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Decision 91-12-074 December 20, 1991

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of )  
SAN DIEGO GAS & ELECTRIC COMPANY )  
(U-902M) for Authority to Increase )  
Its Authorized Level of Base Rate )  
Revenue Under the Electric Revenue )  
Adjustment Mechanism (ERAM) and Steam )  
Revenue Adjustment Mechanism (SRAM), )  
to Adjust Its Authorized Base Cost )  
Amount in Its Annual Cost Allocation )  
Proceeding (ACAP), and to Reflect )  
These Increases in Rates Effective )  
January 1, 1992. )

ORIGINAL

Application 91-03-001  
(Filed March 1, 1991)

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C. Richard Swanson, for San Diego Gas &  
Electric Company, applicant.  
Caryn Hough, for California Energy Commission;  
Jeffrey Ogata, Attorney at Law, for California  
Energy Commission; and Messrs. Grueneich,  
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Attorney at Law, for California Department of  
General Services, intervenors.  
Maurice Brubaker and Norman Furuta, Attorney at  
Law for Federal Executive Agencies; David  
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Company; William Marcus, for JBS Energy, Inc.;  
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California Edison Company; William S. Shaffran  
and Deborah Berger, Deputy City Attorneys, for  
John W. Witt, City Attorney, for City of San  
Diego; and Michael Shames and Justin Miller,  
Attorneys at Law, for Utility Consumer Action  
Network, interested parties.  
Alberto Guerrero, Attorney at Law, and Paul Chan,  
for the Division of Ratepayer Advocates.  
Patricia Ma, for Commission Advisory and  
Compliance Division.

# FINAL OPINION

## Summary

This is the final decision regarding the application of San Diego Gas & Electric Company (SDG&E) for a modified attrition adjustment to its authorized revenues for 1992. The interim decision in this proceeding, Decision (D.) 91-10-046, adopted a settlement agreement<sup>1</sup> which resolved all but one issue. The remaining issue concerns the award of a portion of energy savings from SDG&E's DSM programs to its shareholders. Shareholders will receive an award of 13.5% of energy savings, subject to a \$9 million cap. Also, although the interim decision adopted the results of operations and rates set forth in the July settlement agreement, the Commission noted that those figures would be subject to change as a result of several pending proceedings. This decision incorporates the numbers adopted today by the Commission in those related cases. We also grant intervenor UCAN \$24,973.54 as compensation for its representation of residential ratepayers in this case.

## Comments on Administrative Law Judge's (ALJ) Proposed Decision

The proposed decision of the ALJ was filed and served on parties to the proceeding pursuant to Section 311 of the Public Utilities Code and Rule 77.1 of the Commission's Rules of Practice and Procedure (Rules) on November 18, 1991. Comments were filed by SDG&E and DRA as permitted by Rule 77.2.

SDG&E generally supported the proposed decision but recommended revision to its authorized 1992 nuclear operation and

1 This settlement agreement was reached on July 31, 1991 primarily by SDG&E, the City of San Diego, Utility Consumers' Action Network (UCAN), the Federal Executive Agencies, and the Division of Ratepayer Advocates (DRA). The Natural Resources Defense Council and the California Energy Commission (CEC) joined in a sub-agreement that was limited to certain demand-side management (DSM) issues.

maintenance (O&M) expenses and amendment of the description of its demand-side management (DSM) incentive mechanism.

SDG&E claims that the number recited in the parties' settlement agreement as SDG&E's nuclear O&M expense should be used to establish its electric department revenue requirement. The approved settlement agreement states:

"In keeping with the Commission's past practice, the Parties have agreed that SONGS O&M issues should be litigated in Edison's 1992 GRC, Application 90-12-018, with the resulting decision of the Commission reflected in SDG&E's case."

The Commission has authorized a level of nuclear O&M expense for Edison which yields a lower revenue requirement for SDG&E's share of nuclear expenses than the amount set forth in the settlement agreement. SDG&E objects that it should not be subject to the cost reductions the Commission has ordered for Edison. We observe that SDG&E holds a 20% ownership interest in all three units of the San Onofre Nuclear Generating Station (SONGS).

Our calculation of SDG&E's nuclear O&M revenue requirement is based on SDG&E's ownership interest in plant for which we have determined a reasonable O&M expense. Granting SDG&E's request would lead to recovery of more than 100% of the reasonable O&M costs from ratepayers. Moreover, SDG&E does not claim that the adopted number is inconsistent with the terms of the settlement agreement. We adopt a nuclear O&M revenue requirement for SDG&E calculated at 20% of the SONGS nuclear O&M expense found reasonable for Edison in A.90-12-018, consistent with SDG&E's ownership interest in SONGS.

In its initial comments on the ALJ's proposed decision, DRA agreed with the proposed decision in its entirety. On December 16, 1991, DRA filed a Motion to Accept Late-Filed Response and Reply Comments on the ALJ's proposed decision. Good cause being shown, the motion should be granted. In its reply comments, DRA concurred with SDG&E's remarks on the 13.5% DSM reward/penalty factor. We accept SDG&E's clarification that the potential penalty

is not 13.5% of DSM expenditures, but 13.5% of the Total Resource Cost (TRC) value between what is achieved and the minimum level of energy savings specified for the technology.

#### Results of Operations and Rates

##### Changes to Base Rate Revenues

The interim decision adopted a summary of earnings at proposed rates that assumed a 10.91% rate of return for SDG&E in 1992. The rate of return for SDG&E in 1992 was adopted in D.91-11-059. A 10.75% rate of return has been authorized for SDG&E in 1992.

