BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 040032-EG

PREPARED DIRECT TESTIMONY AND EXHIBIT OF ANGELA T. CARTER

JUNE 1, 2004

GULF POWER

A SOUTHERN COMPANY

Gulf Power Company

Before the Florida Public Service Commission
Prepared Direct Testimony of
Angela T. Carter
Docket 040032-EG
June 1, 2004

Q. Will you please state your name, business address, employer and position?

A. My name is Angela T. Carter and my business address is One Energy Place, Pensacola, Florida 32520. I am employed by Gulf Power Company as the Economic Evaluation and Market Reporting Team Leader.

Q. Please summarize your educational background and professional experience.

A. I have been employed by Gulf Power Company since 1983. In 1988 I graduated from Troy State University in Pensacola, Florida with a Bachelor of Science Degree with majors in Accounting and Business Administration. I have held various positions of increasing responsibility with Gulf Power in Customer Service, Tax Accounting, Auditing, Corporate Accounting and Customer Accounting. Currently, I am the Economic Evaluation and Market Reporting Team Leader.

Q. Have you previously testified before this Commission?

A. Yes, I have testified for Gulf Power Company in the Energy Conservation Cost Recovery (ECCR) docket.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to propose seasonal peak demand and annual energy conservation goals for Gulf Power for the period 2005 through 2014 and to provide 10-year projections of the total cost-effective winter and summer peak demand (kW) and annual energy (kWh) savings reasonably achievable in the residential and commercial/industrial classes through demand side management.

Q. Have you prepared an exhibit in support of your testimony?

A. Yes, I have.

Counsel: We ask that Ms. Carter's exhibit consisting of 3 schedules be marked for identification as:
Exhibit No. _____ (ATC-1)

Q. What goal levels are appropriate and reasonably achievable for Gulf Power Company for seasonal peak

demand and annual energy conservation for the period 2005 - 2014?

A. The Company's proposed seasonal peak demand and annual energy conservation goals for the period 2005 through 2014 are contained in Schedule 1 of my exhibit (ATC-1). These goals, based upon Gulf's most recent planning process, are the total cost-effective winter and summer peak kW demand reductions and the annual kWh savings which are reasonably achievable through implementation of demand side programs in Gulf Power's service area for the residential and commercial/industrial classes. The basis for the goals is the maximum kW and kWh associated with all measures that passed both the Rate Impact Measure (RIM) and participant's test.

Q. What portfolio of residential measures provides the basis for the proposed goals?

A. The final portfolio of residential market measures are contained in Schedule 2 of my exhibit (ATC-1) and consists of the following: ground source heat pumps, high efficiency room air conditioners, best current refrigerators - frost free and manual defrost and GoodCents Select.

Q. What portfolio of commercial and industrial measures provides the basis for the proposed goals?

A. The final portfolio of commercial and industrial demand side measures are contained in Schedule 3 of my exhibit (ATC-1) and consists of the following: high efficiency room air conditioners (PTAC), heat pump water heaters, energy efficient electric fryers, commercial GoodCents buildings and real time pricing.

Q. Please summarize the process used to determine the proposed goal levels.

A. Gulf reviewed the 120 measures analyzed in Docket No. 971006-EG and determined there were no changes in technology or market conditions that warranted further analyses for inclusion in this goal setting process. Gulf then undertook an assessment of the market segments and major end-use categories listed in Rule 25-17.0021 that were cost effective in the goals established by the Commission by Order No.PSC-99-1942-FOF-EG. In addition, Gulf evaluated measures contained in the Company's approved ECCR programs. The demand side measures were analyzed for cost effectiveness and those passing both the RIM test and participant's test were used to determine the proposed goals.

Q. Was there any measure in the numeric goals established by the Commission by Order No.PSC-99-1942-FOF-EG that is not included in the proposed goals?

A. Yes. Interruptible service is not currently considered as either a supply or demand side resource and is not included in the proposed goals.

Q. Have there been any changes in Gulf's integrated planning processes since the last conservation goals setting process?

A. No. Gulf continues to conduct integrated resource planning in conjunction with the other Southern electric system operating companies. The Company's planning process evaluates the cost of new generating capacity additions after incorporating the effects of its approved conservation and energy efficiency programs in order to produce an integrated resource plan that will provide adequate and reliable service to its electric customers at the lowest cost.

