		0	0 66	0	12
22						3	0		0	2000年2月1日	# 132		PENANTA	1 第2 年 7年	の展開の重要	0	0	0	0	0	0	0	0 🌃	2.2	24
23 24	0 666		0		0	55857i 0	0	0	0	0	· 子列斯斯 2 O				建设于识别的 0	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	0	0	оГ	- 01	0	0 🌉		1 1 1	4
25			14.2.5	45		第 2	0	0	0	0	0 5	0	0	0	0	0	0	0	0	0	0	0 (532	0	0	22
26	例如 ()	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0 部	18	18	17.17	第 12	3.	18.8	18 5 9 in	10	10 8	200	10	4.10 A	165	18	174
28	18	17.17.25	417	.18	18.2	1217	10.	10	10	110	0	0	0	0	12	136	8.5	181	188	DIVE ST	8.	8 8		13	245
29	14-5	14	FI3	14.0	14	24	8	8.	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																			(P	. 1 > 4377				958	
	40	61	62	61	56	56	21	32	30	23	35	34	46	43	55	55	24	24	21	otal MWI 22	22	21	40	938 54	958
	60	61	62	61	30	36	21	32	30	23	22	34	40	43	33	"	24	24	21	22	22	21	40	24	930
	76.2% Of	I-Peak W	heeling		23	.8% On	Peak W	heeling																	
3	Ho	C-1C	C 11.1		595E			1.0								<u></u>						• 40			MANAGEMENT OF THE PARTY OF THE
Ĩ	EIO	ns of Self-	Selvice Avi	icenng		Hou	rs of Optic	onal Provisi	on Purchas	es			Overlap of S	SSW and OP	Purchase	L,	Act	ual Peak	Hour of	Day	. , ,	Tar	iff-Defin	ed Peak H	outs
																									OUT TO THE PARTY OF THE PARTY O
																									A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN THE PERSON N
																									Series and Series
																									Company of the Parket of the P

December 2000 Hour Ending

DATE	1:00	2:00	3.00	4:00	5:00	6 00	7:00	8:00	9:00	10.00	11 00	12:00	13.00	14:00	15:00	16:00	17:00	18.00	19:00	20:00	21:00	22:00	23:00	24;00	Sum
1	0	0	0	0	0	0	0	0	01	0	0	0	0	0	0	0	0	υ	ø	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o۲	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0 日	15.0¢		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	o	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 屬	the same		2 . U			0	0
7	0	0	0	0 🐻	16 206	3 10	### OF	可能()	30 10 10 10 10 10 10 10 10 10 10 10 10 10	300	34.U	15.0	0	0	0	0	0	0			in the state of			0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0	ᅊ	0.	0	0	0	0	0
10	0	0	0	0	Û	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0 ∑	127		0	0	0	0	0	0	O	0	14
12	0	O	0	0	0	0	0	0	0	0	0	0 🛭	10	12	112	12	0	Yn i 🗓 🕏		10	10.0	90	0	0	46
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0 袋	5.	5		55	0	0	0	0	0	0 %	37.5	55.5	30
16	5.0	5	5	6	5.7	美国等	0	0	0	0 st	旅战		14 E	12.5	5.4	5	0	0	0	0	0	0 排	31	0	62
17	0 類	建自约	75.	4.7	4.	CALL T	0	0	0	0 鷸	4.3	42	4.	大学		1765	0	0	0	0	0	0 2	55		54
18	的数500	62	加5些		5. 5.	造工4	0	0	0	0 🏭			がとう情	19	19.0	119	0	0	0	0	0	0	5	£1251	109
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 實	是。76g	2.	正规	2 2	124			0	0	17
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 🗟		2.5		3	3.9		15
21	3.1	論語		343	3.	0 题	0.5		0	0	0	0 賢	验5世	25.5	0	0	0	0	0	0	0	0	0	0	25
22	0	0	0	0	0	0	0	0	0	0	0	0 . 7%	0	0	() 	() कारकार का	0	0	() פאוויינטריפוריטרי	O Serger I report	O necessors	0 शास्त्रकार स्टब्स्ट	() ####################################	() सम्बद्धाः स्टब्स	0
23	0 מקשינו ביידונוע לינוע	0 ************************************	O Postase Tualing	O	0 מוניסיים היינים עובר	0	0 जन्म	0 	0	0	0 জনকান্য	E" 0 Wartsen	12.	12	112	- 12	12	123	31.12°	12 2	11.0	12	$\frac{12}{12}$	2121	142
24	124	量2种		至12次	M. P. L. Dark	12	12	427 51 G W.	i i i i i i	12	7.2		12:2	, 1212 E	1118	12	112	1125		12	制學語		12		283
25	0	0	0	0	0	0	0	0	°	0	0 ### 3 3 5 9 9 1	O	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	الم	0			122	0	0	0	0	0	0	0	0	0	0	0	9
27	0	0	0	Ü	0	0	U	0	0	0	0	0	0	0	0	0	0	0	<u>"</u> -		0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	U	U	0	0	0	0	0	0	° -		0	U	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٧L		0	0_	0	0	0
30	0 2000-2004-000	O TECHNIST	U Taran Baran	U १५५४७ ज्ञासका	O Tesa a ten	0 TOB 2	0	U	0	-0	0	0	0	0	0	0	0	0	0		U	U _		0	0
31	MEET OF THE	证的证据	THE DESIGNATION OF THE PARTY OF	11.61		, j., b.	v	v	υ <u></u>	0	U	U	U	U	U	U	U	U	U iiii		n Kanana		1	0.40	42
	21	2.4	25	26	34	21	13	12	11	12	27	26	60	75	74	0.1	26	26		tal MWH		20	16	848	848
	31	34	35	36	34	31	12	12	11	12	27	20	ου	75	74	94	20	26	27	28	26	28	40	47	040

79.6% Off-Peak Wheeling

20.4% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Tariff-Defined Peak-Hours

AUSLEY & McMullen

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET P.O. BOX 391 (ZIP 32302) TALLAHASSEE, FLORIDA 32301 (850) 224-9115 FAX (850) 222-7560

May 14, 2001

HAND DELIVERED

Ms. Blanca S. Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

> Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Ouarterly Report (Quarter I 2001) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

Enclosures

CONFIDENTAL

DOCUMENT NUMBER-DATE

05998 MAY 145

JDB/pp

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - Quarter I 2001

			Ja	anuary	Fel	oruary	M	arch	Qt	r. l 2001
(1)	Actual Energy Reduction from S Cargill New Millpoint Plant (SBI-3									
	Cargill Ridgewood Master Plant (S			- 149		-		•		- 149
	Cargill Hooker's Prairie Plant (IST			46				-		46
	Total Cargill SSW			195		-		-	<u></u>	195
(2)	Actual SSW Under-delivered - N Basis for Generator-to-Schedule			16		-		-		-
' (3)	Revenue Gains/Losses (+/-)									
	Base Energy		\$	(2,102)	\$	-	\$	-	\$	(2,102)
(4)	Environmental Cost Recovery Ch	arges (\$1.59/MWH)	\$	(310)	\$	-	\$	-	\$	(310)
(5)	Conservation Cost Recovery Cha	rges (\$0.29/MWH)	\$	(57)	\$	-	\$	-	\$	(57)
(6)	Capacity Cost Recovery Charges	(\$0.15/MWH)	\$	(29)	\$	-	\$	-	\$	(29)
(7)	Fuel & Purchased Power Cost Re Lost Retail Tariff Time-Of -Use Fi Avoided Incremental Fuel and Pu Net Impact to Fuel Recovery Class	uel Revenues rchased Power Expense	\$ \$	-						
(8)	Transmission Wheeling: Schedule 8 - Non-Firm Point-to-F Schedule 2 - Reactive Supply (\$0 Schedule 1 - Scheduling (\$0.13/1 Total Transmission Wheeling	· · · · · · · · · · · · · · · · · · ·	\$ \$ \$	247 20 25 292	\$ \$ \$	- - - -	\$ \$ \$	- - -	\$ \$ \$	247 20 <u>25</u> 292
(9)	Net GSI Service Charges		\$	35	\$	-	\$	-	\$	35
(10)	Opportunity Sales		\$	335	\$		\$	-	\$	335
(11)	Refund (Not Applicable)		\$	-	\$	-	\$	-	\$	-
	Net Impact		\$	5,650	\$	-	\$	-	\$	5,650
	Tampa Electric Monthly Peak:	Date Hour MW		1/10/01 8 3,649		2/6/01 8 2,826		3/12/01 20 2,509		

Notes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Prairie; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSì MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.
- (11) Not applicable for Quarter 1 of 2001.

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for New Millpoint Plant

Billing Components for Quarter I 2001 Before and After Self-Service Wheeling (1)

		Before SSV	V		After SSW			Impac	t of SSW	
New Milipoint (SBI-3)	JAN	FEB	MAR	JAN	FEB	MAR	JAN	FEB	MAR	Quarter I
Actual Billing Determinants: (2)	İ		1		ĺ		1			
Energy On-Peak	675,590	770,440	195,966	675,590	770,440	195,966	3	1	1	1
Energy Off-Peak	1,901,066	1,806,632	484,662	1,901,066	1,806,632	484,662	2	1		1
Supplemental Demand (kW)	2,856	7,727	2,902	2,856	7,727	2,902	2 -	-	-	-
Standby Billing Demand (kW)	34,908	34,908	34,908	34,908	34,908	34,908	-	-	-	-
Actual Standby Billing kW	127,831	95,495	71,796	127,831	95,495	71,796	-	-	-	-
Supplemental Energy (kWh)	764,112	1,564,356	175,538	764,112	1,564,356	175,538	- 1	-	-	-
Standby Energy (kWh)	1,812,544	1,012,716	505,090	1,812,544	1,012,716	505,090) -		-	-
Power Factor %	62.37	94.82	81.76	62.37	94.82	81.7€	-	-	-	-
Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,025	1,025	1,025	1,025	1,025	1,025	-	_	_	_
Supplemental Demand (\$/kW-mo)	1.45	1 45	1 '	1 45	•			-	-	_
Stand-by Demand (\$/kW-mo)	0.95	0.95	1	0.95	1			_	-	_
Bulk Transmission Reservation (\$/kW-mo)	0.09	0.09	0.09	0.09				1 -	-	9 -
Bulk Transmission Demand (\$/kW-day)	0.03	0.03	0.03	0.03	0.03			-	_	-
Supplemental Energy (¢/kWh)	1.327	1.327	1.327	1.327	1.327	1	i		1 -	_
Standby Energy (¢/kWh)	0.961	0.961	0.961	0.961	0.961	1	1	_	_	
Metering Level Discount (% of D&E charges)	1	1	1	1	1	0.001	1 _	1 -	_	1 .
Transformer Ownership Disc. Supp. (\$/kW-mo)	0.23	0.23	0.23	0.23	0.23	0.23	_	<u> </u>		
Transformer Ownership Disc. Studby. (\$/kW-mo)	0.21	0.23	0.21	0.21	0.23	0.21	1	1 .		1 .
On-Peak Fuel Charge (¢/kWh)	3.410	3 410	3.410	3.410	3.410	1				_
	2.030	2.030	2.030	2.030	2 030			<u> </u>		
Off-Peak Fuel Charge (¢/kWh)	0.029	0.029	0.029	0 029	0.029	0.0290	Ī .	_	-	1
Energy Conservation Charge (¢/kWh)		0.029	0.029	0.015	0.029	1	1	1 -	1 -	1
Capacity Charge (¢/kWh)	0.015	0.015	1	•	1		1 -	_	1 -	1
Environmental Cost Recovery Charge (¢/kWh)	0.159	0.159	0.159	0.159	0.159	0.1590] -	_	_	ļ -
Refund (¢/kWh)	2.5044	2.5044	25044	2.5644	2.5544	25544	1	-	-	1
Florida Gross Reciepts Tax (%)	2.5641	2.5641	2.5641	2.5641	2.5641	2.5641	<u> </u>	-	_	_
Actual Charges : (3)			4 005			f 4.005				
Customer Facilities Charge	\$ 1,025	\$ 1,025		\$ 1,025			\$ -	\$ -	\$ -	5 -
Supplemental Demand	\$ 4,141	\$ 11,204	\$ 4,208	\$ 4,141		\$ 4,208	\$ -	\$ -	\$ -	\$ -
Stand-by Demand	\$ 33,163	\$ 33,163		\$ 33,163		\$ 33,163	\$ -	\$ -	\$ -	\$ -
The greater of: Bulk Transmission Reservation, or	\$ 3,142	\$ 3,142		\$ 3,142			\$ -	\$ -	\$ -	\$ -
Bulk Transmission Demand	\$ 3,835	\$ 2,865	\$ 2,154	\$ 3,835	\$ 2,865	\$ 2,154	\$ -	\$ -	\$ -	\$ -
Supplemental Energy	\$ 10,140	\$ 20,759	\$ 2,329	\$ 10,140	\$ 20,759	\$ 2,329	\$ -	\$ -	\$ -	\$ -
Standby Energy	\$ 17,419	\$ 9,732	\$ 4,854	\$ 17,419	\$ 9,732	\$ 4,854	\$ -	\$ -	\$ -	\$ -
On-Peak Fuel	\$ 23,038	\$ 26,272	\$ 6,682	\$ 23,038	\$ 26,272	\$ 6,682	\$ -]\$ -	\$ -	\$ -
Off-Peak Fuel	\$ 38,592	\$ 36,675	\$ 9,839	\$ 38,592	\$ 36,675	\$ 9,839	\$ -	\$ -	\$ -	\$ -
Energy Conservation Charge	\$ 747	\$ 747	\$ 197	\$ 747	\$ 747	\$ 197	\$ -	\$ -	\$ -	\$ -
Capacity Charge	\$ 386	\$ 387	\$ 102	\$ 386	\$ 387	\$ 102	\$ -	\$ -	\$ -	\$ -
Environmental Cost Recovery Charge	\$ 4,097	\$ 4,098	\$ 1,082	\$ 4,097	\$ 4,098	\$ 1,082	\$ -	\$ -	\$ -	\$ -
Transformer Discount	\$ (7,988)	\$ (9,108)		\$ (7,988)				\$ -	\$ -	\$ -
Meter Level Discount	\$ (687)	\$ (780)	(476.96)	\$ (687)	\$ (780)	(476.96)	\$ -	\$ -	\$ -	\$ -
Power Factor Adjustment +/- (4)	\$ 3,265	\$ (385)	\$ 115	\$ 3,265	\$ (385)	\$ 115	\$	\$ -	S -	2
Refund	\$ -	\$ -	s - 1	\$ 3,253	\$ (565)	\$ -	\$	\$ -	\$ -	\$ -
lorida Gross Receipts Tax	\$ 3,363	\$ 3.511	\$ 1,494	\$ 3,363	\$ 3,511	\$ 1,494	1 .	•		
otal Electric Charges	\$ 134,536	\$ 140,441	\$ 59,757	\$ 134,536	\$ 140,441	\$ 59,757	\$ <u>-</u> \$ -	\$ -	<u>\$</u> \$ -	\$ <u>-</u> \$ -
	1					ł	I I			

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Master Plant

Billing Components for Quarter I 2001 Before and After Self-Service Wheeling (1)

			Befor	re SSW					After SSW		···············			Impac	t of SSV	٧			-
Ridgewood Master (SBI-1)		JAN	F	EB	MAR		JAN		FEB		MAR	NAL		FEB	'	MAR		Quarter I	1
Actual Billing Determinants: (2)								Τ											1
Energy On-Peak	1,	,906,727	1,	121,432	246,0	97	1,906,727		1,121,432		246,097		- 1		1		ŀ		ı
Energy Off-Peak	7.	,523,656	5,	747,453	1,170,5	34	7,374,656		5,747,453	,	1,170,534	1							1
Supplemental Demand (kW)	1	17,910	1	5,849	7,3		17,910		5,849	1	7,399		- 1	-		-		-	ı
Standby Billing Demand (kW)	1	52,000		52,000	52.0		52,000	•	52,000	1	52,000		- 1	-	1	-	H	-	ı
Actual Standby Billing kW	1	105,277	1	205,716	32,7		105,277		205,716		32,766	-		-	i	-		_	ı
Supplemental Energy (kWh)		,556,182		688,483	1,154,2		7,407,182		2,688,483	1	1,154,299	149,00	0		ł	-		149,000	ı
Standby Energy (kWh)		,874,201		180,402	262,3	,	1,874,201	ì	4,180,402	1	262,332	-	1	_			1		f
Power Factor %	i "	81.58	"	79.99	31.0		81.58		79.99	1	31.62	i -	1	_		_	ŀ	-	ı
Prower racion 78		01.00		10.00		~	01.00		.0.00		01.02	1			1		ı		ı
Applicable Tariff Rate/Charge:	1				1	ı				1					1				ı
Customer Facilities (\$/bill)	1	1,025		1,025	1,0	25	1,025		1,025	1	1,025	-		-		-	1	-	١
Supplemental Demand (\$/kW-mo)	1	1.45	1	1.45	1.4	- 1	1.45		1.45	1	1.45	-		~	1	-	1	-	I
Stand-by Demand (\$/kW-mo)	1	0.95	1	0 95	0.9	- 1	0.95		0.95	1	0.95	-	1	_		-		-	1
Bulk Transmission Reservation (\$/kW-mo)	1	0.09	1	0.09	0.0		0.09		0.09	1	0.09	_		_	1	-		-	1
Bulk Transmission Demand (\$/kW-day)	1	0.03]	0.03	0.0		0.03		0.03	1	0.03			_]				١
	1	1.078		1.078	1.0	- 1	1 078		1.078		1.078	! <u>-</u>	- 1	-	į.	_	1	-	l
Supplemental Energy (¢/kWh) Standby Energy (¢/kWh)	1	0.961		0.961	0.96		0.961		0.961		0.961			-	1	-	1	_	ı
	1	0.301		0.307	0.50	7	1	1	0.501	ĺ	0.501			_		-		_	ĺ
Metering Level Discount (% of D&E charges)	I	0 23	i	0.23	0.:	2	0.23		0.23		0.23	1 -		_		_		-	l
Transformer Ownership Disc. Supp. (\$/kW-mo)	1	0.210	i	0.23	0.2		0.23		0.21	1	0.21	_	-	_	1	_	1	_	ĺ
Transformer Ownership Disc. Stndby. (\$/kW-mo)		3.410	1	3 410	3 4		3.410		3.410		3.41			_	1	_		_	İ
On-Peak Fuel Charge (¢/kWh)	1	2.030	1	2.030	2 03		2.030		2 030		2.03	· ·	- 1	-	1		1	_	ı
Off-Peak Fuel Charge (¢/kWh)	1		Ì	0.029	0.02	•	0 029	Į	0 029		0 029	· -		-		_	1	_	ı
Energy Conservation Charge (¢/kWh)	l	0 029			1			1		l		-		-	l	_		_	ı
Capacity Charge (¢/kWh)	i	0.015	ľ	0.015	0.0		0.015		0.015		0.015	1 -	ı	-	İ	-	1		ı
Environmental Cost Recovery Charge (¢/kWh)	1	0.159		0.159	0.15	9	0.159		0.159		0.159	-		-	ŀ	-			ı
Refund (¢/kWh)	1	0.5044		2.5544	2.50		- 0.5044		2.5641		2 5644	1	1	-		-	1	-	ı
Florida Gross Reciepts Tax (%)	l	2.5641		2.5641	2.564	''	2.5641		2.5041	ŀ	2 5641	_		-		-	Į	_	ı
Actual Charges : (3)	İ					-											ı		ı
Customer Facilities Charge	\$	1,025	s	1.025	\$ 1,02	25	\$ 1,025	\$	1.025	\$	1,025	\$ -	\$; -	\$		\$		ĺ
Supplemental Demand	Ś	25,970	Š	8,481	\$ 10,72		\$ 25,970	\$	8,481	Š	10,729	\$ -	\$		ŝ	_	s	-	ı
Stand-by Demand	ŝ	49,400		49,400	\$ 49,40		\$ 49,400	Š	49,400	Š	49,400	\$ -	s		Š	-	\$	_	ı
The greater of: Bulk Transmission Reservation, or	Š		\$	4,680	\$ 4,68		\$ 4,680	\$	4,680	Š	4,680	\$ -	s		s	-	Š		ı
Bulk Transmission Demand	\$		\$		\$ 98		\$ 3,158	\$		\$	983	•	*	•	*		1	į	ĺ
Supplemental Energy	١؞			28,982	\$ 12.44		\$ 79.849	\$	28,982	ŝ	12,443	\$ 1,606	; s	<u>-</u>	s	_	5	1,606.22	l
Standby Energy	ľš			40.174	\$ 2,52		\$ 79,049 \$ 18,011	\$	40,174	\$	2,521	\$ 1,000	Š		\$		š	.,000.22	ĺ
On-Peak Fuel	ľš	65,019		38,241	\$ 8,39		\$ 65,019	\$	38,241	\$	8,392	\$ -	Š		\$		š	_	ĺ
					\$ 23,76		\$ 149,706	\$	116,673	\$	23,762	\$ 3,025	1 -		Š	-	\$	3.024.70	
Off-Peak Fuel	e e	2,735		1,992	\$ 23,70		\$ 149,706 \$ 2,692	\$	1,992	\$	411	\$ 3,023			\$	_	\$	43.21	ı
Energy Conservation Charge	l ¢	1,415			\$ 21		\$ 2,092 \$ 1,392	\$	1,992	\$ \$	212	\$ 43			s s	_	\$	22.35	ı
Capacity Charge	\$		•	10,922	\$ 2,25	_	\$ 1,392 \$ 14.757	\$	10.922	\$	2,252	\$ 237			\$	_	\$	236.91	ı
Environmental Cost Recovery Charge	1 '	, , ,						1 '	(12,265)		(12,622)	\$ 231	\$		ŝ	-	\$	230.91	ı
Transformer Discount	,	(15,039)		(12,265)			\$ (15,039)			\$		*			\$ \$	-	\$	(16.06)	į
Meter Level Discount	\$	(1,795)		(1,332)	(797.7	′ 📗	\$ (1,779)	1 .	(1,332)	·	(797.73)	· (•	\$	-	\$	` '	ı
Power Factor Adjustment +/- (4)	\$	1	\$	1,793	\$ 6,74		• .,	\$	1,793		6,745	\$ 27	\$	*	7	-	N *	26.57	ľ
Refund	\$	1	\$		\$ -	1	· }	\$	-	\$	- [\$ -	\$	-	\$	-	\$	- [
Florida Gross Receipts Tax	\$		\$	7,469	\$ 2,79			\$_	7,469	\$	2,799	\$ 127	\$		\$		\$	126.77	
Total Electric Charges	\$ 4	12,597	\$ 2	98,756	\$ 111,95	1 9	407,526	\$	298,756	\$	111,951	\$ 5,071	\$	-	\$	-	\$	5,070.67	₩.
Percent of Total Bill	•	ĺ										1.2%		0.0%		0.00		0.07	
	Щ.					Щ.		L				1.2%	9	0.0%		0 0%	<u>L</u>	0.6%	•

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for Quarter I 2001 Before and After Self-Service Wheeling (1)