In addition, the summary of earnings from electric department operations has been revised to reflect changes in certain line items. The interim decision had approved certain nuclear-related expenses assuming that DRA's position in the Southern California Edison (Edison) general rate case (A.90-12-018) would be adopted. The method for recovery of Women and Minority Business Enterprise (WMBE) expenditures was likewise contingent upon the outcome of Edison's rate case. In our decision on A.90-12-018 being issued today, we have found it reasonable to adopt some of DRA's recommendations on nuclear-related expenses and to grant recovery of WMBE expenses through base rate revenues. These changes appear in the electric department revenues and earnings adopted in this decision.

The summary of earnings from gas department and steam department operations also have been revised to reflect the adopted 1992 rate of return.

The increases in SDG&E's 1992 base rate revenues as adopted by the interim decision and this final decision are compared below:

	<u>Interim</u>	<u>Final</u>
Electric	\$48,451,000	\$51,884,000
Gas	12,715,000	11,968,000
Steam	202,000	201,000
Combined	\$61,368,000	\$64,053,000

The final version of SDG&E's "Summary of Earnings at Proposed Rates - 1992 Revenues" for its combined departments, the electric department, the steam department, and the gas department, is attached to this decision as Appendix A.

The revision of base rate revenues results in the following system average increase in rates:

	<u>Interim</u>	<u>Final</u>
Electric	3.5%	3.8%
Gas	2.6%	2.4%
Steam	13.6%	13.5%
Overall Average	3.3%	3.4%

#### Base Rate Schedules

We adopt the changes in base rate revenues and rate schedules for SDG&E's electric, gas, and steam departments that are attached as Appendix B to this decision.

The summary of changes in base rate revenue for SDG&E's electric department details the changes in authorized margin, modified attrition adjustment, recovery of DSM rewards earned in prior years, base rate balancing accounts (Energy Rate Adjustment Mechanism, DSM, Low Income Ratepayer Assistance (LIRA), San Onofre Nuclear Generating Station amortization), and energy rate balancing accounts (Energy Cost Adjustment Clause and Annual Energy Rate). Although only the modified attrition and certain DSM expenses were reviewed for reasonableness in this proceeding, the Commission will allow recovery of previously authorized expenses through the base rate revenues for each of SDG&E's operating departments adopted in this decision.

We also adopt a summary of base rate revenue requirement changes for SDG&E's gas department that appears in Appendix B. Through its base rates SDG&E collects its authorized gas margin costs, its DSM reward, LIRA costs, amortization of its various balancing accounts, and other transmission costs.

Rate Design

The interim decision ratified the Settlement Agreement's allocation of electric revenue requirement on an equal percentage of marginal cost (EPMC) basis, deferred gas rate design to SDG&E's Biennial Cost Adjustment Proceeding (BCAP), and spread increases in steam rates on an equal-cents-per-unit-of-energy basis. Rate tables were not adopted by that decision.

Now that the revenue requirement for each of SDG&E's operating departments is known, the Commission will set rates to be effective January 1, 1992 for SDG&E's electric and steam departments.

The tables for the electric department show the use of EPMC allocation factors to allocate the 1992 modified attrition revenue requirement. The change in revenues is shown in terms of dollars and percentage per customer group. The 2.4% increase in gas base rate revenues will be reflected in rates adopted in SDG&E's BCAP. There, the base rate revenue adjustment will be allocated to functional groups, classified according to cost incurrence, and then collected from each customer group based on each group's share of cost incurrence.

Cap on Shareholder Earnings from DSM Savings

The interim decision approved the parties' agreement on a substantial portion of SDG&E's 1992 DSM program. The parties provided that SDG&E's shareholders would be rewarded with a percentage of savings calculated to result from the implementation of certain DSM programs (shareholder reward), and that the reward would be subject to a maximum (earnings cap). However, they did not agree on the specific figures for the reward and cap.

On August 26, 1991, SDG&E, DRA, and UCAN agreed on the one issue that had not been resolved by the adopted Settlement Agreement. These three parties agreed that the shareholder incentive mechanism adopted in D.90-08-068 should be employed in 1992, that shareholders should continue to receive 13.5% of the

savings achieved by designated DSM programs, and that SDG&E's maximum shareholder reward from all of SDG&E's 1992 programs should not exceed \$9 million. The parties also agreed that the 13.5% of TRC value will apply to penalty calculations under the shareholder incentive mechanism. The potential penalty is 13.5% of the difference between TRC value achieved and the minimum TRC level established for each DSM technology. The parties also revised the earlier settlement agreement to limit SDG&E's expenditures on programs from which it can earn an incentive (the shared savings programs, new construction, and cost-plus programs), to \$36.4 million. This stipulation was entered as an exhibit at evidentiary hearing.

The CEC was the only party to oppose the DSM stipulation. The CEC opposes the \$9 million shareholder earnings cap, claiming that a cap on potential rewards can inhibit utility investment in cost-effective energy efficiency programs and is not supported by Commission policy.

CEC faults the cap because in its prepared testimony, DRA had proposed to cap shareholder earnings at a level DRA believed would be adequate to compensate SDG&E for lost earnings opportunities from the supply-side projects that are deferred through use of energy efficiency investment. CEC states that DRA's proposed cap focuses on utility costs, rather than energy savings achieved by the DSM measure. CEC suggests that if the Commission wished to limit shareholder earnings potential, the Commission could set earnings percentages at the minimum level necessary to ensure implementation of cost-effective DSM measures and could require rigorous measurement studies to avoid granting incentives for savings which do not actually occur.