Q. The Commission last established numeric goals, pursuant to Rule 25-17.0021, by Order No. PSC-99-1942-FOF-EG issued October 1, 1999. How do the proposed goals for the period 2005-2014 compare with the

current goals established by Order No. PSC-99-1942-FOF-EG?

A. The proposed goals are lower than the goals established by Order No. PSC-99-1942-FOF-EG. Since the last goals proceeding, Gulf has gained valuable experience with and knowledge of market conditions and customer demand and energy response to conservation programs. This experience has enabled us to project customer participation levels and demand and energy responses to our conservation programs with a greater degree of certainty in this filing. In some cases, such as GoodCents Select, projected participation levels are lower than earlier market response estimates that were available at the time of the last filing. Additionally, some demand and energy response estimates were updated to lower values as a result of information learned through our program monitoring and evaluation efforts over the last five years. The net effect of the application of this improved experience and knowledge is an overall lower goal level.

Q. Does this conclude your testimony?

A. Yes, it does.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

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Before me the undersigned authority, personally appeared Angela T. Carter, who being first duly sworn, deposes and says that she is the Economic Evaluation and Market Reporting Team Leader of Gulf Power Company, a Maine Corporation, that the foregoing is true and correct to the best of her knowledge, information and belief. She is personally known to me.

Angela T. Carter
Economic Evaluation and Market
Reporting Team Leader

Sworn to and subscribed before me this 28th day of May, 2004.

Notary Public, State of Florida at Large

DIANNE BURGESS
MY COMMISSION # DD 247993
EXPIRES: September 8, 2007
Bonded Thru Notary Public Underwriters

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GULF POWER COMPANY
Total Residential, Commercial & Industrial Markets
New and Existing Structures

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
Total All Markets	2005	(16,641)	(21,858)	(12,459)	(16,365)	(5,146)	(5,609)	(5,609)
Total All Markets	2006	(29,279)	(38,456)	(22,915)	(30,097)	(10,286)	(11,211)	(16,820)
Total All Markets	2007	(40,025)	(52,570)	(32,399)	(42,555)	(15,742)	(17,159)	(33,979)
Total All Markets	2008	(46,771)	(61,431)	(39,884)	(52,386)	(21,200)	(23,108)	(57,087)
Total All Markets	2009	(53,517)	(70,292)	(47,369)	(62,217)	(26,661)	(29,060)	(86,147)
Total All Markets	2010	(59,829)	(78,583)	(54,285)	(71,300)	(31,520)	(34,357)	(120,504)
Total All Markets	2011	(66,142)	(86,874)	(61,201)	(80,384)	(36,382)	(39,657)	(160,160)
Total All Markets	2012	(72,455)	(95,166)	(68,117)	(89,469)	(41,247)	(44,959)	(205,120)
Total All Markets	2013	(78,768)	(103,458)	(75,034)	(98,554)	(46,114)	(50,264)	(255,384)
Total All Markets	2014	(85,082)	(111,751)	(81,952)	(107,640)	(50,984)	(55,572)	(310,956)

	RIM	Participant	TRC
NPV Benefits ($000s)	$122,771	$78,283	$117,323
NPV Costs ($000s)	$107,859	$26,108	$46,812
NPV Net Benefits ($000s)	$14,912	$52,175	$70,511
Benefit/Cost Ratio	1.138	2.998	2.506

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GULF POWER COMPANY
Residential Measures
Total New and Existing Structures