		Before SSV	1		After SSW			Impac	t of SSW	
Hooker's Prairie (IST-1)	JAN	FEB	MAR	JAN	FEB	MAR	JAN	FEB	MAR	Quarter I
Actual Billing Determinants: (2)		İ		1						
Demand (kW)	1,32		6 945	1,323	4,536	945	-	-	_	-
On-Peak Energy (kWh)	145,12°	1 154,72	8 44,100	145,121	154,728	44,100	-	-	-	1 -
Off-Peak Energy (kWh)	477,099	434,54	3 165,690	431,099	434,543	165,690	46,000	-	-	46,000
Power Factor %	75.64	1 89.6			89.64	65.50	-	-	-	-
Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,000	1,00	1,000	1,000	1,000	1,000	-	-	-	
Demand (\$/kW-mo)	1.45	5 1.4	5 1.45	1.45	1.45	1,45	_	_	-	_
Energy (¢/kWh)	1.078	3 1.07	3 1.078	1.078	1.078	1.078	-	-	-	-
Metering Level Discount (% of D&E charges)	-	1	1 1	1	1	1	-	-	-	-
Transformer Ownership Discount (\$/kW-mo)	0.23	0.2	3 0.23	0.23	0.23	0.23	-	-		1 - 1
On-Peak Fuel Charge (¢/kWh)	3.410	3.41	3.410	3.410	3.410	3.410	-	-	-	-
Off-Peak Fuel Charge (¢/kWh)	2.030	2.03	2.030	2.030	2.030	2.030] -	-	-	-
Energy Conservation Charge (¢/kWh)	0.029	0.02	0.029	0.029	0.029	0.029	-	-	-	- 1
Capacity Charge (¢/kWh)	0.015	0.01	5 0.015	0.015	0.015	0.015	-	-	-	- 1
Environmental Cost Recovery Charge (¢/kWh)	0.159	0.15	0.159	0.159	0.159	0.159	-	-	-	1 - 1
Refund (¢/kWh)	(0.226	(0.22)	6) (0.226	(0.226)	(0.226)	(0.226)	-	-	-	-
Florida Gross Reciepts Tax (%)	2.5641	2.564	2.5641	2.5641	2.5641	2.5641	-	-	-	-
Actual Charges : (3)						<u> </u>				
Customer Facilities Charge	\$ 1,000					1 .	\$ -	\$ -	\$ -	\$ -
Demand	\$ 1,918			\$ 1,918		1	\$ -	\$ -	\$ -	\$ -
Energy	\$ 6,708					\$ 2,262	\$ 496	\$ -	\$ -	\$ 495.88
On-Peak Fuel	\$ 4,949			\$ 4,949	\$ 5,276	\$ 1,504	\$ -	\$ -	\$ -	\$ -
Off-Peak Fuel	\$ 9,685			\$ 8,751	\$ 8,821	1 + -,	\$ 934	\$ -	\$ -	\$ 933.80
Energy Conservation Charge	\$ 180	1 '		\$ 167	\$ 171	\$ 61	\$ 13	\$ -	\$ -	\$ 13.34
Capacity Charge	\$ 93			\$ 86	\$ 88	\$ 31	\$ 7	\$ -	\$ -	\$ 6.90
Environmental Cost Recovery Charge	\$ 989			\$ 916		\$ 334	\$ 73	\$ -	\$ -	\$ 73.14
Transformer Discount	\$ (304							\$ -	\$ -	\$ -
Meter Level Discount	\$ (86						\$ (5)	\$ -	\$ -	\$ (4.96)
Power Factor Adjustment +/- (4)	\$ 305	B .	\$ 224	\$ 282	\$ -	\$ 224	\$ -	\$ -	\$ -	\$ -
Refund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Florida Gross Receipts Tax	\$ 652			<u>\$ 613</u>	<u>\$ 719</u>	<u>\$ 254</u>	\$ 40	<u>\$</u>	\$	\$ 39.50
Total Electric Charges	\$ 26,089	\$ 28,770	\$ 10,149	\$ 24,509	\$ 28,770	\$ 10,149	\$ 1,580	\$ -	\$ -	\$ 1,580.15
Percent of Total Bill							6.1%	0.0%	0.0%	2.4%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Hourly Summary

January 2001 Hour Ending

DATE	1:00	2:00	3:00	4:00	5.00	6.00	7:00	8:00	9:00	10,00	11.00	12:00	13:00	14.00	15.00	16:00	17:00	18:00	19:00 2	0:00	21:00	22:00	23:00	24:00	Sum
-												3		5 45	建筑建 5。	5	0	0	0	0	0		18 5 5 K		58
1	5	5	5	5	6 g				0	()	0	0		2	4		0	0	0	0	0	0	0		43
2	5.5						0 o r	0	0	0	0	•						0	0	0	0	0	5	5	46
3	50	44 169	3.55	(C)) 5	0	- 0	0	0	0	0		Medelli (ta kina	5	0	0	0	0	0	0	0	48
4			18 M SE		9		U Harrister Street	U	•		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0 2							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	οL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0	0	оΓ	0.	0	0	0
9	0	0	0	0	0	0	0	()	() ESPERANCE	Ü	0	0	_	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	O	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0		Ú	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	o L	0	0	0	0		0			0	οľ	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ol		0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	ő	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		ŏ	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	°L	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0	0	°L.	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	_	0	0	0	0	0	0
24	0	0	0	0	0	0	- 1	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
25	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0[0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	- 0	0	0		0	`.≪
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	[∪] ≰
5.	v	•	-																Тс	tal MV	WH =	195			er.
									_																-

93.3% Off-Peak Wheeling

6.7% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Tariff-Defined Peak Hours

February 2001 Hour Ending

DATE	1:00	2.00	3:00	4.00	5:00					10:00	11.00	12.00	13.00	14.00	15:00	16:00	17.00	18:00	19:00	20:00	21:00 2	2:00	23:00	24:00	Sum
			0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	Ū	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	οΓ	0	0	0	0	0	0	0
3	0	0	0	0	0		_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0	0	0	0	0
5	0	0	0	0	0	0	0		0	0	Ü	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	°L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	ol	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	o -	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	οГ	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ol	0		0	0		0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	l 0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	оΓ	0	0	0	0	0	0
18	0	U	0	0	0	O	0	0	0	0	0		0	0	0	0	0	0	o	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	٥ŀ	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0 .	0	0	0	0	0	0		0	0	0	0	ōh	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ol	0		0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	!	0	οΓ	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0		0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	<u> </u>	0	° L.		0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	U	0		v	Ť	-				

Total MWH =

0

0.0% Off-Peak Wheeling

Hours of Self-Service Wheeling

0.0% On-Peak Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day



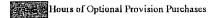
March 2001 Hour Ending

DATE	1:00	2 00	3:00	4:00	5.00	6.00	7:00	8:00.	9:00 . 10:0	Q. 11:00	12:00	13.00	14.00	15.00	16:00	17:00	18.00	19:00	20:00	21:00	22:00	23.00	24:00	Sum
 1	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0 0	0	U	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0 C	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	Ð	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
14	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	U	() ()	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 . r	0					0	0	0	0
16	0	0	0	0	0	0	0	0	0		0	O	0	0	0	0	0	0 o F	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	0
18	0	0	0	0	O	0	0	0	0	,	0	0	0	0	0	0	0	ွိ -	- 0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	۱,		0	0	0	0	0
20	0	0	0	0	0	0	0	0	0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0	٥L	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	ــــا ٔ	0	0	0	0	0	0	0	0	оΓ	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	•) 0	0	0	0	0	0	0	0	٥L	0	0	0	0	0	0
24	0	0	0	0	0	0	0	()	0 (_	0	0	0	0 or	0	0	0	0	0 0	0	0	0	0	0
25	0	0	0	0	O	0	0	0	0 (0	0	0	\ <u>\</u>	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0 (0	0	0	°L	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0 (_	0	0	0	0	ــا `	0	0	оΓ	- 0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0 (•	0	0	0	0	0	_		°L	0	0]	0	0	0	0
29	0	0	0	0	0	0	0	0	0 (_	0	0	0	0	0	0	0	V	٠ ـــــ		•	-		Condition of the second
30	0	0	0	0	0	0	0	0	0 (-	0	0 .r	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0 (0	0	⁰ L	0	0	0	0	0	0	0	0	0	0	0	
	0.00/ ()		****			0.007 (0.	7 0 1	XX73 4*										Ţ.	Fotal MW	/FI =	0			

0.0% Off-Peak Wheeling

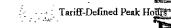
0.0% On-Peak Wheeling

Hours of Self-Service Wheeling



Overlap of SSW and OP Purchase

Actual Peak Hour of Day



11/5

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

August 17, 2001

HAND DELIVERED

CONFIDENTIAL

RECEIVED

AUG 2 0 2001

Regulatory Affairs

Ms. Blanca S. Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report (Quarter II 2001) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp Enclosures

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - 2nd Quarter 2001

				April		May		Jurae	2nd	Qtr. 2001
	Actual Energy Reduction from SSY Cargill New Millpoint Plant (SBI-3)	W - MWH		579		1,125		1,856		2.560
	Cargill Ridgewood Master Plant (SB:	L1)		278		1,142		1,030		3,560 278
	Cargill Hooker's Prairie Plant (IST-1			-						-
	Total Cargill SSW			857		1,125		1,856		3,838
(2)	Actual SSW Under-delivered - MV Basis for Generator-to-Schedule Imb			95		289		276		660
(3)	Revenue Gains/Losses (+/-)									
	Base Energy		\$	(8,561)	\$	(10,811)	\$	(17,836)	\$	(37,208)
(4)	Environmental Cost Recovery Charg	es (\$1.59/MWH)	\$	(1,363)	\$	(1,789)	\$	(2,951)	\$	(6,102)
(5)	Conservation Cost Recovery Charges	s (\$0.29/MWH)	\$	(249)	\$	(326)	\$	(538)	\$	(1,113)
(6)	Capacity Cost Recovery Charges (\$0	.15/MWH)	\$	(129)	\$	(169)	\$	(278)	\$	(576)
(7)	Fuel & Purchased Power Cost Recov									
	Lost Retail Tariff Time-Of-Use Fue Avoided Incremental Fuel and Purch		\$	•						
	Net Impact to Fuel Recovery Clause		<u>\$</u> \$							
	Net impact to I del Recovery Clause		ф							
(8)										
		nt Transmission Service (\$1.267/MWH)	\$	1,086		1,425		2.352	_	4.863
	Schedule 2 - Reactive Supply (\$0.10		\$		\$	113	\$	186	\$	384
	Schedule 1 - Scheduling (\$0.13/MV) Total Transmission Wheeling	ve)	<u>\$</u> \$	111		146 1,684	\$	241 2,778		499 5,745
	Total Transmission wheeling		a a	1,203	U	1,004	Ψ	2,770	Ð	2,142
(9)	Net GSI Service Charges	*	\$	922	\$	949	\$	1,165	\$	3,036
(10)	Opportunity Sales		\$	2,029	\$	-	\$	1,025	\$	3,054
(11)	Refund (Not Applicable)		\$	-	\$	-	\$	••	\$	-
	Net Impact		\$	3,066	\$	(6,142)	\$	2,741	\$	(335)
	Tampa Electric Monthly Peak:	Date		4/13/01		5/22/01		6/13/01		
		Hour		17:00		17:00		18:00		
		MW		2,903		3,257		3.305		

Notes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Praine; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.
- (11) Not applicable for Quarter 2 of 2001.

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for 2nd Quarter 2001 Before and After Self-Service Wheeling(1)

	Before SSW							After SSW		Impact of SSW									
Hooker's Prairie (IST-1)		APR	MAY		JUN		APR		MAY		JUN		APR		MAY		JUN	Q	uarter 2
Actual Billing Determinants: (2)	1							1				1							
Demand (kW)	Ì	1,134	1,0	538	1,827	1	1,134		1,638		1,827	1	_	1	-	1	_	l l	_
On-Peak Energy (kWh)	ı	20,192	42,4	194	72,639	1	20,192	1	42,494		72,639		-	1	_				-
Off-Peak Energy (kWh)	ļ	146,034	318,	37	389,592		146,034		318,937		389,592		-		-	ŧ	-		-
Power Factor %	İ	65.21	72	.64	73.26		65.21		72.64		73.26		-		-		-		-
Applicable Tariff Rate/Charge:												ĺ							
Customer Facilities (\$/bill)	1	1,000	1,0	000	1,000	Į.	1,000		1,000	1	1,000		-		-		-		-
Demand (\$/kW-mo)	·	1 45	1	.45	1.45		1 45		1.45		1 45				-	1	-	l	-
Energy (¢/kWh)	l l	1.078	1.0	78	1.078	1	1.078		1.078		1 078]	-	}	-		-		-
Metering Level Discount (% of D&E charges)	1	1		1	1	1	1	1	1		1	1	-	1	-	1	-		-
Transformer Ownership Discount (\$/kW-mo)		0.23	0	23	0.23		0.23		0.23		0 23	1	-	ĺ	-		-		-
On-Peak Fuel Charge (¢/kWh)	ı	3.845	3.8	45	3.845		3 845	1	3.845	1	3.845	Ĭ	-	ł	-	1	-		-
Off-Peak Fuel Charge (¢/kWh)		2.289	2.2	89	2.289	1	2.289		2.289		2.289	ł	-		-		-	ļļ	-
Energy Conservation Charge (¢/kWh)		0.029	0.0	29	0.029		0.029	1	0 029		0.029	1	-		-		-	1	-
Capacity Charge (¢/kWh)	1	0.015	0.0	15	0.015	1	0.015		0.015	1	0.015		=	1	-		-		~
Environmental Cost Recovery Charge (¢/kWh)	1	0.159	0.1	59	0.159	1	0 159		0.159		0.159		-		-	ľ	-	l	-
Refund (¢/kWh)	1	-	-	.	-	1	-		-	ĺ	-		-		-		-		-
Florida Gross Reciepts Tax (%)		2 5641	2 56	41	2.5641		2.5641		2 5641		2.5641		+	İ	-		-		-
Actual Charges : (3)						l													!
Customer Facilities Charge	S	1,000	\$ 1,0	00	\$ 1,000	\$	1,000	\$	1,000	\$	1,000	\$	-	\$	-	\$	-	\$	-
Demand	\$	1,644	\$ 2,3	75	\$ 2,649	\$	1,644	\$	2,375	\$	2,649	\$	-	\$	-	\$	-	\$	-
Energy	\$	1,792	\$ 3,8	96	\$ 4,983		1,792	\$	3,896	\$	4,983	\$	-	\$	-	\$	-	\$	-
On-Peak Fuel	\$	776	\$ 1.6	34	\$ 2,793	\$	776		1,634	\$	2,793	\$	-	\$	-	\$	-	\$	-
Off-Peak Fuel	\$	3,343	\$ 7,3	00 [\$ 8,918	\$	3,343	\$	7,300	\$	8,918	\$	-	\$	-	\$	-	\$	-
Energy Conservation Charge	\$	48	S 1	05	\$ 134	\$	48	\$	105	\$	134	\$	-	\$	-	\$	-	\$	-
Capacity Charge	\$	25	\$	54	\$ 69	\$	25	\$	54	\$	69	\$	-	\$	-	\$	-	\$	-
Environmental Cost Recovery Charge	\$	264			\$ 735	\$	264	\$	575	\$	735	\$	-	\$	-	\$	-	\$	
Transformer Discount	\$	(261)			\$ (420)		(261)		(377)		(420)		-	\$	-	\$	-	\$	-
Meter Level Discount	\$	(34)	\$ (63)	\$ (76)	\$	(34)	\$	(63)	\$	(76)	\$	-	\$	-	\$	u u	\$	-
Power Factor Adjustment +/- (4)	\$	180	\$ 2	36	\$ 286	\$	180	\$	236	\$	286	\$	-	\$	-	\$	-	\$	-
Refund	\$	~	\$ -		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	_	\$	-
Florida Gross Receipts Tax	<u>\$</u>	225	\$ 4.		\$ 540	\$	225	<u>\$</u> _	429	\$	540	\$		\$		\$		\$	
Total Electric Charges	\$	9,003	\$ 17,1	55	\$ 21,611	\$	9,003	\$	17,165	\$	21,611	\$	-	\$	_	\$	-	\$	-
Percent of Total Bill													0.0%		0.0%		0.0%		0.0%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Millpoint Plant

Billing Components for 2nd Quarter 2001 Before and After Self-Service Wheeling (i)

			Before SSW	V		After SSW							Impact of SSW							
New Millpoint (SBI-3)	APR		MAY		JUN	Τ	APR	Ι	MAY	I	JUN	\perp	APR	\prod	DIAY	I	JUN	T	Quarter 2	
Actual Billing Determinants: (2)				- 1																
Energy On-Peak	476,9	79	913,730	0	1,056,444	4	162,979		253,730		226,444	4	314,000	o	660,000		830,00	,	1,804,000	
Energy Off-Peak	1,508,3	05	3,035,009	9	5,277,560	o .	1,243,305	5 F	2,570,009		4,251,560		265,000	- 1	465,000		1,026,000	н	1,756,000	
Supplemental Demand (kW)	-	.	_	1	-	1	· ·	1	. ,			1	_		_	ĺ	-	1	-,,	
Standby Billing Demand (kW)	34,4	44	34,444	4 [34,444	1 I	34,444	1	34,444	H	34,444	4	_	1	_			H	_	
Actual Standby Billing kW	114,9	69	154,640)	198,223		114,969		154,640		198,223		_			1	_	1		
Supplemental Energy (kWh)	-		-		-		_	-	_				_	1		1	_	1	_	
Standby Energy (kWh)	1,985,2	84	3,948,739	,	6,334,004		1,406,284	ıl	2,823,739		4,478,004	ı١	579,000	1	1,125,000		1,856,000	. 1	3,560,000	
Power Factor %	94.		92 29		73.96	1	94 32	- 1	92.29	- 1	73 96		-		-		-		-	
Applicable Tariff Rate/Charge:																				
Customer Facilities (\$/bili)	1,0	25	1,025	:	1,025		1,025		1,025		1,025		_					Į.	_	
Supplemental Demand (\$/kW-100)	1 4	- 1	1.45		1 45		1 45		1.45		1 45		_	1	_		_	lf .	_	
Stand-by Demand (\$/kW-mo)	0.9	- 1	0 95		0.95		0 95		0.95		0 95		_				_	1	_	
Buik Transmission Reservation (\$/kW-mo)	0.0	- 1	0.09		0.09		0.09	1	0 09	1	0.09			1			_	1	_	
Bulk Transmission Demand (\$/kW-day)	0.0		0 03	1	0.03		0 03		0.03		0.03		_	1			_	-	_	
Supplemental Energy (¢/kWh)	1 32		1.327		1.327		1 327		1.327		1.327			1	_			1		
Standby Energy (¢/kWh)	0.96		0.961		0.961		0.961		0 961		0.961	1	-	1				1		
Metering Level Discount (% of D&E charges)			1		1	1	1		1	1	0.501		_							
Transformer Ownership Disc. Supp (\$/kW-mo)	0.2	23	0 23	1	0.23	1	0.23		0 23		0.23	1	_	1				li		
Transformer Ownership Disc. Studby. (\$/kW-mo)	0 2	- 1	0.21		0.23	1	0.21	1	0.21	1	0.23	1		1					-	
On-Peak Fuel Charge (¢/kWh)	3.84		3 845		3.845	1	3.845	1	3,845		3 845		<u>-</u>		_	-	_		-	
Off-Peak Fuel Charge (¢/kWh)	2.28		2.289	1	2 289	1	2.289		2.289		2.289		-		-	İ	-	1	-	
Energy Conservation Charge (¢/kWh)	0.02		0.029	7	0 029	1	0.029	1	0 029	1	0.029	1	-	1	-	1	-]]	-	
Capacity Charge (¢/kWh)	0.02		0.015		0 015	1	0.029	1	0.015		0.029	1	•		-	1	-	li .	-	
Environmental Cost Recovery Charge (¢/kWh)	0.15		0.013	1	0.159	1		1			0.013	1	•		-		-		-	
Refund (¢/kWh)	0.13	"	0 139	1	0.139	1	0.159		0.159	1	0.159	1	-	1	•	İ	-		-	
Florida Gross Reciepts Tax (%)	2.564	1	2 5641	1	2.5641		2 5641		2 5641		2.5641		-		-		-		-	
Actual Charges : (3)		ĺ		1																
Customer Facilities Charge	\$ 1,02	5 5	1,025	s	1,025	\$	1,025	\$	1,025	\$	1,025	l _s		s	_	8	_	18		
Supplemental Demand	\$ 1,52	\$,	\$	1,025	\$	1,025	\$	1,023	\$	1,025	1 3		\$		\$	-		-	
Stand-by Demand	\$ 32,72			s	32,722	s	32,722	\$	32,722	s	32,722	\$	-	\$	-	3	-	\$	-	
The greater of: Bulk Transmission Reservation, or	\$ 3,10	4		\$	3,100	S	3,100	\$	3,100	\$	3,100	s	-	S	-	\$	-	\$	_	
Bulk Transmission Demand	\$ 3,44		. ,	\$	5,947	\$	3,449	\$	4,639	\$	5,947	\$	-	\$	-	\$	-	, b	-	
Supplemental Energy	\$ -	S		\$	3,547	s	3,443	\$	4,039	5	3,947	1.	•	S	-	\$	•	\$	- 1	
Standby Energy	\$ 19,07			S	60,870	\$	13,514	\$	27,136	\$	43,034	\$	5,564	\$	10,811	\$	17,836	\$	24 211 60	
On-Peak Fuel	\$ 18,34			\$	40,620	8	6,267	\$	9,756	3	8,707	\$	12,073	\$	25,377	\$		Н	34,211 60	
Off-Peak Fuel	\$ 34,52	1	,	\$	120,803	3	28,459	\$	58,828	\$	97,318		6,066	\$	10,644	\$	31,914	\$	69,363.80	
Energy Conservation Charge	\$ 57	1 '		5	1,837	\$	408	\$	819	\$	1,299	8	168	\$	326	\$	23,485	\$	40,194 84	
Capacity Charge	\$ 29			\$	950	s	211	\$	424	\$		8	87	\$	169	\$	538 278		1,032 40	
Environmental Cost Recovery Charge	\$ 3,15			s	10,071	s	_	\$	4,490				921	\$		\$		\$	534 00	
Fransformer Discount	\$ (7,23)	- 1					2,236 (7,233)			\$	7,120		921		1,789		2,951	\$	5,660.40	
Meter Level Discount	(, ,	2) S	,	, ,	(7,233)		(7,233) (497)		(7,233)	3	(7,233)	1	45()	\$	(100)	\$	(130)	\$	(242.42)	
440	(1			(995.38)	1.	1 1		(645)		(817.02)		(56)		(108)		(178)	l	(342.12)	
Power Factor Adjustment +/- (4)	\$ (262	1	(265)		3,677	\$	(186)	\$	(190)	\$	2,600	\$	(76)	\$	(76)	\$	1,077	3	925.50	
Refund	\$ -	1 \$	-	\$	-]	\$	-]	\$	-]	\$	-	\$	- '	\$		\$		\$		
lorida Gross Receipts Tax	\$ 2,695		4,633	<u>\$</u>	6,931	<u>\$</u>	2,061	\$	3,379	\$	4,933	\$	635	\$	1	\$	1,997	\$	3,886 67	
otal Electric Charges	\$ 107,817	\$	185,336	\$	277,224	\$	82,436	\$	135,149	\$	197,325	\$	25,381	\$		\$	79,899	\$	155,467 10	
ercent of Total Bill									1		l		23 5%		27.1%		28.8%		27 3%	

⁽¹⁾ All billing components are shown, however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Plant

Billing Components for 2nd Quarter 2001 Before and After Self-Service Wheeling(1)