We observe that the \$9 million cap on shareholder earnings for 1992 DSM projects was reached through settlement negotiations. The settlement agreement approved in D.91-10-046 adopts several caps for 1990 and 1991 program rewards and does not

A.91-03-001 ALJ/ECL/vdl \*

specify the method by which the caps were calculated. There is no evidence that the parties embraced DRA's "lost earnings potential" methodology as the rationale behind the stipulation. We do not find the 1992 earnings cap to be inconsistent with the Commission's evolving DSM shareholder incentive policies.

The 13.5% share of energy savings and \$9 million shareholder earnings cap, not CEC's alternative suggestion, is a reasonable means of encouraging SDG&E to create a market for DSM technology and services, to educate ratepayers about the benefits of DSM, and to undertake cost-effective DSM investment. The Commission has initiated a rulemaking to consider the issue of limits on shareholder DSM rewards on a comprehensive, statewide basis (see, Order Instituting Rulemaking 91-08-003). This rulemaking is also the appropriate forum for determining the optimal percentage of energy savings to be awarded shareholders and designing verification programs to ensure that claimed energy savings have materialized. We concur with the parties' stipulation that their 1992 DSM agreement should not be precedential. We find that the DSM stipulation is appropriate for 1992.

In the interim decision, the Commission granted SDG&E's request of \$44.8 million for 1992 DSM programs, with approval to spend up to \$50 million without prior Commission authorization. Under the terms of the approved agreement, the earnings cap applies to the authorized spending level of \$50 million. SDG&E will not seek to increase the earnings cap if it spends more than \$44.8 million. This means that if SDG&E spends more than \$44.8 million on incentive programs for which it earns a percentage of net energy savings (or in the case of cost-plus programs, a percentage of cost), and that incremental expenditure would result in more than \$9 million of shareholder earnings, the excess earnings would not be available to SDG&E shareholders.

To promote a better understanding of the DSM programs approved for SDG&E since its last general rate case, a table



outlining the 1992 DSM program and previously authorized DSM programs, expenditures, and recovery mechanisms is attached to this decision as Appendix C.

SDG&E and DRA have prepared a set of DSM program guidelines to take into account the findings made by the Commission Advisory and Compliance Division (CACD) when it reviewed SDG&E's 1990 DSM activities. These guidelines appear at Appendix A to Exhibit 21. SDG&E urges their adoption. These guidelines will be used to review SDG&E's 1992 DSM program results.

DRA observes that during the course of its 1990 review, CACD found that some of SDG&E's files were incomplete and suggests the promulgation of standards for the contents of files. A consistent system will be even more important in 1992 because the majority of SDG&E's programs will be subject to pre-specified savings and cost assumptions, making the review primarily a verification of participation. SDG&E should propose standards that will facilitate verification by Commission staff that DSM measures have been installed and are operating. SDG&E's proposed standards will be reviewed by CACD. The CACD-approved standards will be implemented for 1992 DSM programs. However, DRA retains the responsibility for verifying the installation of energy efficiency measures on which alleged savings are based.

#### Participation by UCAN

##### Eligibility for Intervenor Compensation

UCAN is a nonprofit consumer advocacy group that has represented residential San Diego area ratepayers in proceedings before the Commission since UCAN's inception in 1983. UCAN seeks compensation for costs it incurred as an intervenor in this proceeding.

On August 30, 1991, the "UCAN Request for Finding of Eligibility and Award of Intervenor Compensation" (Request) was filed. No party has filed any response to UCAN's Request. The evidentiary record had closed on August 29, 1991. The request for

finding of eligibility was filed "within 45 days after the close of the evidentiary record" as required by Rule 76.54(a) of the Commission's Rules of Practice and Procedure.

Rule 76.54 requires a request for a finding of eligibility for compensation to include the following: a showing that the intervenor's participation in the proceeding would pose a significant financial hardship, a statement of issues that the customer intends to raise in the proceeding, an estimate of compensation that will be sought, and a budget for the customer's presentation.

The significant financial hardship test is passed if the customer references a Commission decision finding that the customer has met its burden of showing financial hardship in the same calendar year. In D.91-03-009, we found that UCAN had demonstrated significant financial hardship under Rule 76.52(f) and that our determination of significant financial hardship would carry over to other proceedings in which UCAN participates in calendar year 1991. We find that UCAN has met the significant financial hardship requirement.

UCAN had already completed its expected participation in this proceeding when it filed the request. Its specification of issues that it had addressed will serve as its "statement of issues that it intends to raise." Since UCAN's eligibility request is combined with its request for compensation, its estimate of compensation and budget are the same as the requested amount.

The Commission finds that UCAN is eligible to claim intervenor compensation.

#### Award of Intervenor Compensation

Rule 76.53 states that the Commission may award reasonable advocate's fees, reasonable expert witness fees, and other reasonable costs of participation in a proceeding for the purpose of modifying a rate or establishing a fact or rule that may influence a rate to any customer who meets these criteria:

The customer's presentation makes a substantial contribution to the adoption of the Commission's decision.

Participation without an award of fees imposes a significant financial hardship.

The customer's presentation does not materially duplicate the contribution of any other party to the proceeding.

Rule 76.56 provides that after a final order by the Commission in a proceeding, a customer who has been found eligible for an award of compensation may file a request for an award within 30 days. UCAN's filing was made well in advance of this deadline.

UCAN's consultants prepared foundational materials upon which UCAN's direct testimony would be developed for operations and maintenance (O&M) issues; UCAN's Executive Director Shames prepared DSM materials. However, settlement was reached prior to the completion and filing of these materials as testimony. UCAN's contribution to the Commission's disposition of SDG&E's modified attrition application can be evaluated in terms of its contribution to the adopted settlement agreement. No party has objected to UCAN's request for compensation.