Demand Side Measure	Year	Annual Summer kW at Meter	Annual Summer kW at Generator	Annual Winter kW at Meter	Annual Winter kW at Generator	Annual kWh Savings (000) Customer	Annual kWh Savings (000) Generation	Annual kWh Savings (000) Cumulative Generation
Residential Measures	2005	(5,907)	(7,759)	(7,223)	(9,488)	(3,080)	(3,357)	(3,357)
Residential Measures	2006	(11,815)	(15,518)	(14,447)	(18,975)	(6,160)	(6,714)	(10,072)
Residential Measures	2007	(17,722)	(23,277)	(21,670)	(28,463)	(9,240)	(10,072)	(20,143)
Residential Measures	2008	(23,629)	(31,036)	(28,893)	(37,950)	(12,320)	(13,429)	(33,572)
Residential Measures	2009	(29,536)	(38,794)	(36,117)	(47,438)	(15,400)	(16,786)	(50,358)
Residential Measures	2010	(35,009)	(45,982)	(42,770)	(56,176)	(17,876)	(19,485)	(69,843)
Residential Measures	2011	(40,481)	(53,169)	(49,423)	(64,915)	(20,353)	(22,184)	(92,027)
Residential Measures	2012	(45,953)	(60,357)	(56,077)	(73,654)	(22,829)	(24,884)	(116,911)
Residential Measures	2013	(51,425)	(67,545)	(62,730)	(82,393)	(25,305)	(27,583)	(144,493)
Residential Measures	2014	(56,898)	(74,732)	(69,384)	(91,132)	(27,782)	(30,282)	(174,776)

	RIM	Participant	TRC
NPV Benefits ($000s)	$74,196	$49,729	$75,537
NPV Costs ($000s)	$70,243	$17,921	$36,352
NPV Net Benefits ($000s)	$3,953	$31,808	$39,185
Benefit/Cost Ratio	1.056	2.775	2.078

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GULF POWER COMPANY
RSC - 2
Ground Source Heat Pump

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
RSC - 2	2005	(435)	(571)	(570)	(749)	(604)	(658)	(658)
RSC - 2	2006	(870)	(1,143)	(1,140)	(1,497)	(1,207)	(1,316)	(1,974)
RSC - 2	2007	(1,305)	(1,714)	(1,710)	(2,246)	(1,811)	(1,974)	(3,948)
RSC - 2	2008	(1,740)	(2,285)	(2,280)	(2,995)	(2,414)	(2,632)	(6,579)
RSC - 2	2009	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(9,869)
RSC - 2	2010	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(13,158)
RSC - 2	2011	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(16,448)
RSC - 2	2012	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(19,738)
RSC - 2	2013	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(23,027)
RSC - 2	2014	(2,175)	(2,857)	(2,850)	(3,743)	(3,018)	(3,290)	(26,317)

	RIM	Participant	TRC
NPV Benefits ($000s)	$3,877	$4,420	$5,218
NPV Costs ($000s)	$3,593	$2,606	$3,120
NPV Net Benefits ($000s)	$284	$1,814	$2,098
Benefit/Cost Ratio	1.079	1.696	1.673

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GULF POWER COMPANY
RSC - 24A
High Efficiency Room Air Conditioner

Demand Side Measure	Year	Annual Summer kW at Meter	Annual Summer kW at Generator	Annual Winter kW at Meter	Annual Winter kW at Generator	Annual kWh Savings (000) Customer	Annual kWh Savings (000) Generation	Annual kWh Savings (000) Cumulative Generation
RSC - 24A	2005	(229)	(301)	0	0	(119)	(130)	(130)
RSC - 24A	2006	(458)	(601)	0	0	(238)	(259)	(389)
RSC - 24A	2007	(687)	(902)	0	0	(357)	(389)	(778)
RSC - 24A	2008	(916)	(1,203)	0	0	(476)	(519)	(1,297)
RSC - 24A	2009	(1,145)	(1,503)	0	0	(595)	(649)	(1,946)
RSC - 24A	2010	(1,373)	(1,804)	0	0	(714)	(778)	(2,725)
RSC - 24A	2011	(1,602)	(2,105)	0	0	(833)	(908)	(3,633)
RSC - 24A	2012	(1,831)	(2,405)	0	0	(952)	(1,038)	(4,671)
RSC - 24A	2013	(2,060)	(2,706)	0	0	(1,071)	(1,168)	(5,838)
RSC - 24A	2014	(2,289)	(3,006)	0	0	(1,190)	(1,297)	(7,136)

	RIM	Participant	TRC
NPV Benefits ($000s)	$2,823	$861	$2,823
NPV Costs ($000s)	$861	$298	$298
NPV Net Benefits ($000s)	$1,962	$563	$2,525
Benefit/Cost Ratio	3.280	2.888	9.473

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GULF POWER COMPANY
RF - 1
Best Current Refrigerator (Frost-Free)