		Before SSW			After SSW		Impact of SSW							
Ridgewood Master (SBI-1)	APR	MAY	JUN	APR	MAY	JUN	APR	MAY	JUN	Quarter 2				
Actual Billing Determinants: (2)	1													
Energy On-Peak	315,10	1 8,02	7 36,625	272,101	8,027	7 36,625	43,000	-	-	43,000				
Energy Off-Peak	2,650,32	8 2,011,96	3 1,362,864	2,415,328	2,011,968	3 1,362,864	235,000	-	-	235,000				
Supplemental Demand (kW)	9,00							1 -	-	- 1				
Standby Billing Demand (kW)	52,00	1	I		1		1	_	_	- 1				
Actual Standby Billing kW	17,44		1		1	1 '				_				
Supplemental Energy (kWh)	1,761,43		(' '	1	1	1			_	179,000				
Standby Energy (kWh)	1,203,99	1						1	_	99,000				
Power Factor %	67.9	1			1	1		_	_					
100011400170				1			Í		Í	i i				
Applicable Tariff Rate/Charge:														
Customer Facilities (\$/bill)	1,02						-	-	-	-				
Supplemental Demand (\$/kW-mo)	1.4	5 1.4.	1.45	1 45	1.45	1 45	-	-	-	-				
Stand-by Demand (\$/kW-mo)	0.9	5 09:	0 95	0 95	0.95		-	-	-	-				
Bulk Transmission Reservation (\$/kW-mo)	0.0	9 0 09	0 09	0.09	0.09	0.09	-	-	-) - I				
Bulk Transmission Demand (\$/kW-day)	0.0	3 0 0	0.03	0 03	0.03	0.03	-	-	-	-				
Supplemental Energy (¢/kWh)	1 07	8 1 078	1 078	1 078	1.078	1.078	-	-	-	- 1				
Standby Energy (¢/kWh)	0.96	1 0.96	0.961	0 961	0 961	0.961	-	-	-	- [
Metering Level Discount (% of D&E charges)	i	1	1	1	1	i	-		-	- [
Transformer Ownership Disc. Supp. (\$/kW-mo)	0.2	3 0 23	0.23	0.23	0.23	0 23	_	-	-	- 1				
Transformer Ownership Disc. Studby. (\$/kW-mo)	0.21	0 0 2 1	0.21	0 21	0 21	0 21	-	_	-	- 1				
On-Peak Fuel Charge (¢/kWh)	3 84		į.	3 845	3 845	1	-	-	_	- 1				
Off-Peak Fuel Charge (¢/kWb)	2.28				2 289	1		-	-	- 1				
Energy Conservation Charge (¢/kWh)	0.02			•	0 029	1	_	_	-	- 1				
Capacity Charge (¢/kWh)	0.01	ī	1	l .	0.015	0.015	_	_		_ [
Environmental Cost Recovery Charge (¢/kWh)	0 15				0.159		l -	_	_					
Refund (¢/kWh)	1	1	-		-			_	_					
Flonda Gross Reciepts Tax (%)	2.564	2 5641	2.5641	2.5641	2.5641	2.5641	_	_	-	_				
, , ,	1							1	1					
Actual Charges : (3)														
Customer Facilities Charge	\$ 1,02.				\$ 1,025		\$ -	- \$	- \$	\$ -				
Supplemental Demand	\$ 13,05				\$ 12,953		\$ -	\$ -	\$ -	\$ -				
Stand-by Demand	\$ 49,400		1	\$ 49,400	\$ 49,400	1	s -	\$ -	\$ -	S -				
The greater of: Bulk Transmission Reservation, or	\$ 4,680		1 '	\$ 4,680	\$ 4,680		\$ -	5 -	\$ -	S -				
Bulk Transmission Demand	\$ 523	\$ \$ 304	\$ 429	\$ 523	\$ 304	\$ 429	ľ	1						
Supplemental Energy	\$ 18,98	3 \$ 11,321	\$ 5,993	\$ 17,059	\$ 11,321	\$ 5,993	\$ 1,930	\$ -	\$ -	\$ 1,929.62				
Standby Energy	\$ 11,570	\$ 9,320	\$ 8,107	\$ 10,619	\$ 9,320	\$ 8,107	\$ 951	\$ -	\$ -	\$ 951.39				
On-Peak Fuel	\$ 12,110	\$ 309	\$ 1,408	\$ 10,462	\$ 309	\$ 1,408	\$ 1,653	- \$	s -	\$ 1,653.35				
Off-Peak Fuel	\$ 60,660	\$ 46,054	\$ 31,196	\$ 55,287	\$ 46,054	\$ 31,196	\$ 5,379	s -	S -	\$ 5,379.15				
Energy Conservation Charge	\$ 860		\$ 406	\$ 779	\$ 586	\$ 406	\$ 81	\$ -	s -	\$ 80.62				
Capacity Charge	\$ 445	I	\$ 210	\$ 403	\$ 303	\$ 210	\$ 42	\$ -	\$ -	\$ 41.70				
Environmental Cost Recovery Charge	\$ 4,715	1 .	\$ 2,225	\$ 4,273	\$ 3,212	\$ 2,225	\$ 442	\$ -	\$ -	\$ 442.02				
Transformer Discount	\$ (12,990	1		1	\$ (12,975)	· /	\$ -	s -	s -	\$				
Meter Level Discount	\$ (977				\$ (877)		-	\$ -	s -	\$ (28.81)				
Power Factor Adjustment +/- (4)	\$ 2,737	\$ 1,415	1,308	\$ 2,480		\$ 1,308	\$ 257		10	37 ` 'I				
Refund	s 2,737	\$ 1,413	\$ 1,300	\$ 2,480	\$ 1,415 \$ -			\$ -	-	\$ 256.57				
Florida Gross Receipts Tax	\$ 4,264	\$ 3,249	I i	1 '		\$ -	\$ -	\$ -	\$ -	\$ -				
Total Electric Charges	\$ 170,551	\$ 129,975		\$ 3,989 \$ 159,571	\$ 3,249 \$ 129,975	\$ 2,576 \$ 103.032	\$ 275	<u>s</u>	\$	<u>\$ 274.50</u>				
- ···· •·· •	1,0,551	127,773	W 103,032	7/ د,ود ۱	φ 129,973	\$ 103,032	\$ 10,980	\$ -	-	\$ 10,980.11				
Percent of Total Bill	l	1	1				6 4%	0.0%	0.0%	2.7%				

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Hourly Summary

April 2001 Hour Ending

DATE	1.00	2.00	3:00	4.00	5:00	6.00	7.00	8:00	9:00	10:00	11.00	12:00	13:00	14:00	15:00	16:00	17:00	: 18:00	19:00,	20:00	21.00	22:00	23:00	24.00	Sum
-		 ()	 O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	o	0	0	0	0	0	0	0					i yang					0	0	0
3	0	0	n	0	0	0	0	0	0	0	0	0	0	0				de la les			0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		地震 到	Storie		10	0	0
8	0	0	0	0	0	0	0	. 0	0	i i i i i i i i i i i i i i i i i i i		4640													0
10	0	0	0	0	0	0	0	0	0	()	0		10	11	(17)	1. 12				4-1-14	分為數			0	32
10	0	0	0	0	0	0	0	0	0	0	0	0				12.19								7	7
11	U Grandwicze	U Marie	u Serringan			2747-151	0	0	0	0	0	0		5	5	5	5	5					4	1	69
12							4 1				5	5	5	1	5	4	2	I					0		59
13							4	()	()		0	0				4.70	f in					0	0	0	28
14							0	0	0	0	0	0	0	0	0			0	0	0	0	0	4		24
15							i i i i i i i i i i i i i i i i i i i	·建築力	0	0	0 8	1. 2.	214.63	24	0				$-\frac{1}{2}$	0	0	0			45
16								0 0	Ī	0	0 =	<u>Araseksaha</u> O	0			100					0	0_	0	0	20
17		0	0				0	0	0	0	0	0	0	0	0	()	0	0	0	0	0	0 🖁	171		5
18	U	U						7 J. 4				0	0	0	0	0	0	0	0	0	0	0	0	0	33
19					0	0	0	0	数型数 を 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0			170	5.00		# 10°		计学的					1 2	0	0
21	0	0	0	0	0	0	0	0	0	0		i j						0.0						0	0
22	0	0	n	0	0	0	0	0	0	()	0	0		11.0								0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	Fig. (6)	16	57 16	157	5116	0	0	0	93
25	0	·		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0		0	0	0	0	0	0	0	0	0 🖁	公共 为国	8.2		GF 49.	8 16.5	10.0	95	10	575	0	0	72
27	0	0	0	0	0	0	0	0	0	0	0	0	1110	102	10	3 AT		1 1 5	13.55	51			7.14	0	78
28	0	0	0	0	0	0	0	0	0	0	0	o	145	5 14 E			1 13		13				0	0	139
29	0	0	0	0	n n	0	0	0	0	0	0	o.	12			The last			14	790	1215			0	153
30	U	U	U	U	U	Ū	U	v	J	0	v	J			建设地	经验的							er eres en		AST THE REAL PROPERTY.

58.3% Off-Peak Wheeling

41.7% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Total MWH =

857
Tariff-Defined Peak Hours

May 2001 Hour Ending

DATE	1:00	2.00	3:00	4:00	5,00	6.00	7.00	8 00	9:00	10:00	11 00	12.00	13:00) -14;00) -15:00	0 16:0	0 . 17:00	18:00	19:00	20:0 	0 21:00	22.00	23:00	24:00	Sum
ı	0	0	0	0	0	0	0	0	0	0	0	0					71,2 746	Mail 10	10		10		12	0	101
2	0	0	0	0	0	0	0	0	0	0	0	0												0	128
3	0	0	0	0	0	0	0	0	0	0	0	0					4 3 2 4		0		0 0	0	0	0	85
4	0	0	0	0	0	0	0	0	0	0	0	0	() Programment) () (Santananan		THE LO	8	9		8 6			0	73
5	0	0	0	0	0	0	0	0 🗟	<u>10</u>	10	10	经过产证 理 托马												0	102 65
6	0	0	0	0	0	0	0	0	0	0	0	0												0	37
7	0	0	0	0	0	0	0	0	0									BARRATIO						0	152
8	0	0	0	0	0	0	0 🖁	公园9 5	1979 P	35.0										i.				0	114
9	0	0	0	0	0	0	0	0	0	0							Element of	建艺术 0						0	63
10	0	0	0	0	0	0	0	0	0	0	0	0	0					0			0 0	0	3	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0				′ ــــــــــــــــــــــــــــــــــــ	0	•		0 0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0				<u> </u>	0	j		0 0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0				<u>آ</u>	0	0		0 0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	C						####9		03 310	0	0	0	55
15	0	0	0	0	0	0	0	Ů	0 🛭	3434		300 H 54			J			0	1		81 0	0	0	0	43
16	0	0	0	0	0	0	0	0	0	2个10台经数 ()	0 0	0	(1946) (1) (3		0	0	0		0 0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0 5	4* *: ** 18 * 18 *** *** **	3.5	14.156		1 :	5		0		0 0	0	0	0	26
18 19	0	0	0	0	0	0	0 €	T-1802 E	2.5	2		300					The state of					0	0	0	18
20	0	0	0	0	0	0	0	130111812111 0	TENTE O	o watera ()	0	0	0		minera () (0	0	0	eren eren eren.	0 0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	. () (0	0	0		0 0	1	0	0	1
22	0	0	0	0	0	ō	0	0	Ú	0	0	0	0	0	() (0	0	0		0 0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(क्षी के स			0	0	0	0	0
24	0	0	0	0	0	0 🎘	洲0 数	3310 F	110	129.	110	源10	0	0	((ial		0	0	0	0	59
25	0	0	0	0	0	0	0	0	0	0	0	0	0			情情点					0 0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0						0	1	0 0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C		-17		0		0 0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0								0 0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0							رام الدارة ا	eta a production	U	0	0 0	0
30	0	0	0	0	O	0	0	0	0							10 5 00 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								·	
31	0	0	0	0	0	0	0	0	0	0	0	0										0	0	0	
	41.3% C					58.7% O	•	Wheelin		^o urchases	ı	(Overlap	of SSW a	nd OP Pı	nchase		Actual Pe			MWH =	1,125	auiff-Defi	ined Peak	Hours

June 2001 Hour Ending

ATE	1:00	2.00	3:00	4.00	5.00	6:00	7:00	8:00	9.00	10:00	11:00	12:	:00 - 13	3:00 14	4:00 1	5:00	16:00	17:00	.18:00	19:00	20:00	21,00	22:00	23:00	24.00	Sum
1	0	0	0	0	0	0	0	0	0	0	0		0 300	13	£.2 ;	38										28
2	0	0	0	0	0	0	0	0	0 🖁		5. 15.5		515		4	2	3	3	3	3	3	5			0	51 25
3	0	0	0	0	0	0	0 🖁	5		M. 15	4 5		5	0	9							0	()	() ************************************	0	82
4	0	0	0	0	0	0	0	()	5,4	F-1-34	3:		4.5	5	5	5	4	6	7					0	0	92
5	0	0	0	0	0	0	0	0	0	0	7		7	9		20 1	10			0	0	0		0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	75.56	0 ::::::::::::::::::::::::::::::::::::	0 स्टास्टरास्ट	0	0 \$\$\$\$0 \$\$	0 22 224 8 1 8	() ************************************	0 Salakan		0	MC SES		0	0	73
7	0	0	0	0	0	0	0	0	0	0	27			-10	10,	10					W 1246		9	0	0	72
8	0	0	0	O	0	0	0	0	0	0	0												5	0	0	55
9	0	0	0	0	0	0	0	0	0	0	0				0	0		運動制度	0	通過 0	0		0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0		() References	0		v (1) [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	now mends work to the	高的原源的名				1 3		0	0	24
11	0	0	0	0	0	0	0	0	0	0	0	22/2/6/27					12 P. C.	* 161	地震なっ			0		3.43	0	24
12	0	0	0	0	0	0	0	0	0	0	0	Bi-Siese		3	3	建美國	2	理論 2	<u> </u>	2	1		2	0	0	18
13	0	0	0	0	0	0	0	0	0	0	0						1	_[2	1	2	3	3	3	0	0	15
14	0	0	0	0	0	0	0	0	0	0	0		()	14	13	11	7	5	3		56		1 192		0	89
15	0	0	0	0	0	0	0	0	0	0			0 555		12	13	13	12	13	13	13	14	14	0	0	117
16	0	0	0	0	0	0	0	0	0	0	0	ESTRETES E	25年		5	5	5	5	4	75.245		4145	15	1,715	0	59
17	0	0	0	0	0	0	0	0	0	0	0			61	7	1 6	£ 106	5		3	2		25.4	100	0	56
18	0	0	0	0	0	0	0	0	0	0	0		10	8 8	7	5	7	8	7	7		. 78	75 = 40	1.0	0	95
19	0	0	0	0	0	0	0	0	0	0	0			0	0	1	7	6	8	8	8	324.8	77. 9	10	0	66
20	0	0	0	0	0	0	0 🕏	8	18.	8	8		9	6	6	10	10	5	10	9	9	9	9-	10.	0	134
21	0	0	0	0	0	0	0	8	8	8	<u> </u>		9	10	10	10.	. 15	- 14	10		11 11 9	1 2		19	0	159
22 23	0	0	0	0	0	0	0	10:	10	10	9		10	105	10	10	10	7.10		10	10	8	8		0	154
23 24	0	0	0	0	0	0	0 8	10.	10.	10	59		10	10	10	10	10	10	9	10	10		10 8		0	158 0
25	0	0	0	0	0	0	0	. 0	0	0	0	u	0	0								0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0		0	0							0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0		0					0	0	0			では影響	0	0	62
28	0	0	0	0	0	0	0	0	0	0	0	Andrews	0 網網	11	GIO E			0 			n managaran Tanggaran		加强的新 有	0	0	85
29	0	0	0	0	0	0	0	0	0	0	0			12		(4.0°)		遊響					,	-	0	15. 12. 25. 15. 15. 15. 15. 15. 15. 15. 15. 15. 1
30	0	0	0	0	0	0	0	45	554	3	3		41	0		細门	1 2 -	84		100			0	0	*	
	55.3% (Off-Peal	(Wheel	ing		44.7% (On-Peak	Wheeli	ing												Total M	WH =	1,856			House
HT CAR	H	lours of S	elf-Servi	ce Wheeli	ng	H	Iours of C	ptional P	Tovisiou	Purchase	es		Ove	rlap of SS	SW and C	P Purcl	hase		Actual P	eak Hour	of Day			Tatiff-De	tined Peak	Hours

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

ORIGINAL

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

December 10, 2001

HAND DELIVERED

Ms. Blanca S. Bayo, Director Division of Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850 RECEIVED-FPSC OLDEC TO PH 3: 28

Re: Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report (Quarter 3 2001) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

√ JDB/pp Enclosures

APP

DMP

DOM DTR EGR

_EG

SEC

Vames D. Beasley

QXM PECCEDS

DOCUMENT NUMBER-DATE

15400 DEC 10=

Self-Service Wheeling Experimental Program – Mid-Point Summary

This filing of the Self-Service Wheeling Report for Quarter III, 2001 marks the mid-point of Tampa Electric Company's two-year experimental program on self-service wheeling with customer participant, Cargill Fertilizer, Inc. During this one-year period both Tampa Electric and Cargill have obtained valuable knowledge regarding the impacts of this program on the respective operations of each. Much of the information gained so far has been provided in the quarterly self-service wheeling reports that identify impacts on other ratepayers, the participating customer's electric bill, and system reliability.

During the program's first year, monthly results indicating the impact on other rate payers have varied as customer operations, the company's operating reserve capacity, and market conditions have varied. As might be expected, the program provided the greatest benefit to other retail ratepayers under three concurrent conditions: on-peak hours, capacity shortfall for Tampa Electric, and capacity-tight market. Conversely, negative impact occurred primarily under the two concurrent conditions: off-peak hours and periods when the customer under-delivered scheduled MW's. It has also been discovered that a change in any one variable of a set can produce dramatic changes in the results. Although there have been positive results for other ratepayers in certain months, the net impact over the period is a cost of \$23,103.²

The program has had a positive impact on Cargill's electric bill in every month that selfservice wheeling was exercised. Thus far, the impact on Cargill's electric bill is a savings of \$313,285. The sum of Cargill's TECO electric bills for the period was \$4.5 million.

Self-service wheeling's impact on Tampa Electric's system reliability is negligible due to the program's small scale and the uncertain nature, in terms of the firmness and the quantity, of the additional capacity freed-up by the program.

Both the customer and company agree that during the first year the dollar impact to other ratepayers has been small and not significant.

Tampa Electric and Cargill communicate often regarding the program, identifying the drivers of the results and discussing the methodology/philosophy for calculating impacts to other ratepayers. There continue to be topics related to the methodology and philosophy of assessing the impact to the general body of ratepayers where company and customer opinions are still evolving.

As conditions change the program is tested and flaws/weaknesses in both the program and reporting methodology have surfaced. One such revelation prompted the current change in methodology of capturing costs/benefits whereby self-service MW's wheeled during hours of optional provision purchase are excluded from the total MWH of self-service wheeling when assessing ratepayer impact.

² This impact is comprised of immediate (fuel and other recovery clauses) and deferred (base rate) impacts of \$55,633 and \$(78,736), respectively CONFIDENTAL

Cargill concludes that specific customer and ratepayer benefits from self-service wheeling are not captured in the current reporting methodology. These unreported benefits are identified by Cargill as follows:

- the positive impacts to other interruptible customers during times of optional provision purchases;
- the increased efficiency, reliability and stability of Cargill's operations which in turn result in a positive economic impact on Cargill's customers;
- the societal benefit associated with promoting conservation efforts and waste heat recovery/combined heat and power; and
- the positive impact on system reliability from freeing-up additional MW's in Tampa Electric's service territory during times of capacity shortfall.

Tampa Electric will continue to work with Cargill in resolving program issues and in determining whether this experimental program should become a permanent offering given data results and customer feedback.

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW*, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

* SSW energy occurring during hours of optional provision purchase is excluded from the actual energy reduction amount in the Ratepayer Impact Section of this report. Lost revenues and avoided fuel expense are not applicable to this energy as it would have otherwise been served through optional provision purchases and not by Tampa Electric.

Section 1

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - 3rd Quarter 2001 Self Service Wheeling Reduced by Coincident Optional Provision Purchases

	·	•	July	August	Septe mber	3rd Qtr. 2001
(1)	Actual Energy Reduction from SSW - MWH		•	-	•	•
	Cargill New Millpoint Plant (SBI-3)		177	246	115	538
	Cargill Ridgewood Master Plant (SBI-1)		268	79	30	377
	Cargill Hooker's Prairie Plant (IST-1)		0	<u>0</u>	<u>0</u>	<u>0</u>
	Total Cargill SSW		445	325	145	915
(2)	Actual SSW Under-delivered - MWH					
	Basis for Generator-to-Schedule Imbalance (GSI) Service		95	41	13	149
(3)	Revenue Gains/Losses (+/-)					
	Base Energy	\$	(4,299)	\$ (3,317)	\$ (1,542)	\$ (9,158)
(4)	Environmental Cost Recovery Charges (\$1.59/MWH)	\$	(708)	\$ (517)	\$ (231)	\$ (1,455)
(5)	Conservation Cost Recovery Charges (\$0.29/MWH)	\$	(129)	\$ (94)	\$ (42)	\$ (265)
(6)	Capacity Cost Recovery Charges (\$0.15/MWH)	\$	(67)	\$ (49)	\$ (22)	\$ (137)
(7)	Fuel & Purchased Power Cost Recovery:					
	Lost Retail Tariff Time-Of-Use Fuel Revenues	\$				
	Avoided Incremental Fuel and Purchased Power Expense	<u>\$</u>				
	Net Impact to Fuel Recovery Clause	\$				
(8)	Transmission Wheeling:					
	Schedule 8 - Non-Firm Point-to-Point Transmission Service (\$1.267/MWH)	\$	564			
	Schedule 2 - Reactive Supply (\$0.10/MWH)	\$	45	\$ 33	\$ 15	\$ 92
	Schedule 1 - Scheduling (\$0.13/MWH)	<u>\$</u>	58	\$ 42	\$ 19	<u>\$ 119</u>
	Total Transmission Wheeling	\$	666	\$ 487	\$ 217	\$ 1,370
(9)	Net GSI Service Charges	\$	137	\$ 173	\$ 41	\$ 351
(10)	Opportunity Sales	\$	749	\$ 132	\$ -	\$ 881
(11)	Refund (Not Applicable)	\$	-	\$ -	\$ -	\$
	Net Impact	\$	(6,667)	\$ (2,452)	\$ (2,676)	\$ (11,795)
	Tampa Electric Monthly Peak: Date		7/30/01	8/29/01	9/4/01	
	Hour		18:00	17:00	17:00	
	MW		3,238	3,451	3.227	

Notes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Prairie; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.
- (11) Not applicable for Quarter 3 of 2001.