UCAN's contribution to the workshop and settlement process was acknowledged by the parties to the Settlement Agreement. The parties assert that UCAN engaged in discovery and was active in all aspects of the application, was responsible for revisions of the DSM programs, and contributed to the review of the revenue allocation issues. We find that UCAN made a substantial contribution to the Commission's adoption of the Settlement Agreement. Based on our determination that UCAN is eligible for intervenor compensation, we also find that UCAN's participation without an award of fees or costs would impose a significant financial hardship on the entity. No party has suggested that the interests advanced by UCAN could have been served by a common legal representative. We find that UCAN's participation did not



awards to other intervenors with Shames' experience.<sup>2</sup> However, we found in D.91-06-010 that \$135 per hour was a reasonable rate to compensate Shames for work he performed in 1990 and 1991. There, the underlying proceeding established a forecast of energy costs and reviewed the reasonableness of costs booked to SDG&E's Energy Cost Adjustment Account. The issues presented in this modified attrition proceeding are generally of no greater difficulty than the issues addressed in the proceeding underlying D.91-06-010. However, in this case, two-thirds of the hours expended by Shames on regulatory issues were devoted to DSM. Because of Shames' previous advocacy on DSM issues before the Commission and his service on SDG&E's DSM Advisory Committee, he is more qualified than most lawyers who practice before the Commission to contribute to the Commission's decision on DSM. We find that a representative of his experience should be compensated at a base rate of \$135 per hour plus a \$5 per hour enhancement, for a total rate of \$140 per hour for the 103.8 hours of work performed on DSM. The previously approved rate of \$135 should be paid for the 51.6 hours spent on other issues in the attrition proceeding. UCAN requested reimbursement for one-half of the hours Shames spent in travel. We generally provide compensation at half the attorney's hourly rate if it was not possible to perform substantive work while traveling. Since UCAN requests one-half the normal compensation, we assume this to be the case. Consistent with previous intervenor compensation orders, Shames' travel time which could not be used to

<sup>2</sup> At this point in its request, UCAN refers to its "Request for Compensation in A.88-12-035 and D.90-09-080, D.90-12-026, and D.90-08-021." This type of reference, particularly to a pleading filed in another docket, is not helpful to the reader. The better practice is to quote the passages that the petitioner believes are persuasive.

work on the issues for which compensation is sought (see D.86-09-046), will be reimbursed at half his hourly rate of \$135.

UCAN seeks compensation at Shames' hourly rate for 6.8 hours spent on preparing and filing the request. The filed request is primarily an invoice for services; its preparation did not require a lawyer's skill. We think this task could have been performed by someone with a lower hourly rate. We will compensate UCAN for 6.8 hours spent preparing the request for compensation at one-half the attorney's hourly rate.

The request for litigation costs includes compensation for JBS Energy, Inc. economists Marcus and Nahigian. The analysis conducted by JBS Energy, Inc. focused upon SDG&E's operating and maintenance expenses. Expert witness fees of \$75 per hour for 5.75 hours are claimed for Marcus, and fees at the rate of \$50 per hour for 58.25 hours of work are claimed for Nahigian. In D.91-06-010, we granted UCAN's request for expert witness fees at the rates of \$75 and \$50 for Marcus and Nahigian, respectively. We find that UCAN's request for reimbursement for expert witness fees is a reasonable one. UCAN should receive \$1,410 for expert witness fees. UCAN should also be reimbursed for its itemized litigation costs.

The total compensation to UCAN is \$24,973.54. SDG&E should pay this amount to UCAN within 30 days of the effective date of this order. Any later payment will be accompanied by interest accruing at the three-month commercial paper rate beginning on the 31st day.

#### Conclusion

New rates reflecting the base rate revenues adopted herein should be established effective January 1, 1992.

Shareholders should be rewarded with 13.5% of energy savings achieved by SDG&E's 1992 DSM program, subject to a \$9 million earnings cap.

UCAN should receive intervenor compensation in the amount of \$24,973.54.

#### Findings of Fact

1. The interim decision in this proceeding, D.91-10-046, adopted a settlement agreement which resolved all issues but the question of what portion of energy savings from SDG&E's DSM programs should be awarded to shareholders and whether the award should be capped.
2. The results of operations and rates adopted by D.91-10-046 have been changed to make SDG&E's rates consistent with the outcome of several related proceedings.
3. The summary of earnings for each department and for SDG&E as a whole have been revised to incorporate the 10.75% rate of return adopted for SDG&E in 1992 by the decision on SDG&E's financial attrition application (D.91-11-059).
4. The summary of earnings from electric department operations have been revised to reflect changes in nuclear-related expenses and the method for recovery of WMBE expenditures ordered in the general rate case for Edison (A.90-12-018).
5. The increases in SDG&E's 1992 base rate revenues as adopted by this final decision are as follows: Electric - \$51,884,000; Gas - \$11,968,000; and Steam - \$201,000. The combined increase in base rate revenues is \$64,053,000.
6. The final version of SDG&E's "Summary of Earnings at Adopted Rates - 1992 Revenues" for its combined departments, the electric department, the steam department, and the gas department, is attached to this decision as Appendix A.
7. The revision of base rate revenues results in the following average increase in rates: Electric 3.8%; Gas 2.4%; and Steam 13.5%. The overall system average increase in rates is 3.4%.
8. The changes in base-rate revenues and rate schedules for SDG&E's electric and steam department, attached as Appendix B to this decision, are adopted.

9. The summary of base rate revenue requirement changes for SDG&E's gas department, in Appendix B, is also adopted.

10. Rates to be effective January 1, 1992 for SDG&E's electric and steam departments should be adopted now that the revenue requirement for each of SDG&E's operating departments is known.