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
RF - 1	2005	(25)	(33)	(25)	(33)	(45)	(49)	(49)
RF - 1	2006	(50)	(66)	(50)	(66)	(90)	(98)	(146)
RF - 1	2007	(75)	(99)	(75)	(99)	(134)	(146)	(293)
RF - 1	2008	(100)	(131)	(100)	(131)	(179)	(195)	(488)
RF - 1	2009	(125)	(164)	(125)	(164)	(224)	(244)	(732)
RF - 1	2010	(150)	(197)	(150)	(197)	(269)	(293)	(1,024)
RF - 1	2011	(175)	(230)	(175)	(230)	(313)	(341)	(1,366)
RF - 1	2012	(200)	(263)	(200)	(263)	(358)	(390)	(1,756)
RF - 1	2013	(225)	(296)	(225)	(296)	(403)	(439)	(2,195)
RF - 1	2014	(250)	(328)	(250)	(328)	(448)	(488)	(2,683)

	RIM	Participant	TRC
NPV Benefits ($000s)	$420	$315	$420
NPV Costs ($000s)	$334	$146	$165
NPV Net Benefits ($000s)	$86	$169	$255
Benefit/Cost Ratio	1.257	2.157	2.544

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GULF POWER COMPANY
RF - 2
Best Current Refrigerator (Manual Defrost)

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
RF - 2	2005	(28)	(37)	(28)	(37)	(27)	(29)	(29)
RF - 2	2006	(57)	(74)	(57)	(74)	(53)	(58)	(87)
RF - 2	2007	(85)	(112)	(85)	(112)	(80)	(87)	(174)
RF - 2	2008	(113)	(149)	(113)	(149)	(106)	(116)	(290)
RF - 2	2009	(142)	(186)	(142)	(186)	(133)	(145)	(435)
RF - 2	2010	(170)	(223)	(170)	(223)	(160)	(174)	(609)
RF - 2	2011	(198)	(261)	(198)	(261)	(186)	(203)	(812)
RF - 2	2012	(227)	(298)	(227)	(298)	(213)	(232)	(1,044)
RF - 2	2013	(255)	(335)	(255)	(335)	(239)	(261)	(1,304)
RF - 2	2014	(284)	(372)	(284)	(372)	(266)	(290)	(1,594)

	RIM	Participant	TRC
NPV Benefits ($000s)	$391	$168	$391
NPV Costs ($000s)	$179	$41	$51
NPV Net Benefits ($000s)	$213	$127	$340
Benefit/Cost Ratio	2.190	4.107	7.635

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GULF POWER COMPANY
GCS
GoodCents Select

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
GCS	2005	(5,190)	(6,817)	(6,600)	(8,669)	(2,286)	(2,492)	(2,492)
GCS	2006	(10,380)	(13,634)	(13,200)	(17,338)	(4,572)	(4,983)	(7,475)
GCS	2007	(15,570)	(20,450)	(19,800)	(26,006)	(6,858)	(7,475)	(14,950)
GCS	2008	(20,760)	(27,267)	(26,400)	(34,675)	(9,144)	(9,967)	(24,917)
GCS	2009	(25,950)	(34,084)	(33,000)	(43,344)	(11,430)	(12,459)	(37,376)
GCS	2010	(31,140)	(40,901)	(39,600)	(52,013)	(13,716)	(14,950)	(52,327)
GCS	2011	(36,330)	(47,718)	(46,200)	(60,681)	(16,002)	(17,442)	(69,769)
GCS	2012	(41,520)	(54,534)	(52,800)	(69,350)	(18,288)	(19,934)	(89,703)
GCS	2013	(46,710)	(61,351)	(59,400)	(78,019)	(20,574)	(22,426)	(112,128)
GCS	2014	(51,900)	(68,168)	(66,000)	(86,688)	(22,860)	(24,917)	(137,046)

	RIM	Participant	TRC
NPV Benefits ($000s)	$66,685	$43,965	$66,685
NPV Costs ($000s)	$65,277	$14,830	$32,718
NPV Net Benefits ($000s)	$1,408	$29,134	$33,967
Benefit/Cost Ratio	1.022	2.965	2.038

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GULF POWER COMPANY
Commercial & Industrial Measures
Total New and Existing Structures