Section 2

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for 3rd Quarter 2001 Before and After Self-Service Wheeling(1)

			Before SS	W_		$oldsymbol{\mathbb{L}}$		- 1	After SSW					Impa	ct of	SSW		
Hooker's Prairie (IST-1)		July	August		September		July	\perp	August	Septer	mber	July		August	I	September	Qu	arter 3
Actual Billing Determinants: (2)																		
Demand (kW)	ı	2,709	2,0	116	2,640	5	2,709		2,016		2,646	-	j	-	1	-	1	_
On-Peak Energy (kWh)		91,917	97,	564	67,72	5	91,917	ĺ	97,564	$ $ ϵ	7,725	-		-		-	[-
Off-Peak Energy (kWh)		448,119	526,:	31	460,782	2	448,119		526,531	46	0,782	-	Ì	-		-		-
Power Factor %		69 39	73	29	72.40)	69.39		73.29		72.40	-		-		-		-
Applicable Tariff Rate/Charge:	ı																	
Customer Facilities (\$/bill)		1,000	1,0	000	1,000)	1,000		1,000	Í	1,000	-		-	1	-	1	-
Demand (\$/kW-mo)		1.45	1	.45	1.45	5	1.45		1.45	1	1.45	-]	-		~	1	-
Energy (¢/kWh)	1	1.078	1.0	78	1.078	3	1.078		1.078		1.078	-		-		-	1	-
Metering Level Discount (% of D&E charges)	}	1	j	i	1		1	1	1		1	-	1	-	1	-	1	-
Transformer Ownership Discount (\$/kW-mo)		0 23	0	.23	0.23	3	0.23	1	0 23		0.23	-		_		-	1	-
On-Peak Fuel Charge (¢/kWh)		3 845	3.8	45	3.845	5	3.845	1	3.845		3.845			-		-	1	-
Off-Peak Fuel Charge (¢/kWh)	1	2.289	2 2	89	2 289		2.289	1	2.289	1	2.289	-		-		-	jj.	-
Energy Conservation Charge (¢/kWh)	1	0.029	0.0	129	0.029) [0.029	1	0.029		0.029	- (1	-		-		-
Capacity Charge (¢/kWh)	1	0.015	0.0	15	0.015	: [0.015	1	0.015		0.015	-	- 1	-		-		-
Environmental Cost Recovery Charge (¢/kWh)	1	0.159	0.1	59	0.159		0.159		0.159		0.159	-		-		_		-
Refund (¢/kWh)	1	-] .	.]	-	1	-	1	-		-	-	ı	-	1	-	1	-
Florida Gross Reciepts Tax (%)		2.5641	2.50	41	2.5641		2.5641		2.5641	2	.5641	-		-		-		-
Actual Charges : (3)						1												
Customer Facilities Charge	\$	1,000	\$ 1,0	00	\$ 1,000	\$	1,000	\$	1,000	\$	1,000	\$ -	\$	-	\$	-	\$	-
Demand	\$	3,928	\$ 2,9		\$ 3,837		3,928		2,923		- ,	\$ -	\$	-	\$	-	\$	-
Energy	\$	5,822	\$ 6,7	28	\$ 5,697	\$	5,822		6,728	\$	5,697	\$ -	\$	-	\$	-	\$	-
On-Peak Fuel	\$	3,534	\$ 3,7	51	\$ 2,604	\$	3,534	\$	3,751	\$	2,604	\$ -	\$	•	\$	-	\$	-
Off-Peak Fuel	\$	10,257	\$ 12,0	52	\$ 10,547	\$	10,257	\$	12,052	\$ 1	0,547	\$ -	\$	-	\$	-	\$	-
Energy Conservation Charge	\$	157	\$ 1	81	\$ 153	\$	157	\$	181	\$	153	\$ -	\$	-	\$	-	\$	-
Capacity Charge	\$	81	\$	94	\$ 79	\$	81	\$	94	\$	79	\$ -	\$	-	\$	-	\$	-
Environmental Cost Recovery Charge	\$	859	\$ 9	92	\$ 840	\$	859	\$	992	\$	840	\$ -	\$	-	\$	_	\$	-
Transformer Discount	S	(623)	\$ (4	64)	\$ (609) \$	(623)	\$	(464)	\$	(609)	\$ -	\$	-	\$	-	S	-
Meter Level Discount	\$	(97)	\$ (97)	\$ (95) \$	(97)		(97)	\$	(95)	\$ -	\$	-	\$	-	\$	-
Purchased Energy	\$	679	\$ 2,4		\$ 678	\$	679	\$	2,407	\$	678	\$ -	\$	-	\$	-	\$	-
Power Factor Adjustment +/- (4)	\$	679	\$ 2,4	07	\$ 678	\$	679	\$	2,407	\$	678	\$ -	\$	-	\$	-	\$	-
Refund	s	-	\$ -		\$ -	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-
Florida Gross Receipts Tax	\$	674	\$ 8	20	\$ 652	<u>\$</u>	674	\$	820	\$	652	\$	\$_		\$		\$	
Total Electric Charges	\$	26,948	\$ 32,7	95	\$ 26,062	\$	26,948	\$	32,795	\$ 20	5,062	\$ -	\$	-	\$		\$	
Percent of Total Bill		,										0.0	%	0.0%		0.0%		0.0%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Millpoint Plant

Billing Components for 3rd Quarter 2001 Before and After Self-Service Wheeling^(t)

			Before SSW			I		A	fter SSW						Impa	ct of S	SW		
New Millpoint (SBI-3)	July		August	\mathbf{L}	September		July	Ī	August	Γ	September		July		August	Sep	tember	I	Quarter 3
Actual Billing Determinants: (2)				Т		Т		T								1			
Energy On-Peak	724,	88	364,600		205,065	:]	523,588		200,600		199,065	1	201,000		164,000	l	6,000		371,000
Energy Off-Peak	1,931,8	92	536,477	1	1,244,745		1,767,892		506,477	1	1,233,745	1	164,000	- [30,000	1	11,000	11	205,000
Supplemental Demand (kW)		.]	´-	1	, , <u>, </u>			1	· <u>-</u>		, ,	1	´-	1	´-	1	<i>-</i>	ij.	´-
Standby Billing Demand (kW)	36,9	87	36,987	1	36,987		36,987		36.987	ı	36,987	1	-		-	ı	-	1	_
Actual Standby Billing kW	186,1		97,864	4	66,131		186,108	ŀ	97,864	İ	66,131		_		-	1	-	1	-
Supplemental Energy (kWlı)	, i	. /		1	-	1		1	´-	1	´-	ł	-		_	1	-	11	-
Standby Energy (kWh)	2,656,4	80	901,077	1	1,449,810		2,291,480	1	707,077	1	1,432,810	1	365,000	1	194,000		17,000	1	576,000
Power Factor %	77		68.25	1	82 29	1	77 83		68.25		82.29		-		-		´-		-
Applicable Tariff Rate/Charge:		Ì																	
Customer Facilities (\$/bill)	1,0	25	1,025	1	1,025	1	1,025	1	1,025		1,025	1	-	1	-	l	-	1	_
Supplemental Demand (\$/kW-mo)	1	45	1 45]	1 45		1 45	1	1.45	ļ	1.45	ı	-		-	ĺ	-	-	-
Stand-by Demand (\$/kW-mo)	0	95	0 95	1	0 95	i.	0.95		0 95	1	0.95		-		-	ĺ	-	ï	-
Bulk Transmission Reservation (\$/kW-mo)		09	0 09		0.09		0.09		0 09	1	0.09	1	-		-		-		-
Bulk Transnussion Demand (\$/kW-day)		03	0.03		0.03	ĺ	0.03	1	0 03	1	0.03	1	-	1	-		-	1	~
Supplemental Energy (¢/kWh)	1.3	- 1	1.327		1.327	1	1 327	1	1 327		1.327	1	_			1	-	l	-
Standby Energy (¢/kWh)	0.9	- 1	0.961	1	0.961	1	0 961		0.961	ł	0,961	1	-	1		l	-	ll .	_
Metering Level Discount (% of D&E charges)	1	il	1		1	1	1		1		1	1	_		-	1	-		-
Transformer Ownership Disc. Supp. (\$/kW-mo)	0.	23	0.23		0 23	1	0.23		0.23	l	0 23	1	_		-	1	_	J)	~
Transformer Ownership Disc. Studby. (\$/kW-mo)	ő	- 1	0.21	1	0.21	1	0.21		0.21	Į	0 21	1	_				_	ll .	-
On-Peak Fuel Charge (¢/kWh)	3.8		3 845	1	3.845	1	3 845	1	3,845		3.845	}	_	1	_	1	-	1	-
Off-Peak Fuel Charge (¢/kWh)	2.2		2.289	1	2.289		2.289	1	2.289		2.289	1	-			1	-	1	_
Energy Conservation Charge (¢/kWh)	0.0	- 1	0 029	1	0.029	1	0.029	1	0 029	1	0.029	Ì	_	1	_	1	_		_
Capacity Charge (¢/kWh)	0.0	,	0.015	1	0.015		0 015		0.015		0.015	1	-	1	_		_	1	_
Environmental Cost Recovery Charge (¢/kWh)	0.1	- 1	0.159	1	0.159	1	0.159		0 159		0.159	1	_		-		_	1	_
Refund (¢/kWh)	,	" [0.155	ĺ	-		-	1	-	1	-		-		_		_	1	_
Florida Gross Reciepts Tax (%)	2.56	41	2.5641		2.5641		2 5641		2.5641		2.5641		-		-		-		-
Actual Charges : (3)				İ															
Customer Facilities Charge	\$ 1,0	25	\$ 1,025	\$	1,025	\$	1,025	\$	1,025	\$	1,025	\$	-	\$	-	\$	-	8	-
Supplemental Demand	\$ -		\$ -	\$	· -	\$	´-	\$	· -	\$		\$	-	\$	-	\$	-	\$	-
Stand-by Demand	\$ 35,1	38	\$ 35,138	\$	35,138	\$	35,138	\$	35,138	\$	35,138	\$	-	\$	_	\$	_	8	-
The greater of: Bulk Transmission Reservation, or	\$ 3,3		\$ 3,329	18	3,329	ls.	3,329	\$	3,329	\$	3,329	\$	-	\$	-	\$	-	s	-
Bulk Transmission Demand	\$ 5,5		\$ 2,936	15	1,984	\$	5,583	\$	2,936	\$	1,984	1 8	_	\$	-	\$	-	8	-
Supplemental Energy	S -		\$ -	\$	-7	S	· _	S	·_ !	\$	´-	\$	-	\$	-	5		\$	_
Standby Energy	\$ 25,5		\$ 8,659	18	13,933	18	22,021	\$	6,795	\$	13,769	\$	3,508	\$	1,864	\$	163	\$	5,535
Ou-Peak Fuel	\$ 27,8		\$ 14,019	\$	7,885	S	20,132	S	7,713	\$	7.654	1 \$	7,728	15	6,306	\$	231	s	14,265
Off-Peak Fuel	\$ 44,2		\$ 12,280		28,492	ı	40,467	\$	11,593	\$	28,240	\$	3,754	\$	687	\$	252	\$	4,692
Energy Conservation Charge			\$ 261	S	420	8	665	\$	205	\$	416	\$	106	\$	56	\$	5	\$	167
Capacity Charge			\$ 135	\$	217	\$	344	\$		\$	215	\$	55	\$	29	\$	3	s	86
Environmental Cost Recovery Charge	\$ 4,2		\$ 1,433	\$	2,305		3,643		1,124	\$	2,278	\$	580	\$	308	\$	27	\$	916
Transformer Discount		57)			(7,767)		(7,767)		(7,767)		(7,767)		-	\$	-	\$	_ `	\$	-
Meter Level Discount	- (,,	′ 1	\$ (471)	١	(523.99)	\$	(627)		(453)	-	(522.36)		(35)	1 -	(19)	\$	(2)	S	(55)
Purchased Energy	\$ 4,83	′1			5,986 35	1 \$		\$	4,534		5,589.35	s	743	\$	1,752	\$	397	\$	2,892
Power Factor Adjustment +/- (4)	\$ 99	- 1	•	 \$	205	\$	<i>'</i>	\$	638	s	203	\$	137	\$	175	\$	2	s	314
Refund	\$ -			\$	-	\$	-	\$	-	\$	-	\$	-	5	-	\$	- 2	\$	-
Florida Gross Receipts Tax	\$ 3,64	15 5	1,927	\$_	2,324	\$	3,220	\$_	1,641	\$	2,297	\$	425	\$	286	\$	28	\$	739
Total Electric Charges	\$ 145,78			\$	92,969	\$	128,784	\$	65,621	\$	91,863	\$	17,001	\$	11,445	\$	1,106	\$	29,551
Percent of Total Bill				ĺ									11.7%		14.9%		1.2%		9.4%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Plant

Billing Components for 3rd Quarter 2001 Before and After Self-Service Wheeling (1)

			Before SSW				After SSW				Imp	act of	SSW	· · · · · · · · · · · · · · · · · · ·
Ridgewood Master (SBI-1)	July		August	September	July	y	August	Se	ptember	July	August		September	Quarter
								1	- 1					
Actual Billing Determinants: (2)	119,	167	85,497	81,905	1 1	101,467	75,497	,	81,905	18,000	10,0	00	-	1 2
Energy On-Peak			· · · · · ·	3,056,043		541,194	2,524,014	4	2,905,043	107,000	171,0	00	151,000	42
Energy Off-Peak	1,648,		2,695,014			10,370	8,361	1	7,420	-	-		-	
Supplemental Demand (kW)	10,		8,361	7,420	1		52,000		52,000	_	_	ł		
Standby Billing Demand (kW)	52,	1	52,000	52,000		52,000	,		36,323	_	_	ł	_	
Actual Standby Billing kW	13,)91	22,304	36,323	1	13,091	22,304		,	19,000	166,0	20	139,000	32
Supplemental Energy (kWh)	1,219,	144	1,628,709	1,844,921	,	200,144	1,462,709		1,705,921	,	15,0	ī	12,000	13
Standby Energy (kWh)	548,	517	1,151,802	1,293,027	4	442,517	1,136,802	1	1,281,027	106,000	!	~	12,000	•
	60	.08	60 09	61.81	1	60 08	60.09)	61.81	-	-		-	
Power Factor %						ļ								
Applicable Tariff Rate/Charge:		ł			1		1.00	.	1,025				-	
Customer Facilities (\$/bill)	1,)25	1,025	1,025		1,025	1,025	1		_		- 1	_	
Supplemental Deniand (\$/kW-mo)	- (.45	1.45	1 45		1 45	1.45		1.45	-	1			
	i i	.95	0.95	0.95		0.95	0.95		0.95	-	·	ļ	-	
Stand-by Demand (\$/kW-mo)	1	.09	0 09	0 09	l	0 09	0.09		0.09	-	-		-	
Bulk Transmission Reservation (\$/kW-mo)	1	.03	0 03	0 03	1	0 03	0.03	3	0 03	-	-		-	
Bulk Transmission Demand (\$/kW-day)		078	1 078	1.078	1	1.078	1.078	3	1.078	-	-		-	ŀ
Supplemental Energy (¢/kWlı)	1	961	0.961	0.961	1	0 961	0.96	1	0.961	-	-	-	-	
Standby Energy (¢/kWh)	1 "	701	0.501	1		1		1	1	-	-		-	ļ
Metering Level Discount (% of D&E charges)		1	0 23	0 23	1	0 23	0.2	, [0.23	-	-		-	
Fransformer Ownership Disc. Supp. (\$/kW-mo)		23		0 23	1	0 21	0.2	1	0.21	-	-	- 1	-	ļ
Transformer Ownership Disc. Studby (\$/kW-mo)		210	0 21	i e	1	3 845	3,84	1	3.845	_	-		-	
On-Peak Fuel Charge (¢/kWh)		845	3.845	3 845	1	1	2 28	i	2.289	_	-	j	-	
Off-Peak Fuel Charge (¢/kWh)		289	2.289	2 289	1	2.289	0 029		0.029	_	_	- 1	•	
Energy Conservation Charge (¢/kWh)	0.	029	0 029	0.029		0 029		1			_		_	
Capacity Charge (¢/kWh)	0.	015	0 015	0.015		0 015	0.01:	i i	0 015	-			_	
Environmental Cost Recovery Charge (¢/kWh)	0,	159	0 159	0 159	ì	0 159	0.15	'	0 159	-				l
		-]	-	-	İ	-	-		-	-	-	- 1	_	
Refund (¢/kWh)	2.5	641	2.5641	2.5641	ı	2.5641	2 564	1	2.5641	-	i -		-	
Flonda Gross Reciepts Tax (%)					1			1						
Actual Charges : (3)	i	- }			1	1 025	\$ 1,02	5 s	1,025	\$ -	 s -	\$	-	s
Customer Facilities Charge	\$ 1,	025 3	\$ 1,025	\$ 1,025						\$ -	-	\$	_	s
Supplemental Demand	\$ 15,	037 3		\$ 10,759		′ 1	\$ 12,12		10,759		s -			18
Stand-by Demand	\$ 49,	400 3	\$ 49,400	\$ 49,400			\$ 49,40		49,400	\$ -	\$ -	s		s
The greater of: Bulk Transmission Reservation, or	\$ 4,	680	\$ 4,680	\$ 4,680	\$, I	\$ 4,68		4,680	\$ -	-			1
Bulk Transmission Demand	S	393 3	\$ 669	\$ 1,090	\$		\$ 669		1,090		, , ,		1,498	5
		142	\$ 17,557	\$ 19,888	s		\$ 15,76		18,390	\$ 205	\$ 1,7			s
Supplemental Energy		271 :	\$ 11.069	\$ 12,426	S	4,253	\$ 10,92		12,311	\$ 1,019	1 ~	44 \$		s
Standby Energy		594	- ,	\$ 3,149	\$	3,901	\$ 2,90	3 \$	3,149	\$ 692	1 *	85 \$		II -
On-Peak Fuel		727		\$ 69,953		35,278	\$ 57,77	5 \$	66,496	\$ 2,449	\$ 3,9			
Off-Peak Fuel		513		\$ 910		476	\$ 75	4 \$	866	\$ 36	-	52 \$		\$
Energy Conservation Charge	1 '		\$ 417	\$ 471	1	- 1	\$ 39	o s	448	\$ 19	\$	27 \$		\$
Capacity Charge	1 '	- 1	7	\$ 4,989		i	\$ 4,13	3 S	4,749	\$ 199	\$ 2	88 \$	240	\$
Environmental Cost Recovery Charge		811		1 -		, ,	\$ (12,84)		(12,627)	\$ -	 \$ -	\$		\$
Transformer Discount	, ,	305)					\$ (92)		(955)	\$ (12)	s (19) \$	(16)	\$
Meter Level Discount		875)		,			\$ 1,65		536	\$ -	s	´ I .	562	\$
Purchased Energy	\$	11 3		\$ 1,098	1	· · · · · · · · · · · · · · · · · · ·		1			1		197	s
Power Factor Adjustment +/- (4)	\$ 2,	513 5	\$ 3,951	\$ 4,092		2,335	\$ 3,69		3,895	\$ 178	[]	57 \$		II -
Refund	\$		\$ -	\$ -	\$	-	\$ -	\$	-	\$ -	\$ -	, 4		\$
Florida Gross Receipts Tax	\$3,	149	\$ 4,05 <u>9</u>	\$ 4,340	<u>s</u>	3,026	\$ 3,88		4,183	<u>\$ 123</u>		75 \$	157	<u> </u>
Total Electric Charges	\$ 125,		\$ 162,348	\$ 173,582	\$	121,050	\$ 155,33.	5 \$	167,306	\$ 4,907	\$ 7,0	13 \$	6,276	S 1
	ĺ	-			1					2.02		,,,	3.6%	
Percent of Total Bill	1	•		l	1	- 1		í		3 9%	4	3%	3.0%	11

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Section 3 Hourly Summary

July 2001 Hour Ending

ΓE	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8.00	9:00	10:00	11:00	12:00	13:00	- 14:00	15:00	16:00	17:00	18:00	19:00	20:00	. 21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0 4	- UKE <i>T</i> E	学校9 层	表 [1 8]	E 9.	8-	1216	6	3125	1575	營業4	A 142		4	6	0	0	0	84
2	0	0	0	0	0	0	$0\frac{5}{2}$	ペール ディディー	8	5.5	4 6	5.75	4	5 6 12	5	6	7	7	8	6 9	5		0	0	93
3	0	0	0	0	0	0	0 17	6	6	5.	2.	5.	學。19	E 112	6	5	4	7	7 }	9			拉斯 列	0	109
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	()	0	0	()	0	0	0	0	0	0
7	0	0	0	0	0	0	0	υ	0	0	0	0 \$		161						U	U	0	0	0	0
8	0	0	0	0	0	0	0	. 0	0	0	0	0							0		0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	()	0	0	0[0	0	0	0	0	0	0	0
10	0	0	0	0	U	0	0	0	0	0	ez		CONTRACTOR OF STREET	U Seeses	10.75.70	0						0	0	0	56
11	0	0	0	0	0	0	0	0	0	0	0	0 1	- 8		8	8.	$\tau \in \mathcal{T}$				100年2月	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	U &		8		Λ 1	()	0	()	0	0	0	0	0	23
13	0	0	0	0	0	0	0	0	0	0	0	0 (© ₹ ₃ 9.2° 0	0. 10	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	lo	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0 🖁			[[] [] [] [] [] [] [] [] [] [] [] [] []	0	υľ	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0) 1975 – 2014 1975 – 2014	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0 0	0	0	0	0		7.7.3	-	高重 7 章	ilē Ji	0	0	0	0	0	0	0	0	0	0	0	0 (4	32
19	0	eserante est	######################################	5274-3		\$134 4 55	35341	9 gazantan. 0		,r-r_e,e,;r-e,∈ 0	0	$0.5^{\frac{7}{2}}$	SEAST.	32.73	0	0	0	0	0	0	0	0 {	343	典學者	43
20 21	10 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 5 4 5 5 4 5 5 6 5 6	4. 1.4.	ALTERIATION	1.4	14. A.	4	0	0	0	0	0	οĎ	0	0	0	0	0	0	0	0	0	0	0	0	24
22	O September	() 紀第四点於他	(1) (1) (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	_		WENT IN	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 or	0	U	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	()	()	υL	0	U	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	の記念を表	0	V September	U	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0						^	n n	0	0	0	ő	Ŏ	
31	0	0	0	0	0	0	0	0	0	0	0	0 3	15712" 16712"		1927		0]	0	U	U Total M	WH=	490	U	U	ල්
	54.7% C	ff-Peal	Wheel	ing		45.3% O	n-Peak	Wheeli	ng																
	H	ours of S	elf-Servic	e Wheelir	ng	Ho	ours of O	ptional Pr	ovision P	urchases'		()verlap o	f SSW an	d OP Puro	hase [Actual Pea	ık Hour o	of Day			Гa⊓ff-Def	ined Peak	How
																									<u> </u>

August 2001 Hour Ending

ſΈ	1:00	2:00	3:00	4:00	5:00	6.00	7:00	8.00	9:00	10:00	11:00	12:00	- 13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 ********	() English	0
3	0	0	0	0	0	0	0	0	0]	4.	S. 7.8	9	\$ 1.2	9.	15.59	0	0	0	0	0	0			超到到	51
4		4	0	0	0	0	0	0	0	0	0	0	0	0	()	()	0	0	()	0	0	0	0 1. 1.23	U FREEDRIES	8 6
5	0	0	U	0	0	0	0	0	0	0	0	0	0	O			and the second			0	0	() (15 terror		10000000000000000000000000000000000000	50
6	13717.4	1.2.	2. E. 2.	型42	阿斯拉		0	0	0	0	0	0	9 AND THE ST. V.	建筑 5	- 5 -								0	0	71
7	0	0	0	0	U	U	0	0	0	0	0	0	\$4512	1 12			7 5		2	0 0	多數數數數 A	1000 A 1	0	0	0
8	0	0	0	0	0	0	0	0	0	U	0	0	O THE REPORT OF S							U Pirkuran		0	0	0	43
9	0	0	0	0	0	0	0	0	0	0	0	() 	5	高流	国民工艺		California		(1) (1) (1)	的。 0	過程を表現し	0	0	0	0
10	0	0	0	0	θ	0	0	0	0	0	0 ;		- 43 1/2 1 - 1 E	j 0	0	U		U	U	0	0		0	0	ő
11	0	0	0	0	0	0	0	O	0	0	0	0	0	()	0	4							0	0	o
12	0	0	0	0	0	0	0	0	0	0	()	()			robert M					1710		()	0	0	0
13	0	0	0	0	0	0	0	0	0	0	(0)					1		5	9	9	8	0	0	0	33
14	0	0	0	0	0	0	0	0	0	U						0	0	0	Ó	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0					<u> </u>	0	0 0	0	- 0	0	ő	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0									0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0							()	0		0	0	0	0
18	0	0	0	O	Ü	0	0	0	0	0	0								EFFECT.					0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	()	()	()	0					0	()	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0		THE O			()	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.			4.4.50	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0.74							0.0	0	0	0	0
25	0	0	0	0	0	0 0	0	0	0	0	0	0	.0		0	()	()		0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	- To				File()	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	4	4	0	0	0	0	0	22
28	0	0	0	_	0	0	0	0	0	0	0	0	0	0	0	o	13º56	5476	6	EEE GE	STEEL STEEL	13.59	5	0	51
29	0	0	0	0	0	0	0	0	0	0	0	0	15:25	3574	4.14		ago 27,	8		0	0	0	0	0	40
30	0	0	0	0	0	0	0	0	0	0	n	0	0 18 (1.3 (1.1) 2.40	0	0	()	0	0	0	0	0	0	0	0	
31	0	U	U	U	U	V	U	Ü	v	V	Ů	· ·	U	٠,		v	v			Total M	WH=	375			
	15.2% (ng 🔛	84.8% (x Wheel Optional P		Purchase:	s		Overlap	of SSW at	ad OP Pure	chase [Actual Pe				. 4.4.	Tariff-Del	fined Peak	