11. The 2.4% increase in gas base rate revenues will be reflected in rates adopted in SDG&E's BCAP.

12. The interim decision provided that SDG&E's shareholders would be rewarded with a percentage of savings calculated to result from the implementation of certain DSM programs (shareholder reward), and that the reward would be subject to a maximum (earnings cap).

13. On August 26, 1991, SDG&E, DRA, and UCAN agreed that the shareholder incentive mechanism adopted in D.90-08-068 should be employed in 1992, that shareholders should continue to receive 13.5% of the savings achieved by designated DSM programs as well as a new 13.5% penalty if DSM expenditures do not result in a minimum level of energy savings, that SDG&E's maximum shareholder reward from all of SDG&E's 1992 programs will not exceed \$9 million, and that SDG&E may spend a maximum of \$36.4 million on reward-generating DSM programs.

14. The 13.5% share of energy savings and \$9 million shareholder earnings cap are reasonable means of encouraging SDG&E to create a market for DSM technology and services, to educate ratepayers about the benefits of DSM, and to undertake cost-effective DSM investment.

15. The stipulated 1992 DSM program is not precedential.

16. To promote a better understanding of the DSM programs approved for SDG&E since its last general rate case, a table outlining the 1992 DSM program and previously authorized DSM programs, expenditures, and recovery mechanisms is attached to this decision as Appendix C.

17. The review of SDG&E's 1992 DSM program will be primarily a verification of participation.



18. The DSM program guidelines prepared by SDG&E and DRA to take into account CACD findings from CACD's review of SDG&E's 1990 DSM activities are adopted and will be used to review SDG&E's 1992 DSM program results.

19. SDG&E will propose standards that will facilitate verification by Commission staff that DSM measures have been installed and are operating. CACD will review the proposed standards, and the CACD-approved standards will be implemented for 1992 DSM programs.

20. UCAN is a nonprofit consumer advocacy group that has represented residential San Diego area ratepayers in proceedings before the Commission since UCAN's inception in 1983. UCAN seeks compensation for costs it incurred as an intervenor in this proceeding.

21. On August 30, 1991, the "UCAN Request for Finding of Eligibility and Award of Intervenor Compensation" (Request) was filed. No party has filed any response to UCAN's Request.

22. In D.91-03-009, we found that UCAN had demonstrated significant financial hardship under Rule 76.52(f) and that our determination of significant financial hardship would carry over to other proceedings in which UCAN participates in calendar year 1991.

23. UCAN is eligible to claim intervenor compensation.

24. Because this case was submitted on the basis of a settlement agreement, UCAN's contribution to the adoption of the Commission's decision can be evaluated in terms of its contribution to the adopted settlement agreement.

25. UCAN made a substantial contribution to the Commission's adoption of the Settlement Agreement. UCAN's participation without an award of fees or costs would impose a significant financial hardship on the entity. We find that UCAN's participation did not duplicate that of any other party.

26. UCAN is awarded compensation for its role in devising the settlement agreement adopted by D.91-10-046 and the DSM stipulation approved herein.

27. UCAN seeks compensation in the amount of \$27,440.29 based on an hourly rate of \$150 for its attorney, Michael Shames.

28. Shames' work on DSM issues, general case preparation, revenue requirement issues, and travel time reflect reasonable case preparation on the issues presented by SDG&E's modified attrition application.

29. UCAN should receive compensation for the 161.65 hours billed by its attorney, Shames.

30. We found in D.91-06-010 that \$135 per hour was a reasonable rate of compensation for attorney Shames for work performed in 1990 and 1991.

31. Because of Shames' previous advocacy on DSM issues, he should receive a \$5 per hour enhancement to his base rate and should be compensated at a rate of \$140 per hour for the 103.8 hours of work performed on DSM.

32. The previously approved rate of \$135 should be paid for the 51.6 hours Shames spent on other issues in the attrition proceeding.

33. Consistent with previous intervenor compensation orders, Shames' travel time, which could not be used to work on the issues for which compensation is sought, will be reimbursed at one-half of his hourly rate (\$67.50).

34. UCAN will be compensated at the rate of one-half of Shames' hourly rate for 6.8 hours spent on the request for intervenor compensation because preparation of the request did not require a lawyer's skill.

35. UCAN will be reimbursed expert witness fees at the rate of \$75 per hour for Marcus and \$50 per hour for Nahigian. The total amount of reimbursement for litigation costs is \$2,173.79.

36. The total intervenor compensation to UCAN is \$24,973.54.

#### Conclusions of Law

1. It is reasonable to adopt the summary of operations shown in Appendix A.

2. It is reasonable to adopt the base rate revenues and rates shown in Appendix B.

3. It is reasonable to adopt the stipulation between SDG&E, UCAN, and DRA providing for a shareholder DSM reward/penalty at the rate of 13.5% of energy savings due to DSM expenditures, subject to a \$9 million cap.

4. UCAN is entitled to intervenor compensation in the amount of \$24,973.54 pursuant to Rule 76 of the Commission's Rules of Practice and Procedure.

FINAL ORDER

**IT IS ORDERED that:**

1. Within 5 days of the effective date of this decision, San Diego Gas & Electric Company (SDG&E) shall file an advice letter proposing tariffs to be effective January 1, 1992, that are consistent with the summary of earnings, base rate revenues, and rates adopted by this decision.

2. SDG&E shall implement a demand-side management (DSM) program for 1992 based on the settlement agreement adopted in D.91-10-046 and modified herein.