Demand Side Measure	Year	Annual Summer kW at Meter	Annual Summer kW at Generator	Annual Winter kW at Meter	Annual Winter kW at Generator	Annual kWh Savings (000) Customer	Annual kWh Savings (000) Generation	Annual kWh Savings (000) Cumulative Generation
Commercial & Industrial	2005	(10,734)	(14,099)	(5,236)	(6,877)	(2,066)	(2,251)	(2,251)
Commercial & Industrial	2006	(17,464)	(22,938)	(8,468)	(11,122)	(4,126)	(4,497)	(6,749)
Commercial & Industrial	2007	(22,303)	(29,294)	(10,729)	(14,092)	(6,502)	(7,087)	(13,836)
Commercial & Industrial	2008	(23,142)	(30,395)	(10,990)	(14,435)	(8,880)	(9,679)	(23,515)
Commercial & Industrial	2009	(23,981)	(31,498)	(11,252)	(14,779)	(11,261)	(12,274)	(35,789)
Commercial & Industrial	2010	(24,821)	(32,601)	(11,515)	(15,124)	(13,644)	(14,872)	(50,661)
Commercial & Industrial	2011	(25,661)	(33,704)	(11,777)	(15,469)	(16,030)	(17,472)	(68,133)
Commercial & Industrial	2012	(26,502)	(34,808)	(12,041)	(15,815)	(18,418)	(20,076)	(88,209)
Commercial & Industrial	2013	(27,343)	(35,913)	(12,304)	(16,161)	(20,809)	(22,682)	(110,891)
Commercial & Industrial	2014	(28,184)	(37,019)	(12,568)	(16,508)	(23,202)	(25,290)	(136,181)

	RIM	Participant	TRC
NPV Benefits ($000s)	$48,575	$28,554	$41,786
NPV Costs ($000s)	$37,616	$8,188	$10,460
NPV Net Benefits ($000s)	$10,959	$20,367	$31,326
Benefit/Cost Ratio	1.291	3.488	3.995

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GULF POWER COMPANY
SC-D-4
High Efficiency Room Air Conditioner - PTAC

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
SC-D-4	2005	(4)	(5)	0	0	(5)	(5)	(5)
SC-D-4	2006	(7)	(9)	0	0	(8)	(9)	(14)
SC-D-4	2007	(10)	(14)	0	0	(12)	(13)	(28)
SC-D-4	2008	(14)	(18)	0	0	(16)	(18)	(45)
SC-D-4	2009	(17)	(22)	0	0	(20)	(22)	(67)
SC-D-4	2010	(20)	(27)	0	0	(24)	(26)	(93)
SC-D-4	2011	(24)	(31)	0	0	(28)	(30)	(124)
SC-D-4	2012	(27)	(35)	0	0	(32)	(35)	(158)
SC-D-4	2013	(30)	(40)	0	0	(36)	(39)	(197)
SC-D-4	2014	(34)	(44)	0	0	(40)	(43)	(240)

	RIM	Participant	TRC
NPV Benefits ($000s)	$49	$20	$49
NPV Costs ($000s)	$20	$12	$12
NPV Net Benefits ($000s)	$29	$8	$37
Benefit/Cost Ratio	2.458	1.678	4.061

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GULF POWER COMPANY
W-D-11
Heat Pump Water Heater

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
W-D-11	2005	(5)	(6)	(5)	(6)	(25)	(27)	(27)
W-D-11	2006	(9)	(12)	(9)	(12)	(52)	(57)	(84)
W-D-11	2007	(15)	(20)	(15)	(20)	(82)	(90)	(174)
W-D-11	2008	(21)	(27)	(21)	(27)	(115)	(125)	(299)
W-D-11	2009	(27)	(35)	(27)	(35)	(150)	(163)	(462)
W-D-11	2010	(34)	(44)	(34)	(44)	(187)	(204)	(665)
W-D-11	2011	(41)	(54)	(41)	(54)	(227)	(247)	(913)
W-D-11	2012	(49)	(64)	(49)	(64)	(269)	(293)	(1,206)
W-D-11	2013	(57)	(74)	(57)	(74)	(314)	(342)	(1,548)
W-D-11	2014	(65)	(86)	(65)	(86)	(361)	(394)	(1,942)

	RIM	Participant	TRC
NPV Benefits ($000s)	$188	$184	$188
NPV Costs ($000s)	$186	$62	$64
NPV Net Benefits ($000s)	$2	$122	$124
Benefit/Cost Ratio	1.012	2.973	2.942