September 2001 Hour Ending

) Sum	24:00	23:00	22:00	21:00	20:00	19:00	18:00	17:00	16:00	15:00	14:00	13:00	12:00	11:00	10.00	9:00	8:00	7:00	6 00	5:00	4:00	3:00	2:00	1:00	ΓE
, ,	0	0	0			100		# 15 M		0	0	0	U	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0					14.0			0	0	0	0	0	0	0	0	0	0	0	0	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	3
	0	0	0	0	0	200							0	0	0	0	0	0	0	0	0	0	0	0	4
	0	0	0	0	()	0	0	0	0			4	0	0	0	0	0	0	0	0	0	0	0	0	5
	0	0	0	0		,				10.70		0	0	0	0	0	0	0	0	0	0	0	0	0	6
	0	0	0	0	0	0	()	0	0	0	12 Te	9	0	0	0	0	0	0	0	0	0	0	0	0	7
	0	0	u Sesses	O Weren	0 **********	0							0	0	0	0	0	0	0	0	0	0	0	0	8
	0	0				E LU:		9		0 5	0		0	0	0	0	0	0	0	0	0	0	0	0	9
	0	0	(大型) () ()		が過程とな 0	0	/ 3	4] 1515518161624813		0				0	0	0	0	0	0	0	0	0	0	10
	0	0	0	0	0		()					0	0	0	0	0	0	0	0	0	0	0	0	0	11
	0	0	0	0	0	0	0	0	0[0	0	0	0	0	0	0	0	0	0	0	0	U	0	0	12
, ,	0	0	0	0	0	0	0	υ <u>[</u> 0	0	0	0	0	0	0	0 . r	0	0	Ü	0	0	0	0	0	0	13
	0	0	0	0	<u>o</u> l		v Seletini	U SERVI	U	()	0		() Terresona	0	0	0	0	0	0	0	0	0	0	0	14
0	0	0	0	0				1					Service State of the service of the		0	0	0	0	0	0	0	0	0	0	15
0	0	0	0	0	()	i i i i					0		0	0	0	0	0	0	0	0	0	0	0	0	16
0	0	0	3330	1 (10)	1.70				46		0	esconson en	0	0	0	0	0	0	0	0	0	0	O	0	17
0	0	0	()		18	100			10.70						U	0 0	0	0	0	0	0	0	0	0	18
0	0	0	0			10	9 (1) (1) (1) (1) (1) (1)	15.0	- E- 0							Ĭ				ŭ	-			-	
0	0	0	0	()	10	F CA	alen a				E 191			0		- 6			_	~	-	•		~	
) 11	0	0	0	0	1.50	0		1	10	16	诗句是			o l	0	_			•	Ü	-	-		-	
0	0	0	0	161 (0)	i in	i de	100		O S		10 10				o l	0				•				•	
0	0	0	0		18							1. 10			57.25 (0)	0				*		•		•	
0	0	0	0	0									_ 10	14 (15) 15 (15)			_				-	-		-	
-	0	0	0	0	0	0_	0	0	0	()	0	0	() ()	0	0		_		-		_				
	0	0	0				+ 4f		0	0	0	O	0	0	0	0	0				-	_		_	
	0	0	0	0	0	0					0	0	0	0	0	0	0	0		0		ŭ		•	
0	0		-	0	0	0	0	0	0	0	0] 0	0	0	0	0	0	0		0				=	
Cy	0	0	0	0	0	0	0	0	0	0[0	0	0	0	0	0	0	0	0	0	0	0		0	
Comments of the Comments of th			168	WH =	Total M																				
Communication of the Communica																ing	k Wheel	On-Peal	42.9%		ling	k Whee	Off-Peal	57.1%	
Frankli de	fined De	Tariff.Da	al . lj		.f Day	l. House	4 D		. г										enter enterior	ter					
- Acres		, will-1/C			n Day	K HOUL C	nctua: rea		cnase L	a OP Pur	11 22 M an	Overlap		s	Purchase	rovision	Optional F	Hours of (ng	ce Wheeli	Self-Servi	Hours of S	STATE OF I	
-																									
0000000000		0 0 0 0 0 0	0 0 0 0 0 0 0 0	0	0 0 Total M	0 0 0		0 0	0 0	0 0 0[0 0 0	0 0 0	0 0 0	0 0 0[0	0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 k Wheel	0 0 On-Peal	0 0 0 0 0 0 0 0 0 0	0 0	ling	k Whee			19 20 21 22 23 24 25 26 27 28 29 30

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET P.O. BOX 391 (ZIP 32302) TALLAHASSEE, FLORIDA 32301 (850) 224-9115 FAX (850) 222-7560 ORIGINAL

February 15, 2002

HAND DELIVERED

Ms. Blanca S. Bayo, Director Division of Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re:

Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report (Quarter 4 2001) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006. Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

JDB/pp Enclosures Keceved a filed UREAU OF RECORDS

DOCUMENT NUMBERS - DATE

01805 FEB 15 2

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW*, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

* SSW energy occurring during hours of optional provision purchase is excluded from the actual energy reduction amount in the Ratepayer Impact Section of this report. Lost revenues and avoided fuel expense are not applicable to this energy as it would have otherwise been served through optional provision purchases and not by Tampa Electric.

Section 1

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - 4th Quarter 2001

		Oc	tober	No	vember	De	cermber	4th (Qtr. 2001
(1)	Actual Energy Reduction from SSW - MWH Cargill New Millpoint Plant (SBI-3)				_		34		24
	Cargill Ridgewood Master Plant (SBI-1)		-				54 51		34 51
	Cargill Hooker's Prairie Plant (IST-1)						<u> </u>		
	Total Cargill SSW		•		-	,	85		85
(2)	Actual SSW Under-delivered - MWH Basis for Generator-to-Schedule Imbalance (GSI) Service		-		-		13		13
(3)	Revenue Gains/Losses (+/-)								
	Base Energy	\$	~	\$	-	\$	(836)	\$	(836)
(4)	Environmental Cost Recovery Charges (\$1.59/MWH)	\$	-	\$	-	\$	(135)	\$	(135)
(5)	Conservation Cost Recovery Charges (\$0.29/MWH)	\$	-	\$	-	\$	(25)	\$	(25)
(6)	Capacity Cost Recovery Charges (\$0.15/MWH)	\$	-	\$	-	\$	(13)	\$	(13)
(7)	Fuel & Purchased Power Cost Recovery:								
	Lost Retail Tanff Time-Of -Use Fuel Revenues	\$							
	Avoided Incremental Fuel and Purchased Power Expense	<u>\$</u>							
	Net Impact to Fuel Recovery Clause	\$							
(8)	Transmission Wheeling:								
	Schedule 8 - Non-Firm Point-to-Point Transmission Service (\$1.267/MWH)	\$	-	\$	-	\$	108	\$	108
	Schedule 2 - Reactive Supply (\$0.10/MWH)	\$	-	\$	-	\$	9	\$	9
	Schedule 1 - Scheduling (\$0.13/MWH)	\$		<u>\$</u>		\$	11	\$	11
	Total Transmission Wheeling	\$	-	\$	-	\$	127	\$	127
(9)	Net GSI Service Charges	\$	-	\$	=	\$	41	\$	41
(10)	Opportunity Sales	\$	-	\$	-	\$	-	\$	-
(11)	Refund (Not Applicable)	\$	-	\$	-	\$	-	\$	-
	Net Impact	\$	-	\$	-	\$	(1,564)	\$	(1,564)
	Tampa Electric Monthly Peak: Date		10/24/0	1	11/1/0	I	12/12/01		
	Hour		17:00)	19:00		19:00		
	MW		3,025	5	2,459		2,534		

Notes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Praine; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Puel and Purchased Power Recovery Clause.
- (11) Not applicable for Quarter 4 of 2001.

Section 2

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for 4th Quarter 2001 Before and After Self-Service Wheeling (1)

		Before SSW			After SSW		I	Lupac	t of SSW	
Hooker's Prairie (IST-1)	October	November	December	October	November	December	October	November	December	Quarter IV
Actual Billing Determinants: (2)	j I			ł				1	1	
Demand (kW)	2,52	0 2,268	4,284	2,520	2,268	4,284	-	-	-	-
On-Peak Energy (kWh)	110,53	4 122,315	204,719	110,534	122,315	204,719		-	-	-
Off-Peak Energy (kWh)	607,88	7 415.510	770,710	607,887	415,516	770,710	-	-	-	-
Power Factor %	73.6	5 70 95	80.55	73.65	70.95	80.55	-	-	-	-
 Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,00	1,000	1,000	1,000	1,000	1,000	-	-	-	-
Demand (\$/kW-mo)	1.4.	5 1 45	1.45	1 45	1.45	1.45	-	-	-	∦ -
Energy (¢/kWh)	1 07	3 1.078	1.078	1 078	1 078	1 078	-	-	-	-
Metering Level Discount (% of D&E charges)		1 1	1	1	1	1	-	-	-	-
Transformer Ownership Discount (\$/kW-mo)	0.23	3 0.23	0 23	0.23	0.23	0.23	-	-	-	-
On-Peak Fuel Charge (¢/kWh)	3 84:	3 845	3.845	3.845	3.845	3 845	-	-	-	-
Off-Peak Fuel Charge (¢/kWh)	2 28	2 289	2 289	2.289	2 289	2.289	-	-	-	-
Energy Conservation Charge (¢/kWh)	0 029	0 029	0 029	0.029	0.029	0.029	-	-	-	-
Capacity Charge (¢/kWh)	0.013	5 0 015	0 015	0 015	0.015	0.015	j -	-	-	-
Environmental Cost Recovery Charge (¢/kWh)	0.159	0.159	0.159	0.159	0.159	0.159	-	-	-	-
Refund (¢/kWh)	-	-	-	-	-	-	_	-	-	
Florida Gross Reciepts Tax (%)	2.564	2.5641	2.5641	2 5641	2 5641	2.5641	-	-	-	-
Actual Charges : (3)										
Customer Facilities Charge	\$ 1,000) \$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1.000	\$ -	\$ -	\$ -	\$ -
Demand	\$ 3,654	\$ 3,289	\$ 6,212	\$ 3,654	\$ 3,289	\$ 6,212	\$ -	\$ -	\$ -	\$ -
Energy	\$ 7,745	5,798	\$ 10,515	\$ 7,745	\$ 5,798	\$ 10,515	\$ -	\$ -	\$ -	\$ -
On-Peak Fuel	\$ 4,250	\$ 4,703	\$ 7,871	\$ 4,250	\$ 4,703	\$ 7,871	\$ -	\$ -	\$ -	\$ -
Off-Peak Fuci	\$ 13,915	\$ 9,511	\$ 17,642	\$ 13,915	\$ 9,511	\$ 17,642	\$ -	\$ -	\$ -	\$ -
Energy Conservation Charge	\$ 208	3 \$ 156	\$ 283	\$ 208	\$ 156	\$ 283	\$ -	\$ -	\$ -	\$ -
Capacity Charge	\$ 108	\$ \$ 81	\$ 146	\$ 108	\$ 81	\$ 146	\$ -	\$ -	\$ -	\$ -
Environmental Cost Recovery Charge	\$ 1,142	! \$ 855	\$ 1,551	\$ 1,142	\$ 855	\$ 1,551	\$ -	\$ -	\$ -	\$ -
Transformer Discount	\$ (580) \$ (522	(985)	\$ (580)	\$ (522)	\$ (985)	\$ -	\$ -	\$ -	\$ -
Meter Level Discount	\$ (114	\$ (91) \$ (167)	\$ (114)	\$ (91)	\$ (167)	\$ -	\$ -	\$ -	\$ -
Purchased Energy	\$ 162	\$ 74	\$ -	\$ 162	\$ 74	\$ -	\$ -	\$ -	\$ -	\$ -
Power Factor Adjustment +/- (4)	\$ 429	\$ 402	\$ 226	\$ 429	\$ 402	\$ 226	\$ -	\$ -	\$ -	\$ -
Refund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Florida Gross Receipts Tax	\$ 818	\$ 648	\$ 1,136	\$ 818	\$ 648	\$ 1,136	\$	\$	\$	<u>\$</u>
Total Electric Charges	\$ 32,738	\$ 25,903	\$ 45,429	\$ 32,738	\$ 25,903	\$ 45,429	\$ -	\$ -	\$ -	\$ -
Percent of Total Bill							0.0%	0.0%	0 0%	0.0%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.



⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Millpoint Plant

Billing Components for 4th Quarter 2001 Before and After Self-Service Wheeling(1)

		IJ	efore SSW		···	<u> </u>		After SSW			<u>.ii</u>		Inip	act of SS	V	
New Millpoint (SBI-3)	October		November		December	October		November		December	October	\perp	November	Dece	mber	Quarter IV
Actual Billing Determinants: (2)	1															
Energy On-Peak	260,0	3	147,307	·	240,531	260	073	147,30	7	210,531	-		-	1	30,000	30,000
Energy Off-Peak	180,65	6	257,125		455,953	180	656	257,12		416,953				1	39,000)) ·
Supplemental Demand (kW)	-			1	· -	ļ	-			-		İ	-		. ,	
Standby Billing Demand (kW)	36,98	7	36,987		36,987	36.	987	36,98	7 [36,987	-		_		-	
Actual Standby Billing kW	60,66		60,877		88,925	60,		60,87	- 1	88,925			-	ĺ	_	-
Supplemental Energy (kWh)	1		_	ı		1	•	1			1 .	- 1	_		_	_
Standby Energy (kWh)	440,73	9	404,432		696,484	440.	729	404,432	,	627,484	1 -	- 1	_	1 .	69,000	69,000
Power Factor %	94 4		95.58		96 03		.43	95 58	- 1	96 03	1 .	- 1			-	0,,000
1 Great Lucion 70		Ĭ.	, , , ,	1	30 05	1		,,,,,		,,,,,	1	1				
Applicable Tariff Rate/Charge:	1	- 1							1		i .					
Customer Facilities (\$/bill)	1,02	5	1,025		1,025	1,)25	1,025	5	1,025	-	-	~	1	-	
Supplemental Demand (\$/kW-mo)	1.4	5	1 45		1 45		.45	1.45	5	1.45			-		-	
Stand-by Demand (\$/kW-mo)	0.9	5	0.95		0.95		.95	0.95	- 1	0.95	-		-		_	
Bulk Transmission Reservation (\$/kW-mo)	0.0		0 09		0 09		.09	0.09	1	0.09	-		-	1	_	-
Bulk Transmission Demand (\$/kW-day)	0.0	1	0.03	1	0.03	4	03	0.03		0.03	1 -	Ţ	_	j	-	
Supplemental Energy (¢/kWh)	1.32		1 327		1 327		327	1.327	- 1	1.327	1 .		_	1	_	_
Standby Energy (¢/kWh)	0.96		0.961		0 961	·	961	0 961	- 1	0.961	l .	- 1	_		_	_
Metering Level Discount (% of D&E charges)	1 0.50	î	1	i	0 / 01	· "	1	1	: I	0.501	i .		_		_	_
Transformer Ownership Disc. Supp. (\$/kW-mo)	0.2	3	0 23		0.23	,	23	0 23		0 23	_		_			
Transformer Ownership Disc. Sundby. (\$/kW-mo)	0 2		0.21	1	0.21	1	21	0 21		0.21	1		_	}	_	
On-Peak Fuel Charge (¢/kWh)	3.84	- 1	3.845	1	3.845	,	45	3.845	,	3.845	1	- 1	_	1	_	_
•	2 28		2.289		2.289		189	2 289		2.289			_		-	_
Off-Peak Fuel Charge (¢/kWh)	0 02		0 029	1	0 029		129	0.029		0.029						
Energy Conservation Charge (d/kWh)	0.01		0.015		0 015		115	0.025	4	0.025	1	1				_
Capacity Charge (#/kWh)	0.07	- 1	0.013		0.159		.59	0.013		0.015	1		•		-	-
Environmental Cost Recovery Charge (¢/kWh)	0.13	'	0 139	}	0.135	ν.	,	0.139		0.139]			İ	-	
Refund (¢/kWh)	2.564	,	2.5641	İ	2.5641	2.5	41	2.5641		2.5641	1	1	-		_	-
Florida Gross Reciepts Tax (%)	2.304	1	2.3041		2.3041	2.5	ı+1	2.3041		2.3041		1	-		-	_
Actual Charges : (3)	1			1								ŀ				
Customer Facilities Charge	\$ 1,02	5 \$	1,025	\$	1,025	\$ 1,0	25	\$ 1,025	\$	1,025	\$ -	\$	-	\$	-	\$ -
Supplemental Demand	\$ -	\$	-	\$	-	\$.]	\$ -	\$	-	\$ -	\$	-	\$	-	- \$
Stand-by Demand	\$ 35,13	3 \$	35,138	\$	35,138	\$ 35,	38	\$ 35,138	\$	35,138	\$ -	\$	-	\$	-	\$ -
The greater of: Buik Transmission Reservation, or	\$ 3.32	\$ \$	3,329	\$	3,329	\$ 3,3	29	\$ 3,329	\$	3,329	\$ -	\$	-	\$	-	\$ -
Bulk Transmission Demand	\$ 1,82	\$	1,826	\$	2,668	\$ 1,5	20	\$ 1,826	\$	2,668	\$ -	\$	-	\$	-	\$ -
Supplemental Energy	\$ -	\$	-	\$	-	\$		\$ -	\$	· <u>-</u>	\$ -	\$	-	\$	-	\$ -
Standby Energy	\$ 4,23.	5 \$	3,887	15	6,693	\$ 4,3	35	\$ 3,887	\$	6,030	 \$ -	\$	-	\$	663	\$ 663
On-Peak Fuel	\$ 10,000) \$	5,664	\$	9,248	\$ 10,0	00	\$ 5,664		8,095	 	\$	-	\$	1,154	\$ 1,154
Off-Peak Fuel	\$ 4,13	5 \$	5,886	\$	10,437			\$ 5,886		9,544	\$	\$	-	S	893	\$ 893
Energy Conservation Charge	\$ 12		117	\$	202			\$ 117		182	s -	\$	-	8	20	\$ 20
Capacity Charge	\$ 6		61	\$	104	\$		\$ 61	\$	94	\$ -	\$		\$	10	\$ 10
Environmental Cost Recovery Charge	\$ 70		643	\$	1,107			\$ 643	s	998	s -	\$	_	s	110	\$ 110
Fransformer Discount	\$ (7,76		(7,767)		(7,767)		67)		1 '	(7,767)	\$ -	\$	_	\$		\$ -
Meter Level Discount	\$ (42		(424)	ľ	(451.60)		27)			(444.97)	\$.	\$		ŝ	(7)	\$ (7)
Purchased Energy	\$ -	\$	(302)		-	\$	-''	\$ (302)		(\$ -	s	_	s	_``	\$ -
	1		• •	j .			_				Ĭ	1		1		•
Power Factor Adjustment +/- (4)	1		(71)		(135)		60)	\$ (71)		(122)	\$ -	\$	-	\$	(13)	\$ (13)
Refund	\$ -	\$		\$	_ <u>-</u> _	\$ -	_	\$ -	\$	-	\$ -	\$	-	\$	-	\$ -
Florida Gross Receipts Tax	\$ 1,295		1,210	\$	1,511	\$ 1,2		\$ 1,210	\$	1,438	<u>\$</u>	\$_		\$	<u>73</u>	<u>\$ 73</u>
Total Electric Charges	\$ 51,797	\$	48,394	\$	60,441	\$ 51,7	97	\$ 48,394	\$	57,539	\$ -	\$	-	\$ 2	2,902	\$ 2,902
Percent of Total Bull											0.0%		0 0%		48%	1.8%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90% No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Plant

Billing Components for 4th Quarter 2001 Before and After Self-Service Wheeling⁽¹⁾