3. Within 30 days of the effective date of this decision, SDG&E shall draft standards to govern the contents of DSM project files. The purpose of these standards is to enable Commission staff to effectively verify the DSM client, type of load, technology used, differentiation between installations made in 1992 and previous installations, and current operation of the DSM technology. Each DSM project on which a claim for shareholder reward is based shall be documented according to these standards. The standards shall be reviewed by Commission Advisory and Compliance Division (CACD). The CACD-approved standards shall apply to shared-savings programs implemented on or after January 1, 1992.

4. Within 30 days of the effective date of this decision, SDG&E shall pay Utility Consumers' Action Network (UCAN) \$24,973.54 as intervenor compensation. If any portion of this payment is delayed, the amount remaining unpaid after 30 days shall accrue

interest at the 3-month commercial paper rate beginning on the 31st day, and that interest shall be paid to UCAN.

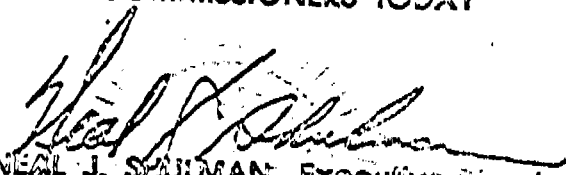
5. This proceeding is closed.

This order is effective today.

Dated December 20, 1991, at San Francisco, California.

I CERTIFY THAT THIS DECISION  
WAS APPROVED BY THE ABOVE  
COMMISSIONERS TODAY

PATRICIA M. ECKERT  
President  
JOHN B. OHANIAN  
DANIEL Wm. FESSLER  
NORMAN D. SHUMWAY  
Commissioners

  
NEAL J. SPELMAN, Executive Director

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APPENDIX A  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Forecast Period: January 1, 1992 through December 31, 1992

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APPENDIX A  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Forecast Period: January 1, 1992 through December 31, 1992  
SUMMARY OF EARNINGS AT ADOPTED RATES  
(\$000)

COMBINED DEPARTMENTS	(A) SDG&E Application	(B) DRA Report	(C) Settlement Agreement	(D) Adopted
1. Base Rate Revenues:				
2. Retail Revenues	1,068,031	1,030,506	1,043,832	1,046,539
3. Miscellaneous Revenues	20,157	20,157	20,157	20,157
4. Non-Jurisdictional Revenues	1,445	1,445	1,445	1,445
5. Subtotal Base Rate Revenues	1,089,633	1,052,108	1,065,434	1,068,141
6. Operating Expenses:				
7. O&M (Other than DSM)	359,277	327,140	339,455	347,032
8. Demand-Side Management a/	23,282	23,282	23,282	23,282
9. Subtotal O&M	382,559	350,422	362,737	370,314
10. Franchise Fees & Uncollectibles	23,231	22,408	22,698	22,757
11. Total O&M	405,790	372,830	385,435	393,072
12. Depreciation	201,909	201,192	201,741	201,888
13. Taxes (Other than Income)	50,508	50,129	50,353	50,353
14. Income Taxes	143,270	142,544	142,527	140,781
15. Total Taxes	193,778	192,673	192,880	191,134
16. Total Operating Expenses	801,477	766,695	780,056	786,094
17. Net Operating Income	288,156	285,413	285,378	282,047
18.				
19. Rate Base	2,641,332	2,615,867	2,615,867	2,624,691
20. Rate of Return	10.91%	10.91%	10.91%	10.75%
21. Other Rate Base Revenues	(1,893) b/	22,480 c/	13,955 c/	13,955 c/
22. TOTAL BASE RATE	1,087,740	1,074,588	1,079,389	1,082,096

NOTES:

(D) Reflects rate of return from SDG&E's 1992 Financial Attrition proceeding (A.91-05-023), SDG&E's share of SONGS expense and rate base results from SCE's 1992 GRC proceeding (A.90-12-018), and WMDE funding.

a/ Includes DSM programs in base rates. Excludes DSM programs in balancing account.

b/ Excludes DSM programs in balancing account.

c/ Includes DSM Reward, DSM balancing account, SONGS 2 and 3 post-COO amortization, ERAM balancing account and LIRA.

SUMMARY OF EARNINGS AT ADOPTED RATES  
(\$000)

ELECTRIC DEPARTMENT	(A) SDG&E Application	(B) DRA Report	(C) Settlement Agreement	(D) Adopted
1. Base Rate Revenues:				
2. Retail Revenues	904,976	873,064	883,910	887,365
3. Miscellaneous Revenues	17,005	17,005	17,005	17,005
4. Non-jurisdictional Revenues	1,445	1,445	1,445	1,445
5. Subtotal Base Rate Revenues	923,426	891,514	902,360	905,815
6. Operating Expenses:				
7. O&M (Other than DSM)	296,798	269,690	279,617	287,087
8. Demand-Side Management a/	18,406	18,406	18,406	18,406
9. Subtotal O&M	315,204	288,096	298,023	305,493
10. Franchise Fees & Uncollectibles	19,619	18,932	19,163	19,241
11. Total O&M	334,823	307,028	317,186	324,734
12. Depreciation	172,803	172,173	172,722	172,869
13. Taxes (Other than Income)	43,557	43,244	43,435	43,435
14. Income Taxes	121,671	121,023	121,006	119,548
15. Total Taxes	165,228	164,267	164,441	162,983
16. Total Operating Expenses	672,854	643,468	654,349	660,586
17. Net Operating Income	250,572	248,046	248,011	245,229
18.				
19. Rate Base	2,296,830	2,273,353	2,273,353	2,282,177
20. Rate of Return	10.91%	10.91%	10.91%	10.75%
21. Other Rate Base Revenues	16,564 b/	40,938 c/	33,733 c/	33,733 c/
22. TOTAL BASE RATE	939,990	932,452	936,093	939,548

NOTES:

(D) Reflects rate of return from SDG&E's 1992 Financial Attrition proceeding (A.91-05-023), SDG&E's share of SONGS expense and rate base results from SCE's 1992 GRC proceeding (A.90-12-018), and WMBE funding.

a/ Includes DSM programs in base rates. Excludes DSM programs in balancing account.

b/ Excludes DSM programs in balancing account.

c/ Includes DSM Reward, DSM balancing account, SONGS 2 and 3 post-COO amortization, ERAM balancing account and LIRA.