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GULF POWER COMPANY
C-D-19
Energy Efficient Electric Fryers

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
C-D-19	2005	(35)	(45)	(35)	(45)	(59)	(64)	(64)
C-D-19	2006	(65)	(85)	(65)	(85)	(111)	(121)	(185)
C-D-19	2007	(92)	(121)	(92)	(121)	(157)	(172)	(357)
C-D-19	2008	(119)	(156)	(119)	(156)	(203)	(222)	(579)
C-D-19	2009	(146)	(191)	(146)	(191)	(249)	(272)	(850)
C-D-19	2010	(173)	(227)	(173)	(227)	(296)	(322)	(1,173)
C-D-19	2011	(200)	(262)	(200)	(262)	(341)	(372)	(1,545)
C-D-19	2012	(227)	(298)	(227)	(298)	(388)	(422)	(1,967)
C-D-19	2013	(254)	(333)	(254)	(333)	(434)	(473)	(2,440)
C-D-19	2014	(281)	(369)	(281)	(369)	(480)	(523)	(2,963)

	RIM	Participant	TRC
NPV Benefits ($000s)	$468	$349	$468
NPV Costs ($000s)	$353	$54	$58
NPV Net Benefits ($000s)	$115	$295	$410
Benefit/Cost Ratio	1.325	6.476	8.020

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GULF POWER COMPANY
GCCOM
GoodCents Commercial Building

Demand Side Measure	Year	Annual Summer kW at Meter	Annual Summer kW at Generator	Annual Winter kW at Meter	Annual Winter kW at Generator	Annual kWh Savings (000) Customer	Annual kWh Savings (000) Generation	Annual kWh Savings (000) Cumulative Generation
GCCOM	2005	(691)	(908)	(197)	(259)	(1,977)	(2,155)	(2,155)
GCCOM	2006	(1,383)	(1,816)	(394)	(517)	(3,954)	(4,310)	(6,465)
GCCOM	2007	(2,185)	(2,870)	(622)	(817)	(6,250)	(6,812)	(13,277)
GCCOM	2008	(2,988)	(3,925)	(851)	(1,118)	(8,546)	(9,315)	(22,592)
GCCOM	2009	(3,791)	(4,979)	(1,080)	(1,418)	(10,842)	(11,818)	(34,410)
GCCOM	2010	(4,594)	(6,034)	(1,308)	(1,718)	(13,138)	(14,320)	(48,730)
GCCOM	2011	(5,397)	(7,088)	(1,537)	(2,018)	(15,434)	(16,823)	(65,552)
GCCOM	2012	(6,199)	(8,143)	(1,765)	(2,319)	(17,729)	(19,325)	(84,878)
GCCOM	2013	(7,002)	(9,197)	(1,994)	(2,619)	(20,025)	(21,828)	(106,705)
GCCOM	2014	(7,805)	(10,251)	(2,223)	(2,919)	(22,321)	(24,330)	(131,035)

	RIM	Participant	TRC
NPV Benefits ($000s)	$15,942	$11,389	$15,942
NPV Costs ($000s)	$14,110	$1,271	$3,992
NPV Net Benefits ($000s)	$1,832	$10,118	$11,949
Benefit/Cost Ratio	1.130	8.961	3.993

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GULF POWER COMPANY
RTP
Real Time Pricing

Demand Side Measure	Year	Annual Summer kW		Annual Winter kW		Annual kWh Savings (000)		
		at Meter	at Generator	at Meter	at Generator	Customer	Generation	Cumulative Generation
RTP	2005	(10,000)	(13,135)	(5,000)	(6,567)			
RTP	2006	(16,000)	(21,015)	(8,000)	(10,508)			
RTP	2007	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2008	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2009	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2010	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2011	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2012	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2013	(20,000)	(26,269)	(10,000)	(13,135)			
RTP	2014	(20,000)	(26,269)	(10,000)	(13,135)			

	RIM	Participant	TRC
NPV Benefits ($000s)	$31,927	$16,612	$25,138
NPV Costs ($000s)	$22,946	$6,789	$6,333
NPV Net Benefits ($000s)	$8,981	$9,823	$18,805
Benefit/Cost Ratio	1.391	2.447	3.969

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