			Before SSW					After SSW						Jmpa	ct of SS	W	
Ridgewood Master (SBI-1)	October		November	December		October	T	November	T	December		clober		November	ī	December	Quarter IV
Actual Billing Determinants: (2)	l								T					_		-	
Energy On-Peak	221	244	190,663	661.	047	221,244		190,663	3	657,047	1	_		_		4,000	4,0
Energy Off-Peak	3,824	547	1,326,043	2,706,	914	3,824,547		1,326,043	,]	2,694,914	J	_	1	-	İ	12,000	12,0
Supplemental Demand (kW)	13	795	13,946	11,	776	13,795		13,946	;	11,776	1	_	ĺ	_	1	-	
Standby Billing Demand (kW)	52	000	52,000	52,	000	52,000		52,000	1	52,000	1	_	1	_		_	
Actual Standby Billing kW	27	486	1.698	114,	168	27,486	.]	1,698	3	114,168	}	_	1	_	ļ	-	ı
Supplemental Energy (kWh)	3,156	823	1,334,420	2,397,	481	3,156,823	1	1,334,420	,	2,381,481	1	_	1	_		16,000	16,00
Standby Energy (kWh)	888	968	182,286	970.	480	888,968	.]	182,286		970,480		-	1	-	ľ	-	1
Power Factor %	6	5.76	46.69	55	18	66.76		46.69	'	55 18		-		-		-	
Applicable Tariff Rate/Charge:]				1												1
Customer Facilities (\$/bill)	1,	025	1,025	1,	025	1,025	1	1,025	1	1,025	1	-	1	_	İ	-	-
Supplemental Demand (\$/kW-mo)		45	1.45	1	45	1 45	ı	1 45		1.45	ı	_	1	-			
Stand-by Demand (\$/kW-mo)	1 .	.95	0.95) (.95	0 95		0.95		0 95	i	_	1	_		_	
Bulk Transmission Reservation (\$/kW-mo)	1 (09	0 09	1 (09	0.09	1	0 09	I	0 09	1	_	1	-		_	
Bulk Transmission Demand (\$/kW-day)	1	03	0 03	I	03	0 03		0 03	1	0.03	1	_	1	_		_	
Supplemental Energy (¢/kWh)		078	1 078	1	778	1.078	ļ	1 078		1.078	}	_	j	_	1	_	_
Standby Energy (¢/kWh)	1	961	0.961		61	0.961		0 961		0 961	1	_		_	1	_	_
Metering Level Discount (% of D&E charges)	1 *	i	1	1	ĭ	1		1		1	1	_		-	1	-	_
Transformer Ownership Disc. Supp. (\$/kW-mo)	1 (23	0 23		23	0.23	1	0 23	1	0 23	1	_	1	-	1	_	1
Transformer Ownership Disc. Studby. (\$/kW-mo)		.21	0.21	1	21	0.23	1	0.21		0.21	1		1	_			_
On-Peak Fuel Charge (#/kWh)	3	845	3.845	i	45	3 845		3 845		3.845	İ	_	1	_		_	_
Off-Peak Fuel Charge (¢/kWh)		289	2 289	1	89	2 289	1	2 289	1	2.289	l	_	1	_	ł	_	
Energy Conservation Charge (¢/kWh)		329	0 029	1	29	0.029	i	0 029		0.029	1	_	i	_	1	_	
Capacity Charge (¢/kWh)		015	0 015	1	115	0.025	l .	0.015		0.015	i	_	1	_	1		_
Environmental Cost Recovery Charge (¢/kWh)		159	0 159	1	59	0.159	1	0.019	1	0.159	i	-	1	_	1	_	1
Refund (¢/kWh)	ı	-	0 137	٧.	"	0.137	İ	0 137	1	0.139	l	_	1		1	_	
Florida Gross Reciepts Tax (%)	2.5	541	2 5641	2 50	41	2.5641		2 5641		2.5641		-		-		-	-
Actual Charges : (3)		1			ı								ł				
Customer Facilities Charge	\$ 1.)25	\$ 1,025	\$ 1,0	25	\$ 1,025	\$	1,025	\$	1,025	\$	-	\$	-	\$	-	\$ -
Supplemental Demand	\$ 20,		\$ 20,222	\$ 17,0		\$ 20,003	\$	20,222		17,075	\$	-	\$	_	\$	-	\$ -
Stand-by Demand	\$ 49,		\$ 49,400	\$ 49,4		\$ 49,400	\$	49,400		49,400		-	\$	_	\$	_	\$ -
The greater of. Bulk Transmission Reservation, or			\$. 4,680	\$ 4,0		\$ 4,680	\$	4,680		4,680		_	\$	-	\$	_	\$ -
Bulk Fransmission Demand			\$ 51	\$ 3,4		\$ 825	\$	51	\$	3,425	İ				1		
Supplemental Energy	\$ 34.0	- 1	\$ 14,385	\$ 25.8		\$ 34,031	\$	14,385	1	25,672	8	_	\$	-	\$	172	\$ 172
Standby Energy	\$ 8	143	\$ 1,752	\$ 9.3	26 3	\$ 8,543	\$	1,752		9,326		-	\$	_	1 8		8 -
On-Peak Fuel			\$ 7,331	\$ 25,4		\$ 8,507	\$	7,331	\$		s	_	\$	-	\$	154	\$ 154
Off-Peak Fuel	\$ 87.		\$ 30,353	\$ 61,9		\$ 87,544	\$	30,353	\$	61,687	\$	_	\$	_	\$	275	\$ 275
Energy Conservation Charge			\$ 440			\$ 1,173	\$	440	\$	972	\$	_	\$	_	15	5	\$ 5
Capacity Charge			\$ 228		- 1	\$ 607	\$	228	\$	503	\$	_	\$	_	\$	2	\$ 2
Environmental Cost Recovery Charge			\$ 2,412	\$ 5,3		\$ 6,433	\$	2,412	\$	5,330	\$	_	\$	_	\$	25	\$ 25
Transformer Discount	\$ (14,0		\$ (14,128)	\$ (13,6		\$ (14,093)	\$	(14,128)	1	(13,628)		_	\$	_	\$	-	\$ -
Meter Level Discount	\$ (1,	1	\$ (904)	\$ (1,0		\$ (1,167)	\$	(904)	\$	(1,062)	\$	_	\$	_	\$	(2)	\$ (2
Purchased Energy	\$. 1	\$ 303	\$ -		\$ (1,107) \$ -	\$	303	\$	(1,002)	Š	_	\$	_	\$	- (2)	\$ - 2
Power Factor Adjustment +/- (4)	\$ 4,0	1	\$ 3,865	\$ 6,0	- 1.	·]	\$		1	F 000	, * *	-	l '	-	I T		1*
Refund	\$		\$ 5,005	\$ 0,0		\$ 4,009 \$ -	\$	3,865	\$	5,977	D D	*	\$	-	\$	29	\$ 29
Florida Gross Receipts Tax		- 1	\$ 3,112	\$ 4,9			4	2 1 1 2	1	4 000	\$	-	\$	-	\$		- 1
Total Electric Charges	\$ 216,0		\$ 124,475	\$ 197,8		21.05	\$\$	3,112 124,475	\$ \$	4,929 197,150	\$:	\$		<u>\$</u>	<u>17</u>	\$ <u>17</u> \$ 677
Percent of Total Bill												0.0%		0 0%		0.3%	0.1%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.



⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Section 3 Hourly Summary

October 2001 Hour Ending

ATE	1:00	2:00	3:00	4:00	5:00	6:00	7.00	8:00						14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1		 0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ü
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	θ	0	0	0	0[0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0L	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	v	0	0	0	0
21	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0 aF	0	0	0	0	0	O O	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0L	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	()	0	ol	0	0 or		0	0	0	0	0
24	0	0	0	0	0	0	o	0	0	0	0	0	0				0	0	0			0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0								0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	οL	0	0	0 0	10	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0		-		0	0	0	0
29	0	0	0	0	0	0	.0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	O O	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	- 0	U	0	v n	o O	0	Acres
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	0	V	V	V	ν	€,
																			T	otal MV	VH =	0			£

0.0% Off-Peak Wheeling

0.0% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

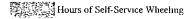
Overlap of SSW and OP Purchase

Actual Peak Hour of Day



November 2001 Hour Ending

ΓE	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11.00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	υ	0	0	0	0	0	0		0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ő	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Ü	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O[0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0 0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	- 0	0 0	0	0	0	0	0
13	0	0	0	0	0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	οΓ	01	0	0	0	0	ő	0
15	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ő	0	0	0	0	0	0	0
16 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ű	0	ol-	0	0	0	0	0	0	0
18	0	0	0	0	0	0	o	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	υ[0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		WITTEN CONTURNATION CONT		0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\frac{0}{0}$	0	0	0 0	$0 \\ 0$	0	0 0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ᄽ	0	0 0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0 0	0	0 0	0	0 0	0	0 0	∖⊦	0	0	0	0	0	0	0
!9	0	0	0 0	0	0	0 0	0 0	0 0	0	0 0	0	0	0	0	0	0	0	ان ان	0	0	0	0	0	0	•
30	U	V	U	U	V	U	U	U	U	v	U	U	U	V	U	Ū	v	°L.	<u>`</u>	Ü	Ü			v	
																			Т	otal MW	H =	0			
	0.0% O	ff-Peak	Wheeli	ng		0.0% ()n-Peak	Wheeli	ng																
	Taria Ho	ours of Se	lf-Service	: Wheelin	2		ours of O	otional Pr	ovision Pi	urchases		0	verlan of	SSW and	OP Purch	nase [I _A	ctual Pea	k Hour of	Dav	٠. ر	na an an an an an an an an an an an an a	aniff-Defi	ned Peak I	
	, talk derberg elektrik				955	SECTION SECTIONS						J	· · · · · · · · · · · · · · · · · · ·	oon una	Of Tures		'' `	otaar r ou	K IIOUX OI	Day	~6	-11-	MIII LOCK	ned I cak I	10001-1-1
																									Gillian Co.





December 2001 Hour Endung

ιΤΕ	1.00	2.00	3:00	4.00	5.00	6:00	;7:00	-8:00	9:00 - 1	10:00	11 00	12:00	13:00	14.00	15:00	16.00	17:00	18.00 . 1	9:00	20:00	21:00 22:	00	23:00	24:00	Sum
	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
, R	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	O	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	o	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
11	0	0	0	0	0	0	0	0	0 3,42	4	4	4	34, 4	0	0	0	0	0	0	0	0	0	-	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	Ú	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
16	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	O O	0	o o	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0 See 2 April	0 ::34 7%_m	, oversport great	() () المراجع المراجع المراجع	0 	0 20世代18第	0 رخورووروسون	10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	U		25.20% 25.20%	*SI	0	0	69
19	0	0	0	0	0	O	0	0 8	11.5	÷. [:5]	5.		50 m		學, 3.4 3						0 阿斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	0 928	0	0	0
20	0	0	0	0	0	0	O	0_	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥ſ	0	0	n	Ô	ŏ	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	~ -	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	, r		0	0	0	0	0
27	0	0	0	0	0	0	0	<u> </u>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	٥L	0	0	0	0	0	0	0	n	0	or	<u>0</u>	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	U	U	0	0	0	0	0	0	ŏ	-	0	0	0	0	0	0
30	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0 U	<u>~</u>	0	0	oΓ	0	0	0
31	0	0	0	0	0	0	0	υ	U	U	U	U	Ū	U	J	3	J	Ü	1	otal MW		35			

60.0% Off-Peak Wheeling

40.0% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Tariff-Defined Peak Hours

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW



227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

May 15, 2002

HAND DELIVERED

COMMISSION CLERK

RECEIVED A FOU

Ms. Blanca S. Bayo, Director Division of Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re:

Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report (Quarter I 2002) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp Enclosures COMFIDENTAL

in DBs in

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

05226 MAY 158

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff on file at the Federal Energy Regulatory Commission. Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW*, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

* SSW energy occurring during hours of optional provision purchase is excluded from the actual energy reduction amount in the Ratepayer Impact Section of this report. Lost revenues and avoided fuel expense are not applicable to this energy as it would have otherwise been served through optional provision purchases and not by Tampa Electric.

Section 1

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - 1st Quarter 2002

			Jan	nuary	Feb	oruary	M	la rch 🛝	1st	Qtr. 2002
(1)	Actual Energy Reduction from SSW	<u> - MWH</u>		_				_		
	Cargill New Millpoint Plant (SBI-3)			0		9		0		9
	Cargill Ridgewood Master Plant (SBI			133		282		1,092		1,507
	Cargill Hooker's Prairie Plant (IST-1)			Ō		<u>0</u>		<u>0</u>		0
	Total Cargill SSW			133		291		1,092		1,516
(2)	Actual SSW Under-delivered - MW Basis for Generator-to-Schedule Imb			15		32		50		97
(3)	Revenue Gains/Losses (+/-)									
	Base Energy		\$	(1,359)	\$	(2,797)	\$	(11,706)	\$	(15,862)
(4)	Environmental Cost Recovery Charg	es (\$1.59/MWH)	\$	(201)	\$	(463)	\$	(1,736)	\$	(2,400)
(5)	Conservation Cost Recovery Charges	s (\$0.29/MWH)	\$	(55)	\$	(84)	\$	(317)	\$	(456)
(6)	Capacity Cost Recovery Charges (\$0	15/MWH)	\$	(29)	\$	(44)	\$	(164)	\$	(237)
(7)	Fuel & Purchased Power Cost Recov	rery:								
	Lost Retail Tariff Time-Of -Use Fue	Revenues	\$							
	Avoided Incremental Fuel and Purch		<u>\$</u>							
	Net Impact to Fuel Recovery Clause		\$							
(8)	Transmission Wheeling:						_			
		nt Transmission Service (\$1 267/MWH)	\$	169	-	369		1,384		1,921
	Schedule 2 - Reactive Supply (\$0.10		\$	13		29	\$ \$	109 142	\$	152 197
	Schedule 1 - Scheduling (\$0.13/MV	VH)	<u>\$</u> \$	<u>17</u>	<u>\$</u> \$	<u>38</u> 436		1,635		2,269
	Total Transmission Wheeling		Φ	123	Ð	450	Þ	1,033	Ф	2,209
(9)	Net GSI Service Charges		\$	43	\$	63	\$	183	\$	289
(10)) Opportunity Sales		\$	÷	\$	316	\$	-	\$	316
(11) Refund (Not Applicable)		\$	-	\$	-	\$	-	\$	-
	Net Impact		\$	(4,068)	\$	(5,739)	\$	(18,636)	\$	(28,444)
	Tampa Electric Monthly Peak:	Date		1/1/01		2/28/01				
	<u>r</u>	Ноит		17:00		08.00				
		MW		3.025		3.026				

No tes:

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Prairie, the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.

Section 2

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for Millpoint Plant

Billing Components for 1st Quarter 2002 Before and After Self-Service Wheeling(1)

New Millpoint (SBI-3) Actual Billing Determinants: (2) Energy On-Peak	January	1 .		T													V		
Energy Ou-Peak			ebruary		Mardı	<u> </u>	January		February		March	Januar	гу	Febr	шагу	Mai	rch		Juarter 4
	ľ											l		ĺ		1		I	
	258,53	3	58,722	1	32,933		258,533	1	58,722	1	32,933	İ	-		-	i	-		-
Energy Off-Peak	1,178,73	5	173,304	1	104,517		1,178,736	1	164,304	1	104,517	1	-	1	9,000	Ì	-	1	9,000
Supplemental Demand (kW)	-	1	-		-	i	-	1	-	1	-	ì	-		-		-	ł	-
Standby Billing Demand (kW)	36,98	7	36,987	1	36,987	ľ	36,987	ĺ	36,987	ł	36,987	1	-	1	-	1	-	1	-
Actual Standby Billing kW	76,350	í	20,714	1	14,213	ł	76,356		20,714		14,213		-		-		-	1	-
Supplemental Energy (kWh)	-			1	-	l	-		-	1	-	1	-)	-	1	-	J	-
Standby Energy (kWh)	1,437,269)	232,026	1	137,450		1,437,269	1	223,026		137,450	1	-	l	9,000	1	-	i	9,000
Power Factor %	78 0	2	59.54	}	66 77		78 02		59.54	ł	66 77	1	-		-		-		-
Applicable Tariff Rate/Charge:																			
Customer Facilities (\$/bill)	1,025	5 (1,025		1,025	ĺ	1,025	1	1,025	1	1,025	l	-	Ì	-	l	-	9	-
Supplemental Demand (\$/kW-mo)	1.4:	5 	1.45		1.45	l	1.45		1 45		1.45	1	-	l	-		-	Ì	-
Stand-by Demand (\$/kW-mo)	0.93	,	0.95	l	0.95	l	0 95	l	0 95	ł	0 95	l	-	1	-		-))	-
Bulk Transmission Reservation (\$/kW-mo)	0.09	1	0.09		0 09		0 09	1	0 09		0.09		-		-				-
Bulk Transmission Demand (\$/kW-day)	0.03	1	0.03	1	0.03		0 03		0 03		0.03]	-		-]	-		-
Supplemental Energy (¢/kWh)	1 327		1 327		1.327	Į.	1.327		1.327		1 327	1	-		-		-		-
Standby Energy (¢/kWh)	0.961		0.961		0 961		0.961	1	0.961	1	0.961		-	1	-	1	-		-
Metering Level Discount (% of D&E charges)			1	1	1		i	1	1	{	1	1	-	l	-	l	-	ii .	-
Transformer Ownership Disc. Supp. (\$/kW-mo)	0 23	3	0.23		0.23	ı	0.23		0.23		0 23	ł	-		-	l	_	1	-
Transformer Ownership Disc. Sindby. (\$/kW-mo)	0.21		0.21	ĺ	0.21	1	0 21		0 21		0 21	ŀ	-		-		-	ľ	
On-Peak Fuel Charge (¢/kWh)	4.425		4 425	1	4 425		4 425		4 425	1	4.425		-	i	-		-	1	-
Off-Peak Fuel Charge (¢/kWh)	2 725		2 725	ł	2.725	1	2.725	1	2 725	1	2.725]	_	l	-				-
Energy Conservation Charge (¢/kWh)	0 041	1	0.041	ł	0.041	1	0 041		0.041		0 041		_		-		-	ĺ	-
Capacity Charge (¢/kWh)	0.023		0.022		0 022]	0 022]	0.022]	0.022		_	ľ	-			į	_
Environmental Cost Recovery Charge (¢/kWh)	0.151		0.022		0 151		0.151		0.151		0.151	[_		-		_	l	-
Refund (¢/kWh)	-			1		ļ.	-	1	-			İ	_		_	1	_		-
Florida Gross Reciepts Tax (%)	2.5641		2 5641		2.5641	1	2.5641		2 5641		2 5641		-		-		-		-
Actual Charges: (3)								ļ											
Customer Facilities Charge	\$ 1,025	\$	1,025	\$	1,025	\$	1,025	\$	1,025	\$	1,025	\$	-	S	-	\$	-	\$	-
Supplemental Demand	\$	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-] \$	-
Stand-by Demand	\$ 35,138	\$	35,138	\$	35,138	\$	35,138	\$	35,138	\$	35,138	\$	-	\$	-	\$	-	\$	-
The greater of: Bulk Transmission Reservation, or	\$ 3,329	\$	3,329	\$	3,329	\$	3,329	\$	3,329	\$	3,329	\$	-	\$	-	\$	-	\$	-
Bulk Transmission Demand	\$ 2,291	\$	621	5	426	\$	2,291	\$	621	\$	426	\$	- 1	\$	-	\$	-	s	- '
Supplemental Energy	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	_	\$	- '
Standby Energy	\$ 13,812	\$	2,230	\$	1,321	\$	13,812	\$	2,143	\$	1,321	\$	-	\$	86	\$	-	\$	86
On-Peak Fuel	\$ 11,440		2,598	\$	1,457	\$	11,440	\$	2,598	\$	1,457	\$	-	\$	-	\$	-	\$	-
Off-Peak Fuel	\$ 32,121	\$	4,723	\$	2,848	\$	32,121	\$	4,477	\$	2,848	\$	-	\$	245	\$	-	\$	245
Energy Conservation Charge	\$ 589	\$	95	\$	56	\$	589	\$	91	\$	56	\$	-	\$	4	\$	-	\$	4
Capacity Charge	\$ 316	\$	51	\$	30	\$	316	\$	49	\$	30	\$	-	\$	2	\$	-	\$	2
Environmental Cost Recovery Charge	\$ 2,170	\$	350	\$	208	\$	2,170	\$	337	\$	208	\$	-	\$	14	\$	-	\$	14
ransformer Discount	\$ (7,767		(7,767)	\$	(7,767)	\$	(7,767)	\$	(7,767)	\$	(7,767)	\$	-	\$	-	\$	-	\$	_ 1
Meter Level Discount	\$ (523		(407)		(397 87)	\$	(523)	1	(406)		(397 87)	\$	- 1	\$	(1)	\$	-	\$	(1)
Purchased Energy	\$ -		, ,		579 60	\$	-	\$	- '		579.60	\$	-	\$	- ,	\$	-	\$	-
Power Factor Adjustment +/- (4)	\$ 523	\$	330		136	\$	577	(•	278	•	120		- [·	12	•		1.	
	\$ 523	\$	339	\$ \$	136	•	523	\$ \$	325	\$	136		-	\$	13	\$	-	\$	13
Refund	1 *	1	1.060	1	077	\$	2262	1 3	1.000	\$		\$	-	\$	-	\$	-	\$	-]
<u>llorida Gross Receipts Tax</u> otal Electric Charges	\$ 2,363 \$ 94.537	\$ \$	1,069 42,772	\$	973 38,936	<u>\$</u>	2,363 94,537	\$	1,060 42,400	\$ \$	973 38,936	\$	-	\$ \$	9 373	\$ \$	<u> </u>	\$ \$	373
ercent of Total Bill												0	0%		0.9%		0 0%		0 2%

⁽¹⁾ All billing components are shown, however, only the energy related components are impacted by self-service wheeling.



⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Plant

Billing Components for 1st Quarter 2002 Before and After Self-Service Wheeling⁽¹⁾

1			Before SSW				After SSW			7		Larpa	ct of SSW		
Ridgewood Master (SBI-1)	Januar	у	February	March	January	Ī	February	T	March	January		February	March	1	Quarter 4
Actual Billing Determinants: (2)						T									
Energy On-Peak	1,19	3,762	1,083,178	1,094,76	4 1,103,76	52	1,082,178	3	846,764	90,00	اه	1,000	248,00	o l	339,000
Energy Off-Peak	4,333	2,721	3,425,994	3,702,63	3 4,289,72	21	3,144,994	4 l	2,858,633			281,000			1,168,000
Supplemental Demand (kW)	13	2,116	12,723	10,37	7 12.11	6	12,723	1	10,377				1		0
Standby Billing Demand (kW)		2,000	52,000		1		52,000	1	52,000	1		_		į	Ó
Actual Standby Billing kW	155	5,344	148,504	1	1		148,504	1	162,806	1	1	_	-	ľ	0
Supplemental Energy (kWh)	3,648	3,361	3,174,959	1	1		3,019,959		2,733,372	1	0	155,000	56,00	o l	280,000
Standby Energy (kWh)	1,878		1,334,213	1 '			1,207,213		972,025		1	127,000			1,227,000
Power Factor %		2.66	69.91	69.2			69 91	ſ	69.27	1		-	-	1	0
Applicable Tariff Rate/Charge:	1				J										
Customer Facilities (\$/bill)	1 :	,025	1,025	1,02	1,02	5	1,025	: 1	1,025	1 -	1		1 -	H	_
Supplemental Demand (\$/kW-mo)		1.45	1 45				1 45		1.45			_			
Stand-by Demand (\$/kW-mo)		0.95	0.95	1			0 95		0 95		1			B	
Bulk Transmission Reservation (\$/kW-mo)	1	0 09	0.09	0.00	1	- 1	0 09		0.09	1	1			l l	-
Bulk Transmission Demand (\$/kW-day)		0 03	0 03	0.03			0 03		0.09	1		-	1	Ĭ	-
Supplemental Energy (¢/kWh)		078	1 078	1.078			1.078		1 078		1	-			-
	,	.961	0 961	0 96	l .	- 1	0.961		0 961	-	j	-	1	ŀ	-
Standby Energy (¢/kWh) Metering Level Discount (% of D&E charges)	· ·	.901	0 701	0 70.	0.90	:	0.901		0.901	1		-	_	1	- 1
		0.23	0.23	0.23	0.2	2	0.23		0 23	_	1		-	ı	- 1
Transformer Ownership Disc. Supp. (\$/kW-mo)		0.23	0.21	0.2	1		0.23		0 23	1		-	_	l l	-
Transformer Ownership Disc. Studby. (\$/kW-nio)		425	4 425	4 425	E .	4	4.425			-	[-	_	1	- 1
On-Peak Fuel Charge (¢/kWh)		725	2 725		N .				4,425	-	ı	-	-	ı	-
Off-Peak Fuel Charge (e/kWh)		.041		2.725	•		2 725		2.725	-	1	**	-	ŀ	-
Energy Conservation Charge (¢/kWh)		.022	0 041 0 022	0.041			0 041	ĺ	0 041	-	1	-	-	1	- 1
Capacity Charge (¢/kWh)				1	1	- 1	0 022	1	0 022	-		-	-	1	-
Environmental Cost Recovery Charge (¢/kWh)	1 "	151	0 151	0.151	0.151	1	0.151	-	0 151	-	1	-	-		- 1
Refund (¢/kWh) Florida Gross Reciepts Tax (%)	2.5	641	2.5641	2.5641	2.5641	1 1	2.5641		2 5641			-			-
Autual Channes (2)	[1											[
Actual Charges: (3)		025	e 1.035	1	1.000	- -	1.025	1.	1.035	1.	1.			1.	}
Customer Facilities Charge			\$ 1,025	\$ 1,025		1	1,025		1,025	\$ -	\$	•	\$ -	1 3	-
Supplemental Demand			\$ 18,448	\$ 15,047	,		18,448	1 .	15,047	\$ -	\$	-	\$ -	\$	-
Stand-by Demand			\$ 49,400	\$ 49,400	\$ 49,400		49,400		49,400	\$ -	\$	-	\$ -	\$	-
The greater of. Bulk Transmission Reservation; or			\$ 4,680	\$ 4,680	\$ 4,680	- 1	4,680	\$	4,680	\$ -	\$	-	\$ -	\$	- [
Bulk Transmission Demand		,	\$ 4,455	\$ 4,884	\$ 4,660	1	4,455	1	4,884	l .	1.			1	-
Supplemental Energy			\$ 34.226	\$ 30,069	\$ 38,586	,	32,555	•	29,466	\$ 744	1 '	1,671	\$ 604	и.	3,018
Standby Energy			\$ 12,822	\$ 19,297	\$ 17,434	1	11,601	\$	9,341	\$ 615	1 '	1,220	\$ 9,950	11 '	11,791
Ou-Peak Fuel		1	\$ 47,931	\$ 48,443	\$ 48,841	,	47,886	1	37,469	\$ 3,983	1 '	44	\$ 10,974	22	15,001
Off-Peak Fuel	\$ 118,		\$ 93,358	\$ 100,897	\$ 116,895		85,701	\$	77,898	\$ 1,172		7,657	\$ 22,999	η.	31,828
Energy Conservation Charge		- 1	\$ 1,849	\$ 1,967	\$ 2,211		1,733	\$	1,519	\$ 55		116	ľ	a ·	618
Capacity Charge			\$ 992	\$ 1,055	\$ 1,187	•	930	\$.	815	\$ 29	\$	62	\$ 240	\$	332
Environmental Cost Recovery Charge			\$ 6,809	\$ 7,244	\$ 8,144		6,383	\$	5,595	\$ 201	\$	426	\$ 1,649	\$	2,276
Transformer Discount		707)		\$ (13,307	\$ (13,707		(13,846)		(13,307)		\$	-	\$ -	\$	- }
Meter Level Discount			\$ (1,196)	\$ (1,187	\$ (1,277		(1,167)		(1,081)	\$ (14)		(29)	\$ (106	. (1	(148)
Purchased Energy			\$ 6	\$ -	\$ 1,917	\$	6	\$	-	\$ 222	\$	-	\$ -	\$	222
Power Factor Adjustment +/- (4)	\$ 6,		\$ 3,635	\$ 4,044	\$ 6,731	\$	3,407	\$	3,123	\$ 166	\$	227	\$ 920	5	1,314
Refund	\$		\$ -	\$ -	\$ -	\$	-,	\$	-,	\$ -	s	_	\$ 720	15	1,314
Florida Gross Receipts Tax	\$ 7,	367	\$ 6,670	\$ 6,894	\$ 7,683	\$	6,378	\$	5,672	\$ 184	s	292	\$ 1,223	\$	1,699
l'otal Electric Charges	\$ 314,0	575	\$ 266,809	\$ 275,773	\$ 307,319		255,122	\$	226,866	\$ 7,356	\$		\$ 48,907		67,950
ercent of Total Bill										2 3%		4 4%	1 7 7%		7.9%

⁽¹⁾ All billing components are shown, however, only the energy related components are impacted by self-service wheeling.



⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90% No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for 1st Quarter 2002 Before and After Self-Service Wheeling(1)

		Before SSW			After SSW			Impac	t of SSW	
Hooker's Prairie (IST-1)	January	February	March	January	February	March	January	February	March	Quarter 4
Actual Billing Determinants: (2)				1					ĺ	
Demand (kW)	2,709	2,583	2,709	2,709	2,583	2,709	-	-	-	
On-Peak Energy (kWh)	223,839	175,865	194,859	223,839	175,865	194,859	-	-	-	-
Off-Peak Energy (kWh)	743,715	565,299	572,229	743,715	565,299	572,229	-	-	-	
Power Factor %	75.24	71.78	70.43	75.24	71.78	70.43	-	-	-	-
Applicable Tariff Rate/Charge:										
Customer Facilities (\$/bill)	1,000	1,000	1,000	1,000	1,000	1,000		-	-	-
Demand (\$/kW-mo)	1.45	1.45	1 45	1.45	1 45	1.45	i -	-	-	-
Energy (¢/kWh)	1.078	1.078	1.078	1.078	1.078	1.078	_	-	-	-
Metering Level Discount (% of D&E charges)	i	1	1	1	1	1	-	-	-	-
Transformer Ownership Discount (\$/kW-mo)	0 23	0.23	0 23	0 23	0.23	0.23	-		-	-
On-Peak Fuel Charge (¢/kWh)	4.425	4.425	4.425	4.425	4.425	4.425		-	-	-
Off-Peak Fuel Charge (¢/kWh)	2 725	2.725	2.725	2.725	2.725	2.725	-	-	-	-
Energy Conservation Charge (¢/kWh)	0 041	0.041	0.041	0.041	0.041	0.041] -	-	-	-
Capacity Charge (¢/kWh)	0.022	0.022	0.022	0.022	0.022	0.022	-	-	-	-
Environmental Cost Recovery Charge (¢/kWh)	0 151	0.151	0.151	0 151	0.151	0.151	-	-	-	-
Refund (¢/kWh)	-	-	-	-	-	-	-	-	-	- 1
Florida Gross Reciepts Tax (%)	2.5641	2.5641	2 5641	2.5641	2 5641	2.5641	-	-	-	-
Actual Charges : (3)										
Customer Facilities Charge	\$ 1,000			\$ 1,000	\$ 1,000	\$ 1,000		\$ -	\$ -	\$ -
Demand	\$ 3,928	\$ 3,745		\$ 3,928	\$ 3,745	\$ 3,928		\$ -	\$ -	\$ -
Energy	\$ 10,430			\$ 10,430		\$ 8.269		\$ -	\$ -	\$ -
On-Peak Fuel	\$ 9,905	\$ 7,782	\$ 8,623	\$ 9,905	\$ 7,782		\$ -	\$ -	\$ -	\$ -
Off-Peak Fuel	\$ 20,266	\$ 15,404	\$ 15,593	\$ 20,266	\$ 15,404	,	\$ -	\$ -	\$ -	\$ -
Energy Conservation Charge	\$ 397	\$ 304	\$ 315	\$ 397	\$ 304		\$ -	\$ -	\$ -	\$ -
Capacity Charge	\$ 213		\$ 169	\$ 213	\$ 163	\$ 169	\$ -	\$ -	\$ -	\$ -
Environmental Cost Recovery Charge	\$ 1,461		\$ 1,158	\$ 1,461		\$ 1,158		\$ -	\$ -	\$ -
Transformer Discount	\$ (623)	\$ (594)	\$ (623)					\$ -	\$ -	\$ -
Meter Level Discount	\$ (144)	\$ (117)		\$ (144)				\$ -	\$ -	\$ -
Purchased Energy	\$ 481	\$ 45	\$ 1,458	\$ 481	\$ 45	\$ 1,458	\$ -	\$ -	\$ -	\$ -
Power Factor Adjustment +/- (4)	\$ 495	\$ 519	\$ 596	\$ 495	\$ 519	\$ 596	\$ -	\$ -	\$ -	\$ -
Refund	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Florida Gross Receipts Tax	\$ 1,226	\$ <u>958</u>	\$ 1,035	\$ 1,226	\$ 958	\$ 1,035	\$	\$	\$	\$
Total Electric Charges	\$ 49,035	\$ 38,318	\$ 41,398	\$ 49,035	\$ 38,318	\$ 41,398	\$ -	\$ -	\$ -	\$ -
Percent of Total Bill							0.0%	0.0%	0.0%	0.0%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Section 3 Hourly Summary

January 2002 Hour Ending

ATE	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
		0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	Ü	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10			0	0	0
4	0	0	0	0	0	, û		3	2	2	3	5.	5.	0	0	0	0	0	0	0	0	0	0	0	20
5	0	0	0	0	()	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
8	0	0	0	0	0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0.0	10			F 60		0	0	0	0	0	0	0	0	0	0	0	0	0	59
10	0	0	0	0	0	0	0	0		14		15	0	0	0	0	0	0	0	0	0	0	0	0	44
11	0	0	0	0	0	0	υL	.15	·	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	Ð	0	0	0	0	0	0[0	0	0	0	0	0	0	0	0	0	οΓ		0	0	0	0
13	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	оΓ	0	<u>_</u> 0	0	0	0	10
14	0	0	0	0	0			.'.; <u>-5,</u> 0	0	0	0	0	0	0	0	0	0	οΓ	0		0	0	0	0	0
15	0	0	0	0	0	0	0 ინ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	oΓ	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ol	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	Ű	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	Ð	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0[0	0	0	0	0	0	0 0
26	0	0	O	0	0	U	0	0	0	0	0	0	ΟĮ	0	0	0	0	0 	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 nF	0	0	0 0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	U	0	υL	U	U	U	U	•	•	133	v	Ü	
	67.7%	Off-Pea	k Whee	ling		32.3% (Du-Peal	« W heel	ling										1	Fotal M'	wn=	133			1
		Hours of S	Self-Servi	ce Wheeli	ng 🖺	i je	lours of C	Optional F	Provision	Purchases	5	(Overlap o	of SSW an	d OP Puro	chase [Actual Pea	k Hous o	f Day			Fariff-Dei	fined Peak	Hours
																									-

February 2002 Hour Ending

TE	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00.	11:00	12:00	13.00	14:00	15:00	16:00	17:00	18:00 -	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0[0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	Ð	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	O	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0 🖟	10	.10	9.	9	0	0	- 0	0	0	0	10	1.0	58
12	10	10	10	9	10	10	0	0	0	0	0	0 :			5	9	0	0	0	0	0	0	10	10 16	102
13	10	10	10	9.	10.5	10	0_	0	0	0	0	0 §	4 9	10-	10	点位9	0	0	0L	0	0	0	0	0	97
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0
16	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	οL	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	Ü	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	U
20	0	0	Ð	0	0	0	0	0	0	0 5	14.	\$ 5	0_	0	0	0	0	0	0]	0	0	0	0	0	9
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	Ù	0	0	0	0_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0
26	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0_	0	0	0	0	()	0	0	0	0	0	0	0 _	0	0	0	0	0	0
28	0 33	5.0	1.25 S	14. 4£	ES3 (2)		0				是第3章		0	0	0	0	0	0	0	0	0	0	0	0	25

Total MWH =

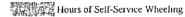
84.5% Off-Peak Wheeling

15.5% On-Peak Wheeling

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

291
Tariff-Defined Peak Hour





March 2002 Hour Ending

E	1 00	2.00	3 00	4 00	5.00	6 00	7.00	8:00	9:00	10:00	11 00	12 00	13 00	14.00	15.00	16:00	17 00	18-00	19.00	20:00	21:00	22.00	23.00	24.00	Sum
1	0	Ü	0	0	0	0	υΓ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	O	0	1000年	10 20 4	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	υ	υ	0	0	,	16		20					4 10 17 18 18 1				3.16			16	260
7	16.	.4.16	i - 15.	16.	16	. l6	. 15°	7.16	16	16	15	16	16	16	16	- 15d	16	16	16	學15	16 5	16	346	3 15 T	378
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	37.716	į;:`Ì6	."⊱1 <u>5</u> ∖	. 16	16	16	7 14	16	16	12	15	16	16.	16	16	1 <i>5</i> _	16	16	16	15	16	16	16	15	373
0	0	0	0	0	0	U	0	0	0	0	0	0	0	O	0	o[0	0	0_	- 0	0	0	0	0	0
i	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ø	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0[0	0	0_	0	U	0	0	0	0
4	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0	0	0	0	υ	0	0	0
٠6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	Ü	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	O	0	0	0	0	0	0_	Ü	0										0	0	0
19	0	0	0	0	0	0	0	0	0	0	0		3 100								10		0	0	0
20	0	0	0	0	0	0	0	0	0	0	0 2	F 15 0	0.0	- 0				20		100	(9)	0	0	0	0
15	0	Û	0	0	0	0	0	0	0	0		## OF										0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0[3	[2]		535	類問題	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0
24	0	0	0	0	0	0	0	0	()	0	0	U	U	0	0	0	0	0	0	0)	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	E PUL								0	0	0	0	0
26	O	0	0	0	0	U	0	0 🖏	18	17	18	1.8	0	0					0	0	0	0	0	0	71
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	Ü	이는	0]	0	0	0	0	0_	0	0	0_	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	Ū	0	0	0	0	0							0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0.0								0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0						0.0						0	0	0
																			T	otal MW	/H =	1.092			

22.7% Off-Peak Wheeling

77.3% On-Peak Wheeling

Hours of Self-Service Wheeling عَلَمُ الْعَالِمُ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّ

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Tariff-Defined Peak Hours

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

August 19, 2002

HAND DELIVERED

Ms. Blanca S. Bayo, Director Division of Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re:

Petition by Cargill Fertilizer, Inc. to engage in a pilot project for self service wheeling to, from, and between points within Tampa Electric Company's service area; FPSC Docket No. 001048-EQ

TRANSMITTAL OF CONFIDENTIAL INFORMATION

Dear Ms. Bayo:

Enclosed for filing on a confidential basis is one copy of Tampa Electric Company's Quarterly Report (Quarter II 2002) identifying the costs and revenues associated with the approved experimental self-service wheeling program. We would appreciate your protecting the enclosed filing from public disclosure pursuant to Section 366.093, Florida Statutes, and the Commission's Rule 25-22.006, Florida Administrative Code.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

JDB/pp Enclosures

Overview of Self-Service Wheeling Experimental Program

Pursuant to Florida Public Service Commission Order No. PSC-00-1596-TRF-EQ, dated September 6, 2000, Tampa Electric Company (TECO) and Cargill Fertilizer, Inc. (Cargill) are participating in an experimental program in which TECO provides Cargill with self-service wheeling (SSW) to, from and between Cargill's three locations identified as "New Millpoint", "Ridgewood Master" (fertilizer plants) and "Hooker's Prairie Mine".

According to the Order, transmission wheeling of self-service energy will be supplied under TECO's Open Access Transmission Tariff (OATT) on file at the Federal Energy Regulatory Commission (FERC). Any applicable charges for under-delivery of scheduled energy will be collected under TECO's Open Access Generation-to-Schedule Imbalance (GSI) Service. For the duration of this pilot program (initially limited to two years), TECO will submit quarterly reports, such as the attached, that identify the costs and revenues associated with this program.

The first section of the quarterly report is a summary page designed to provide information regarding Cargill's actual energy (MWH) reduction attributable to SSW¹, the basis for the GSI service charge and the net revenue gains or losses for other TECO ratepayers. This page also includes TECO's monthly peak information. When SSW occurs, TECO's incremental fuel expense for serving this energy is avoided (except when Cargill under-delivers and TECO serves the energy shortfall via the GSI service). Ratepayers lose fuel revenue when the avoided incremental fuel expense is less than the otherwise applicable tariff fuel rate. Conversely, ratepayers benefit if the reverse is true. Cargill's self-service energy is assumed to be an incremental increase to TECO's energy supply. Therefore, any SSW MWs in hours that are coincident with hourly spot sales of energy are assumed to have contributed to the sales.

The second section shows the impact of SSW on Cargill's electric bills for each of the three Cargill locations. It provides the billing components before and after the SSW energy reduction adjustment. Cargill's SSW is non-firm and therefore assumed to have no impact on the billing demand used to calculate demand charges for retail electric service. Although all billing components are shown, only the energy-related components are impacted.

The third section provides a graphical presentation of the hours of SSW (including whether on-peak or off-peak); the hours of optional provision purchases; the hours of overlap of SSW and optional provision purchases, and the actual peak hour for each day. Over time these charts may assist in the assessment of reliability impacts to both TECO and Cargill.

The self-service wheeling pilot was in part designed to identify issues in providing self-service wheeling to retail customers. Tampa Electric recently identified one such issue. Cargill is taking GSI Service under Schedule 4A of Tampa Electric's OATT to assure that

¹ SSW energy occurring during hours of optional provision purchase is excluded from the actual energy reduction amount in the Ratepayer Impact Section of this report. Lost revenues and avoided fuel expense are not applicable to this energy, as it would have otherwise been served through optional provision purchases and not by Tampa Electric.

its schedules from its points of receipt to the transmission system are achieved for transfer to its points of delivery. Tampa Electric has been providing GSI service under the OATT; however, GSI is not a service that must be provided solely by Tampa Electric. Under the OATT, Cargill can elect to secure this service from other wholesale suppliers. Securing power from another supplier for retail load within Tampa Electric's service area is not allowed under Florida law. Cargill has not sought such service, but Tampa Electric believes that it should have filed for a waiver from FERC prior to implementation of the pilot program. The waiver would have asked to prohibit Cargill from seeking GSI service from another supplier. Given that the pilot program is due to terminate by September 30, 2002 and Cargill has not sought to change suppliers of GSI, Tampa Electric will not seek such a waiver from FERC.

TECO has shared the information in this report with Cargill. TECO and Cargill will continue to work together to optimize the benefits of SSW to TECO ratepayers and Cargill.

Section 1

Impact of Self-Service Wheeling on Other Tampa Electric Ratepayers



Impact of Cargill Self-Service Wheeling (SSW) Pilot - 2nd Quarter 2002

(1)	Actual Energy Reduction from SSW - MWH (Reduced by Optional Provi		pril		May vtr		June	2nd Q	tr. 2002
(2)	Cargill New Millpoint Plant (SBI-3)	SIULI	19	171 1	<u>117</u>		2		138
	Cargill Ridgewood Master Plant (SBI-1)		5		17		123		145
	Cargill Hooker's Prairie Plant (IST-1)		0		<u>0</u>		0		<u>0</u>
	Total Cargill SSW		24		134		125		283
(2)	Actual SSW Under-delivered - MWH								
	Basis for Generator-to-Schedule Imbalance (GSI) Service		83		68		54		205
(3)	Revenue Gains/Losses (+/-)								
	Base Energy	\$	(236)	\$	(1,308)	\$	(1.287)	\$	(2,831)
(4)	Environmental Cost Recovery Charges (\$1.51/MWH)	\$	(36)	\$	(202)	\$	(189)	\$	(427)
(5)	Conservation Cost Recovery Charges (\$0.41/MWH)	\$	(10)	\$	(55)	\$	(51)	\$	(116)
(6)	Capacity Cost Recovery Charges (\$0.22/MWH)	\$	(5)	\$	(29)	\$	(28)	\$	(62)
(7)	Fuel & Purchased Power Cost Recovery:								
	Lost Retail Tariff Time-Of -Use Fuel Revenues	\$							
	Avoided Incremental Fuel and Purchased Power Expense	\$							
	Net Impact to Fuel Recovery Clause	\$							
(8)	Transmission Wheeling:								
	Schedule 8 - Non-Firm Point-to-Point Transmission Service (\$1.267/MWH)	\$	30	\$	170	\$	158	\$	359
	Schedule 2 - Reactive Supply (\$0.10/MWH)	\$	2	\$	13	\$	13	\$	28
	Schedule 1 - Scheduling (\$0.13/MWH)	\$	3	<u>\$</u>	17	\$_	16	\$	37
	Total Transmission Wheeling	\$	36	\$	201	\$	187	\$	424
(9)	Net GSI Service Charges	\$	399	\$	323	\$	187	\$	909
(10)	Opportunity Sales	\$	-	\$	-	\$	-	\$	-
(11)	Refund Credit [Only June 2002] (\$-0.123/MWH)	\$	-	\$	-	\$	15	\$	15
	Net Impact	\$	215	\$	(407)	\$	(2,217)	\$	(2,410)
	Tampa Electric Monthly Peak: Date Hour MW		4/30/02 17:00						
	JAT AA		3,192						

Notes

- (1) This report is based on calendar month data. Actual customer bills, which are based on billing cycles, may be different due to billing-driven meter reading dates.
- (2) These values represent the differences between the self-service MWs that Cargill scheduled in each hour and the self-service MWs that were actually delivered to Tampa Electric's transmission system in each corresponding hour. Shortfall energy is supplied via Tampa Electric's GSI service at 110% of Tampa Electric's incremental cost for each hour GSI service is required.
- (3) Revenue losses are calculated by multiplying the IST-1 energy charge (\$10.78/MWH) by the reduced energy for Hooker's Prairie; the SBI-1 supplemental energy charge (\$10.78/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for Ridgewood Master; and the SBI-3 supplemental energy charge (\$13.27/MWH) and standby energy charge (\$9.61/MWH) by the reduction in supplemental energy and standby energy, respectively, for New Millpoint.
- (4) Environmental Cost Recovery Charge is multiplied by the SSW MWH.
- (5) Conservation Cost Cost Recovery Charge is multiplied by the SSW MWH.
- (6) Capacity Cost Recovery Charge is multiplied by the SSW MWH.
- (7) The fuel impact represents the difference between the avoided incremental fuel and purchased power expense during hours of SSW and the loss in tariff time-of-use fuel revenues for those same hours.
- (8) Open Access transmission tariff wheeling charges are multiplied by the SSW MWH.
- (9) Calculated by multiplying the 10% gain on the hourly incremental fuel and purchased power expense including SO2 allowances and variable O&M times the GSI MWHs in each hour. The 10% has been treated as a true gain as opposed to a premium designed to cover hard-to-quantify additional costs. The dollars gained are credited to the Fuel and Purchased Power Recovery Clause.
- (10) Calculated by multiplying the \$/MWh gain on hourly spot energy sold (if any) in hours that coincided with Cargill's SSW times the actual SSW MW (less GSI MW) wheeled during that hour. These dollars are credited to the Fuel and Purchased Power Recovery Clause.
- (11) Refund Credit is multiplied by the SSW MWH.