SUMMARY OF EARNINGS AT ADOPTED RATES  
(\$000)

GAS DEPARTMENT	[A] SDG&E Application	[B] DRA Report	[C] Settlement Agreement	[D] Adopted
1. Base Rate Revenues:				
2. Retail Revenues a/	161,418	155,829	158,295	157,548
3. Miscellaneous Revenues	3,152	3,152	3,152	3,152
4. Non-Jurisdictional Revenues	0	0	0	0
5. Subtotal Base Rate Revenues	164,570	158,981	161,447	160,700
6. Operating Expenses:				
7. O&M (Other than DSM)	60,986	55,978	58,354	58,461
8. Demand-Side Management b/	4,876	4,876	4,876	4,876
9. Subtotal O&M	65,862	60,854	63,230	63,337
10. Franchise Fees & Uncollectibles	3,581	3,446	3,504	3,486
11. Total O&M	69,443	64,300	66,734	66,823
12. Depreciation	29,065	28,978	28,978	28,978
13. Taxes (Other than Income)	6,900	6,835	6,867	6,867
14. Income Taxes	21,608	21,530	21,530	21,243
15. Total Taxes	28,508	28,365	28,397	28,110
16. Total Operating Expenses	127,016	121,643	124,109	123,910
17. Net Operating Income	37,554	37,338	37,338	36,790
18. Rate Base	344,230	342,246	342,246	342,246
20. Rate of Return	10.91%	10.91%	10.91%	10.75%
21. Other Rate Base Revenues	(18,106)	(18,107)	(19,427)	(19,427)
22. TOTAL BASE RATE	146,464	140,874	142,020	141,273

NOTES:

[D] Reflects rate of return from SDG&E's 1992 Financial Attrition proceeding (A.91-05-023), and WMBE funding.

a/ Includes \$14,051 of Interdepartmental.

b/ Includes DSM programs in base rates.

c/ Includes DSM Reward, LIRA, base rate balancing accounts and transmission.



SUMMARY OF EARNINGS AT ADOPTED RATES  
(\$000)

STEAM DEPARTMENT	(A) SDG&E Application	(B) DRA Report	(C) Settlement Agreement	(D) Adopted
1. Base Rate Revenues:				
2. Retail Revenues	1,637	1,613	1,627	1,626
3. Miscellaneous Revenues	0	0	0	0
4. Non-Jurisdictional Revenues	0	0	0	0
5. Subtotal Base Rate Revenues	1,637	1,613	1,627	1,626
6. Operating Expenses:				
7. O&M (Other than DSM)	1,493	1,472	1,484	1,484
8. Demand-Side Management	--	--	--	--
9. Subtotal O&M	1,493	1,472		1,484
10. Franchise Fees & Uncollectibles	31	30	31	31
11. Total O&M	1,524	1,502		1,515
12. Depreciation	41	41	41	41
13. Taxes (Other than Income)	51	50	51	51
14. Income Taxes	(9)	(9)	(9)	(9)
15. Total Taxes	42	41	42	42
16. Total Operating Expenses	1,607	1,584	1,598	83
17. Net Operating Income	30	29	29	1,543
18.				
19. Rate Base	272	268	268	268
20. Rate of Return	10.91%	10.91%	10.91%	10.75%
21. Other Rate Base Revenues a/	(351)	(351)	(351)	(351)
22. TOTAL BASE RATE	1,286	1,262	1,276	1,275

NOTES:

(D) Reflects rate of return from SDG&E's 1992 financial attrition proceeding (A.91-05-023).

a/ SRAM balancing account rate.

APPENDIX A  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Forecast Period: January 1, 1992 through December 31, 1992  
SUMMARY OF ADOPTED UPDATES TO SETTLEMENT AGREEMENT'S RESULTS  
(\$000)

Line	Description	Updated and Adopted Revenue Requirement
ELECTRIC DEPARTMENT:		
1.	1992 Financial Attrition [a]	(5,688)
2.	WMBE Base Rate Funding [b]	438
3.	SONGS Expenses Items: [c]	
4.	SONGS O&M	10,269
5.	SONGS Refueling	4,561
6.	NRC Fees	71
7.	SONGS Rate Base Items: [c]	
8.	SONGS Design Basis	2,142
	SONGS 1 Adjustment	(1,548)
GAS DEPARTMENT:		
9.	1992 Financial Attrition [a]	(856)
10.	WMBE Base Rate Funding [b]	109
STEAM DEPARTMENT:		
11.	1992 Financial Attrition [a]	(1)

NOTES:

- [a] Consistent with results in SDG&E's 1992 Financial Attrition proceeding (A.91-05-023). Updated values are added to Settlement Agreement's results.
- [b] Consistent with decision on WMBE funding in SCE's 1992 GRC proceeding (A.90-12-018). Updated values are added to Settlement Agreement's results.
- [c] Consistent with SONGS expense and rate base results in SCE's 1992 GRC proceeding (A.90-12-018). Updated values replace those reflected in Settlement Agreement's results.