Section 2

Impact of Self-Service Wheeling on Cargill's Electric Bills

Impact of Self-Service Wheeling on Cargill Electric Bill for Millpoint Plant

Billing Components for 2nd Quarter 2002 Before and After Self-Service Wheeling⁽¹⁾

			Befor	SSW			I		Λí	iter SSW						lmpa	ct of SS	w		
New Millpoint (SBI-3)		April	М	a y		June	I	April		May		June	A	pril		May		lune		Quarter 2
Actual Billing Determinants: (2)									1				1							
Energy On-Peak	1	887,450	3	73,766	1	207,531	.]	728,450	1	237,766	1	189,531	1	59,000	-	136,000		18,000		313,000
Energy Off-Peak	2	,600,092	1 4	53,874		728,916		2,585,092	1	448,874		728,916		15,000		5,000	i	-	ı	20,000
Supplemental Demand (kW)	- 1						1	-					1	_		-	1	-	1	-
Standby Billing Demand (kW)	-	36,987		36,987	1	36,987		36,987		36,987	Î	36,987	1	_		-	1			-
Actual Standby Briling kW	1	150,728	1	00,737		61,557	1	150,728		100,737	1	61,557		-	-	-	İ	-		-
Supplemental Energy (kWh)			1	-	1		1		Ì		ĺ			-	1	-	1	-	1	-
Standby Energy (kWh)	3	,487,542	8	27,640	ł	936,447	1	3,313,542	1	686,640	1	918,447	1	74,000	1	141,000		18,000	1	333,000
Power Factor %	Ì	95 28	ļ	95 36		95 11		95.28		95.36		95 11		-		-		-	1	-
Applicable Tariff Rate/Charge:																	1			
Customer Facilities (\$/bill)	i	1,025	l	1,025	ļ	1,025		1,025		1,025	1	1,025		_	1	_	1	_	ŀ	_
Supplemental Demand (\$/kW-mo)	- [1.45		1 45	1	1.45	1	1.45	İ	1 45		1 45	ł	_		_	į .	-	1	-
Stand-by Demand (\$/kW-mo)	•	0 95		0.95	1	0.95		0.95		0.95	1	0.95	I	_	l	-	l	-		_
Bulk Transmission Reservation (\$/kW-mo)		0.09	1	0.09		0 09		0 09		0.93		0.99		_	1	_	į	_	1	_
Bułk Transmission Demand (\$/kW-day)	ı	0.03		0.03		0.03		0 03		0.03	l	0.03	1			_	1	-	1	- !
Supplemental Energy (¢/kWh)	1	1.327	1	1 327		1.327	1	1 327		1 327		1.327	I	_	1	_	l	-	1	_ {
Standby Energy (¢/kWh)	1	0.961		0 961	1	0 961	1	0 961		0.961		0 961	1	_	İ	~	ŀ		1	_
Metering Level Discount (% of D&E charges)	ı	0.501		1	1	1		1		1		1	ł	_	1	_	1	_	1	_
Transformer Ownership Disc. Supp. (\$/kW-mo)	ł	0.23		0.23	ľ	0.23	1	0 23		0 23		0 23	1	_		_		_	1	_
Transformer Ownership Disc. Studby (\$/kW-mo)	1	0.21		0.23	1	0.23	1	0.21	}	0 21	1	0.21	İ	_	1	_	1		1	_
On-Peak Fuel Charge (¢/kWh)		4 425		4 425	1	4 425		4,425	1	4.425	1	4 425	Į.	_		_	1	_	1	_
Off-Peak Fuel Charge (¢/kWh)	1	2 725	ł	2.725		2.725	1	2.725	1	2 725		2.725	l	_	1	_	1	_	l	_
Energy Conservation Charge (¢/kWh)		0.041	i	0 041		0 041	1	0.041	1	0 041	1	0.041		_	1	_		_	l	_
Capacity Charge (¢/kWh)	1	0.022		0 022	1	0 022	ì	0.022	İ	0.022		0 022	l			_	1	_	1	_ [
Environmental Cost Recovery Charge (¢/kWh)	1	0 151		0.151	l	0 151	1	0.022		0.022	ļ	0.151	1		l	_	ł		i	
Refund (¢/kWh)	1	0 151	l	0.131		(0.123)	J	0 131	l	0.151		(0.1230)	l	_	ļ	_	1	_		_
Florida Gross Reciepis Tax (%)		2.5641	1	5641		2.5641	1	2 5641		2.5641	1	2.5641		-	ļ	-		-		-
Actual Charges : (3)																				
•	1.	1,025	¢	1,025	\$	1,025	١.	1,025	\$	1,025	\$	1,025	\$		\$	_	\$		5	_ [
Customer Facilities Charge	s	LyUnia	\$	1,025	\$	1,025	\$	1,023	\$	1,020	\$	1,023	ŝ	-	\$	-	\$	-	\$	_
Supplemental Demand	1 8	35,138		5,138	\$	35,138	\$	35,138		25 120	\$	35,138	\$	-	\$		\$	-	ŝ	· · ·
Stand-by Demand	s				\$		\$			35,138	\$		1 s	-	\$	-	\$	•	3	- 1
The greater of. Bulk Transmission Reservation, or	l s			3,329	\$	3,329	1	3,329	1	3,329	\$	3,329	\$	-	5	_	\$	•	s	
Bulk Transmission Demand	\$	4,522	\$	3,022	\$	1,847	\$	4,522	\$	3,022	\$	1,847	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-	\$	-	\$	_	\$	· 1
Supplemental Energy	\$	33,515		7,954	\$	8,999	\$	21 042	\$	6,599	\$	8,826	\$ \$	1,672	\$	1,355	\$	173	\$	3,200
Standby Energy	\$	39,270		6,539	\$		1	31,843	1 -	,				•	\$	6,018	\$	797	\$	13,850
On-Peak Fuel	\$	70,853		2,368	\$	9,183	\$	32,234	\$	10,521	\$	8,387	\$ \$	7,036 409	\$	136	\$	191	5	13,630
Off-Peak Fuel	1.					19,863	1					19,863			1			- 7	\$	
Energy Conservation Charge	\$ \$. ,	\$	339	\$	384	\$	1,359		282		377	\$	71	\$	58	\$ \$	7 4	\$	137 73
Capacity Charge	\$	767	\$ \$	182 1,250	\$	206	\$		\$	151		202	\$	38 263	\$	31 213	\$	27	\$	
Environmental Cost Recovery Charge		5,266				1,414		.,	\$	1,037	\$	1,387	\$		1 '	213		21	1	503
I ransformer Discount	\$ \$	(7.767)	\$	7,767)	\$	(7,767)		(7,767)	•	(7,767)	Þ	(7,767)		- (17)	\$	- (1.4)	\$	(2)	\$	(22)
Meter Level Discount	\$			(464)	İ	(474 66)	\$ \$	(715) 52.204		(451)		(472 93)	\$	(17) 6 723	\$	(14)	\$	(2)	1	(32)
Purchased Energy	1	. 1		1,770		1,953.95	l '	52,204	\$	87		1,950 32	Þ	6,732	Þ	1,684	\$	4	\$	8,419
Power Factor Adjustment +/- ⁽⁴⁾	\$	(578)		39.54)		(149)	\$	(549)	\$	(116)	\$	(147)	\$	(29)	\$	(24)	\$	(3):	\$	(55)
Refund	\$	-	\$	-	\$	(1,152)	\$	-	\$	- 1	\$	(1,130)	\$	-	\$	-	\$	(22)	\$	(22)
Florida Gross Receipts Tax	<u>\$</u>	6,196		1,834	\$_	1,874	\$_	5,781	\$	1,591	\$	1,849	\$	415	\$	242	\$	26	\$	683
Total Electric Charges	\$ 2	247,841	\$ 7	3,357	\$	73,826	\$	231,251	\$	63,657	\$	72,815	\$ 1	6,590	\$		\$	1,011	\$	27,301
Percent of Total Bili							Ī							6.7%		13 2%		1.4%		6.9%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the conesponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Ridgewood Plant

Billing Components for 2nd Quarter 2002 Before and After Self-Service Wheeling⁽¹⁾

			Before SSW				- 1	After SSW					Lmpa	ct of SSW			
Ridgewood Master (SBI-1)		A pril	May	June		April		May	$oldsymbol{\mathbb{L}}$	June	April		May	June		Qua	rter 2
Actual Billing Determinants: (2)	- 1		1				\top										_
Energy On-Peak		789,169	358,249	488,0)55	709,169	1	358.249)	435,055	80,00	0	-	- 1	53,000	ł	133,000
Energy Off-Peak		2,741,247	2,251,24:	5.738,	44	2,699,247	7	2,230,245	5	5,668,144	42,00	0	21,000	}	70,000	1	133,000
Supplemental Demand (kW)	ı	12,005	14,563	3 11,9	159	12,005	5	14,563	3	11,959	-	-	-	1	-	1	. (
Standby Billing Demand (kW)		52,000	52,000	52,0	000	52,000)	52,000		52,000	_	ı	_		_	1	0
Actual Standby Billing kW	1	79,276	76,300	70,5	22	79,276	5	76,300)	70,522	-	ı	_	ł	_	1	(
Supplemental Energy (kWh)	ĺ	1,151,026	2,195,654	4,189,9	28	1,029,026		2,174,654	:	4,116,928	122,00	o l	21,000	1	73,000	ľ	216,000
Standby Energy (kWh)	1	2,379,390	413,840	2,036,2	71	2,379,390		413,840)	1,986,271	-				0,000		50,000
Power Factor %	1	64.13	43 97	79	75	64.13		43.97		79.75	-		-		-		·
Applicable Tariff Rate/Charge:																	
Customer Facilities (\$/bill)	J	1,025	1,025	1,0	25	1,025	1	1,025	:	1,025		1	-	1	-	ŀ	-
Supplemental Demand (\$/kW-mo)	- 1	1 45	1.45		45	1 45		1 45		1.45		ĺ	-	1	-	Ĭ.	-
Stand-by Demand (\$/kW-mo)	- 1	0 95	0.95	1	95	0.95		0.95		0 95	P .		-		-	,	-
Bulk Transmission Reservation (\$/kW-mo)	- I	0 09	0.09	1	09	0 09		0 09	ı	0.09	-		_	1	-	}	_
Bulk Transmission Demand (\$/kW-day)	- 1	0.03	0.03		03	0.03		0.03		0.03	-	1	_		-	1	-
Supplemental Energy (¢/kWh)	- 1	1.078	1 078			1 078	1	1 078	1	1 078		1	_		_	}	_
Standby Energy (¢/kWh)	1	0 961	0.961			0 961		0.961		0.961]	-	_		-		_
Metering Level Discount (% of D&E charges)	-	1		1 ""	î	1		1		1	_		-	1	_		_
Transformer Ownership Disc. Supp. (\$/kW-mo)	1	0 23	0.23		23	0 23		0 23		0.23	_		_	ļ	_		_
Transformer Ownership Disc. Studby. (\$/kW-mo)	- 1	0 21	0.21	1	21	0.21	ļ	0.21		0.21] _	1	_]	-		-
On-Peak Fuel Charge (¢/kWh)	- 1	4.425	4.425			4.425	1	4.425		4.425	_	1			_		_
Off-Peak Fuel Charge (¢/kWh)	j	2.725	2.725			2 725	1	2.725		2 725	1 -		-	1	-		_
Energy Conservation Charge (¢/kWh)	ŀ	0.041	0 041	00		0.041		0.041	1	0 041	_	1	_	1	-		
Capacity Charge (¢/kWh)	1	0.041	0 022	1		0.022	İ	0.041		0 022]		_		_		_
Environmental Cost Recovery Charge (¢/kWh)	ŀ	0.151	0 151	J.		0.022	1	0.151	1	0 151			_		_		-
Refund (¢/kWh)	l	0.121		(0.1		0.151		0.131	1	(0.12)			_	}	_		
Florida Gross Reciepts Tax (%)		2 5641	2.5641	2 56		2.5641		2 5641		2.5641	-		-		-		
Actual Charges: (3)	ł										į						
Customer Facilities Charge	1 s	1.025	\$ 1,025	\$ 1.0	25 \$	1,025	\$	1,025	\$	1,025	s -	\$	_	\$	_	\$	_
Supplemental Demand	l s	17,407	\$ 21,116			17,407		21,116		17,341	\$ -	s	_	\$	-	\$	_
Stand-by Demand	s	49,400	\$ 49,400	1 '	1 '	49,400	\$	49,400		49,400	\$ -	\$	_	\$	- [\$	-
The greater of. Bulk Transmission Reservation; or	\$	4,680	\$ 4,680	1 '		4,680	\$	4,680		4,680	\$ -	s	_	\$	- 1	\$	-
Bulk Transmussion Demand	\$	2,378	\$ 2,289	1 '		2,378	\$	2,289	1 '	2,116	ľ	'		1		•	
Supplemental Energy	s	12,408	\$ 23,669	1		11,093	\$	23,443		44,380	\$ 1,315	1 8	226	1 \$	787	\$	2,328
Standby Energy	s	22,866	\$ 3,977	\$ 19.5		22,866	\$	3,977		19,088	\$ -	5	-	\$	481	\$	481
On-Peak Fuel	\$	34,921	\$ 15,853	1		31.381	\$	15,853		19,251	\$ 3,540	\$	-	\$	2,345	\$	5,885
Off-Peak Fuel	\$	74,699	\$ 61,346	1	- 1	73,554	\$	60,774		154,457	\$ 1,145	1	572	1 '	1,908	\$	3,624
Energy Conservation Charge	\$	1,447	\$ 1,070			1,397	\$	1.061	\$	2,502	\$ 50	4	9	\$	50	\$	109
Capacity Charge	\$	777	\$ 574			750	\$	569	\$	1,343	\$ 27	\$	5	1 *	27	\$	59
Capacity Charge Environmental Cost Recovery Charge	\$	5,331	\$ 3,940			5,147	\$	3,909	1 '	9,216		Į Ψ	32	s		\$	402
Transformer Discount	\$	(13,681)	\$ (14,269)	1		(13,681)	4	(14,269)		(13,671)		\$	24	\$	50	S	~2
Meter Level Discount	J **	(1,068)	\$ (1,028)		(2) \$	(13,081)		(14,209)		(13,071)		1	(2)	1 '	(13)	\$	(28)
Meter Level Discount Purchased Energy	s	18,820	\$ 536	1	6 \$	18,381		350			\$ 439		187	\$	- (13)	\$	625
25	,			l .			1		1		,	1		1 '	ji ji	Ψ	
Power Factor Adjustment +/- (4)	1,3	4,072	\$ 7,426	1	3 \$	3,931	\$	7,366	\$	1,669	\$ 141	\$	60	\$	34	\$	234
Refund	,		\$ -	1	8) \$	-	\$		\$	(7,507)		\$	-	\$		\$	(151)
Flonda Gross Receipts Tax Fotal Electric Charges	1	5,977 239,081	\$ 4,598 \$ 183,913	\$ 8,24 \$ 322.06		5,802	\$	4,570	\$	8,094	\$ 175	\$	28	\$	149	<u>\$</u>	352
Ť	"	237,001	ψ 103,913	\$ 322,06	8 5	232,079	3	182,797	\$	316,267	\$ 7,002	\$	1,116	\$:	,802	\$	13,920
Percent of Total Bill				<u> </u>					Į		2.9%	,	0 6%	l	18%		1.9%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Impact of Self-Service Wheeling on Cargill Electric Bill for Hooker's Prairie Mine

Billing Components for 2nd Quarter 2002 Before and After Self-Service Wheeling(1)

			В	efore SSW			T			After SSW			T			Impa	ct of S	sw		
Hooker's Praixie (IST-1)		April		May	厂	June		April	L	May	I	June		April		May	T	June	1	Quarter 2
Actual Billing Determinants: (2)	1		1						1						T					
Demand (kW)	- 1	2,457	'	2,583		2,520		2,457		2,583		2,520		_		_		_	1	
On-Peak Energy (kWh)	- 1	178,385	;	140,994	.	136,143	1	178,385		140,994		136,143		_		_		_	1	
Off-Peak Energy (kWh)	1	482,107	'	577,710	1	603,855	1	482,107		577,710		603,855		_		_		_	l	_
Power Factor %		68 96		70.16		69.30	1	68.96		70.16		69.30		-		-		-		-
Applicable Tariff Rate/Charge:																				
Customer Facilities (\$/bill)		1,000		000,1		1,000		1.000	1	1.000		1.000	i	_	1	_		_		_
Demand (\$/kW-mo)		1 45		1.45		1.45		1 45		1.45	1	1.45	l .	_		_		_		
Energy (¢/kWh)	- 1	1.078		1.078	1	1 078	1	1 078		1.078		1.078	1			_		_	ı	_
Metering Level Discount (% of D&E charges)	- 1	1	1	1	1	1	1	1		1		1	1	_		_				_
Transformer Ownership Discount (\$/kW-mo)	- 1	0.23		0 23	J	0.23	1	0.23		0.23	1	0.23	l	-		_		_	1	_
On-Peak Fuel Charge (¢/kWh)		4.425		4 425	[4.425		4,425		4.425		4 425	i .	_	1	_	}	-	1	_
Off-Peak Fuel Charge (¢/kWh)	- 1	2 725	1	2.725		2.725	1	2.725	1	2 725		2 725		_	1	_	1	_	1	_
Energy Conservation Charge (¢/kWh)	1	0.041		0.041	1	0 041	1	0 041		0.041	1	0.041		_		~	1	_		_
Capacity Charge (¢/kWh)	1	0.022		0.022		0.022	1	0.022		0.022		0.022	ļ	_		_		_	H	_
Environmental Cost Recovery Charge (¢/kWh)	- 1	0.151	1	0.151		0.151	1	0.151		0 151		0.151	i	_	1	_		_	1	-
Refund (¢/kWh)	- 1	-	1	-	1	(0.123)	1	_	1	_	1	(0.123)	ı	-	1	_	1			_
Flonda Gross Reciepts Tax (%)		2 5641		2 5641		2.5641		2 5641		2.5641		2.5641	ŀ	-		-		-		-
Actual Charges : (3)																				
Customer Facilities Charge	\$	1,000	\$	1,000	\$	1,000	\$	1,000	\$	000,1	\$	1,000	\$	-	\$		\$	-	s	_
Demand	\$	3,563	\$	3,745	\$	3,654	\$	3,563	\$	3,745		3.654	\$	-	\$		\$	-	\$	-
Energy	\$	7,120	\$	7,748	\$	7,977	\$	7,120	\$	7,748	\$	7,977	\$	-	\$	_	\$	-	\$	-
On-Peak Fuel	\$	7,894	\$	6,239	\$	6,024	\$	7,894	\$	6,239	\$	6,024	\$	-	\$	-	\$	-	\$	_
Off-Peak Fuel	\$	13,137	\$	15,743	\$	16,455	\$	13,137	\$	15,743	\$	16,455	\$	-	\$	_	\$	-	\$	_
Energy Conservation Charge	\$	271	\$	295	\$	303	\$	271	\$	295	\$	303	\$	-	\$	-	\$	_	\$	_
Capacity Charge	\$	145	\$	158	\$	163	\$	145	\$	158	\$	163	\$	_	\$		\$		\$	_
Environmental Cost Recovery Charge	\$	997	\$	1.085	\$	1,117	\$	997	\$	1,085	\$	1.117	\$	_	\$	_	\$	_	\$	_
Transformer Discount	\$	(565)	\$	(594)	\$	(580)	\$	(565)	\$	(594)		(580)		-	\$	_	\$	_	\$	_
Meter Level Discount	\$	(107)	\$	(115)	\$	(116)	\$	(107)		(115)		(116)		-	\$		\$	-	\$	_
Purchased Energy	\$	5,779	\$	692	\$	763	\$	5,779	\$	692	\$	763	\$	-	\$	_	\$		\$	_
Power Factor Adjustment +/- (4)	\$	569	\$	• 569	\$	622	\$	569	\$	569	\$	622	\$	_	\$	_	\$	_	\$	_
Refund	\$	-	\$	-	\$	(910)	\$	-	\$	-	\$	(910)	\$	_	\$	_	\$	_	\$	_
Florida Gross Receipts Tax	\$	1,021	\$	938	\$	935	\$	1,021	\$	938	\$	935	\$	-	\$	-	\$	_	\$	_
Iotal Electric Charges	\$	40,824	\$	37,502	\$	37,408	\$	40,824	\$	37,502	\$	37,408	\$	-	\$	-	\$	-	\$	
Percent of Total Bill														0.0%		0.0%		0.0%		0.0%

⁽¹⁾ All billing components are shown; however, only the energy related components are impacted by self-service wheeling.

⁽²⁾ Actual billing determinants based on billing cycle meter reading date. Energy consumption in the corresponding calendar month may be different.

⁽³⁾ Excludes optional provision purchases and county taxes.

⁽⁴⁾ The power factor adjustment is positive for monthly power factors below 85%, negative for power factors above 90%. No adjustment is made for power factors 85 % to 90%.

Section 3

Hourly Summary

April 2002 Hour Ending

ATE	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00 2	1:00	22:00	23:00	24:00	Swn
1	0	0	0	0	0	0	0	0	0				- 10	<i>1</i> = 0.	:0	\$50,00				y zamy			0	0	0
2	0	0	0	0	0	0	0	0	0	0	$ \sim$ 0		- 0	se m	10		7 11 31	12 . 17	er erin		D.		0	0	0
3	0	0	0	0	0	0	0	0	0_	15	15	9				0							0	0	39
4	0	0	0	0	0	0	0	0	0			1		3	2	1	l	. 2	4	8	3		0	0	27
5	0	0	0	0	0	0	0	0	0	0	0	0	0		9.0	- 0				0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0.	0	0	0	0	0	0	0	()	0	() 	()	0	0	() ESSENCE	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	经经济的 经中央的		CONFIDENCIAL PRINTERS				0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	()	12	12	11	12	1		1		0	0	49
10	0	0	0	0	0	0	0	0	0	0	0	0	0		0			l (0°		a di di			0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0									0	0	0	0
12	0	0	0	0	0	0	0	0	0	0 5	U		U	0	U		0	0	0	0	U	U 96888	0	0	0
13	0	0	0	0	0	0	0	0	0	U			1, 101	1 1 1 1 1 1 1		1					W.		U CONTRACTOR	0	ľ
14	0	0	0	0	0	0	0	Ü	0	U								7		1	13			0	. I
15	0	0	U	0	0	0	0	U	0	U iii					2	0			14	14	13			0	41 52
16	0	0	0	0	0	0	0	0	0	0	0	U I		1 0 🖺	3	8 	9 10			0	0	O O	0	0	<i>32</i>
17	0	0	0	0	0	0	0	0	0	0	0	o o			(e)			***					0	0	0
18	0	0	0	0	0	0	0	0	0	0	o O.≅				i i i					h 7.	À				n
19	0	0	0	0	0	0	0	0	0	0.8				-					'n		ni i	1.0		0	0
20	0	0	0	0	0	0	0	0	0	0								, 17T L		A D		10		0	0
21	0	n n	0	0	0	0	n	0	0	n B				5.5			i		6	5	6	17		o	17
23	0	0	0	0	0	0	0	0	0	0.5			101	10	(i.a)	Jak	1						5.426	0	0
24	0	ο	ő	0	0	0	0	0	Õ	0	()	0	10	1		16					1.0	ī		0	0
25	0	0	0	0	0	0	0	0	0	0	0		101			8	7	8	8	7	8	8	0	0	54
26	0	0	0	ő	0	0	0	0	0	0	0	() ()	0	ī.		e e fina	i Ticae)	TREAM		0	44	33	0	0	7
27	0	0	Ů.	0	0	0	0	0	0	0	0	0				- 10	i i						0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	()	()	0	15-10	0.0	į į	()	0	()	0	0	0
29	0	0	ő	0	0	0	0	0	0	0	0	Ú	0	0	0	0	C	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2	4	1	1 🕏		0	0	0	0	9

Total MWH =

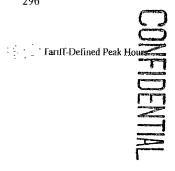
19.3% Off-Peak Wheeling

80.7% On-Peak Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day



Hours of Self-Service Wheeling

May 2002 Hour Ending

ATE	1:00	2:00	3:00	4:00	5:00	6.00	7:00	8 00	9:00	10:00	11:00	12:00	13:00	- 14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	Sum
1	0	0	0	0	0	0	0	0	0	0	0	0	0	建活想	理想到	7	7		0	0	0	0	0	0	36
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		1500	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	11	14	7	2 7 / 3	131.4	5	0	0	47
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	5	prisb:	網灣		0	0	21
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		is Hail		7.00	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\hat{\mathbf{z}} = 0$		# # O		0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0_	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				0			0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	10		0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0									0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0_	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0.	0	0	0	0	0.5		0	0	0	0	0	0
17	0	0	0	0	0	0	0	O	0	0	0	0_	0		-0.0		j., 0	1 = 10				0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0 鏖		PER U						0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 #	115	12	THE STATE	12	12	0	0	0	58
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																			T	otal M V	/H =	162			

16.0% Off-Peak Wheeling

84.0% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase

Actual Peak Hour of Day

Tanff-Defined Peak House

June 2002 Hour Ending

ATE	1:00	2:00	3:00	4.00	5.00	6:00	7.00	8:00	9:00	10.00	11:00	12:00	13:00	:14:00	15:00	16:00	17:00	18:00	:19:00	20:00	21:00	22.00	23 00	24.00	Sum
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	υ	0	0	0	0	0	0	0	0	0	0	0	- 0	F (1900)	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	接受禁① :	1 CH 2 2	7 5 5 5 5	- 63		到 10分	10.5	10	0	0	0	50
5	0	0	0	0	0	0	0	0	0	0	0	0	20,100					50.0		0	0	0	U	0	0
6	0	0	0	0	0	0	0	0	0 3	4	6	(FEE)	0	0	0	0	0	0	0	0	0	0	0	0	13
7	0	0	0	0	0	0	0	0	0	0	0_	0	0	00	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	O						0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	10.						0	0	0	O	0	0	0
11	0	0	0	0	0	0	0	0	Ü	0	0	0	0	0	0	0_	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	()	0	0	0_	0	0	0	0	0		-761				0	0	0	0
13	0	0	0	0	0	0	0	0	0	0_	0		10	e de Me				100	- Li 10	2.0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0				rz saint		8	0	- 101		e viel	0	0	0	0	8
15	0	0	0	0	0	0	0	0	0	0	0 日			(1)	- 10		0	1()		0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0_	0			12.00					0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0 8		0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	0	0	0_	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0
20	0	0	0	0	O	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0 🖑	10,	10	10		, N. 731	0	0	0	0	0	0	0	0	0	0	0	34
26	0	0	0	0	0	0	0	0 🖟	10	6点	10	U	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0_	5	4	1		0.0		0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0		out the		0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0					4.00		0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	## OF		0	0	0	0	0	0	0	0	0	0	0

Total MWH = 141

175.9% Off-Peak Wheeling

598.6% On-Peak Wheeling

Hours of Self-Service Wheeling

Hours of Optional Provision Purchases

Overlap of SSW and OP Purchase Actual Pe

Actual Peak Hour of Day

Tariff-Defined Peak Hours