(END OF APPENDIX A)

APPENDIX B -- RATE DESIGN  
SAN DIEGO GAS AND ELECTRIC COMPANY  
Forecast Period: January 1, 1992 through December 31, 1992

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APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

SUMMARY OF CHANGES IN BASE RATE REVENUE  
(\$000)

LINE NO.		PRESENT REVENUE (A)	REVENUE CHANGES (B)	ADOPTED REVENUE (C)	LINE NO.
1	BASE RATE REVENUES:				1
2	Authorized Margin (5/1/91)	\$826,678	\$0	\$826,678	2
3	1989 DSM Reward (1991 recovery)	4,057	(4,057)	0	3
4	1990 DSM Reward (1992 recovery)	0	6,065	6,065	4
5	Modified Attrition	0	60,687	60,687	5
6		-----	-----	-----	6
7	Subtotal	\$830,735	\$62,695	\$893,430	7
8					8
9	Sales Adjustment	10,485	(10,485)	0	9
10		-----	-----	-----	10
11	Subtotal Base Rate Revenue	\$841,220	\$52,210	\$893,430	11
12					12
13	BASE RATE BALANCING ACCOUNTS:				13
14	ERAM balancing account rate	(4,602)	0	(4,602)	14
15	Demand Side Management Program (DSM)	21,676	0	21,676	15
16	Low-Income Rate Assistance Adj. Clause (LIRA)	(2,315)	(326)	(2,641)	16
17	SONGS 2&3 pre-COO amortization	0	0	0	17
18	SONGS 2&3 post-COO amortization	13,213	0	13,213	18
19		-----	-----	-----	19
20	Subtotal Base Rate Balancing Accounts	\$27,972	(\$326)	\$27,646	20
21					21
22					22
23	Miscellaneous Revenues	17,005	0	17,005	23
24	Non-Jurisdictional Base Rate Revenues	1,445	0	1,445	24
25		-----	-----	-----	25
26	Subtotal	\$18,450	\$0	\$18,450	26
27					27
28	Total Base Rate Revenue	\$887,642	\$51,884	\$939,526	28
29		-----	-----	-----	29
30					30
31	ECAC AND AER:				31
32	Energy Cost Adjustment Clause (ECAC) Balancing	0	0	0	32
33	Energy Cost Adjustment Clause (ECAC) Offset	510,917	0	510,917	33
34	Annual Energy Rate (AER)	0	0	0	34
35		-----	-----	-----	35
36	Total ECAC, ERAM, and AER	\$510,917	\$0	\$510,917	36
37					37
38					38
39	TOTAL FOR ELECTRIC DEPARTMENT	\$1,398,559	\$51,884	\$1,450,443	39
40		-----	-----	-----	40
41					41
42	Total Revenue from Retail Sales (ln 39 - ln 26):	\$1,380,109	\$51,884	\$1,431,993	42

REVENUE ALLOCATION SUMMARY (1 of 2)

LINE NO.	CUSTOMER GROUP	ADOPTED SALES	PRESENT		ADOPTED		CHANGE IN		LINE NO.
		(GWH) (A)	REVENUE (\$000) (B)	AVG RATE (\$/KWH) (C)	REVENUE (\$000) (D)	AVG RATE (\$/KWH) (E)	(\$000) (F)	% (G)	
1	Residential	5,572.543	590,758	0.10601	613,250	0.11005	22,492	3.8%	1
2									2
3	Commercial/Industrial								3
4	General Service (A)	1,810.044	187,407	0.10354	194,711	0.10757	7,304	3.9%	4
5	GS-Demand Metered 20kW (AD)	1,627.452	145,759	0.08956	151,472	0.09307	5,713	3.9%	5
6	Large TOU	5,475.704	434,849	0.07941	450,563	0.08228	15,714	3.6%	6
7	Total Commercial/Industrial	8,913.200	768,015	0.08617	796,746	0.08939	28,731	3.7%	7
8									8
9	Agriculture	157.044	13,331	0.08489	13,785	0.08778	454	3.4%	9
10									10
11	Lighting	75.466	8,005	0.10607	8,212	0.10882	207	2.6%	11
12									12
13	Total	14,718.253	1,380,109	0.09377	1,431,993	0.09729	51,884	3.8%	13

Notes:

(1) Presents the results of the unconstrained Equal Percentage of Marginal Cost (EPMC) revenue allocation based on adopted sales.

Column calculations:

- (C) column B / column A / 1,000
- (D) source: page 1.3, column F
- (E) column D / column A / 1,000
- (F) column D - column B
- (G) (column D - column B) / column B

REVENUE ALLOCATION SUMMARY (2 of 2)

LINE NO.	CUSTOMER GROUP	UNADJUSTED MARGINAL COST REVENUE	MARGINAL COST REVENUE	EPMC REVENUE	ADJUSTMENTS	ADOPTED REVENUE (\$000) (F)	LINE NO.
		MARG COST REVENUE (\$000) (A)	ALLOCATION FACTOR (B)	ALLOCATION (\$000) (C)	FACILITY CHGS (\$000) (D)	LIRA ADJUSTMT (\$000) (E)	
1	Residential	658,207	43.29%	619,649	1	(6,400)	1
2							2
3	Commercial/Industrial						3
4	General Service (A)	206,031	13.55%	193,962	0	749	4
5	GS-Demand Metered 20kW (AD)	160,183	10.53%	150,799	0	673	5
6	Large TOU	476,187	31.32%	448,291	0	2,272	6
7	Total Commercial/Industrial	842,401	55.40%	793,052	0	3,694	7
8							8
9	Agriculture	14,552	0.96%	13,700	20	65	9
10							10
11	Lighting	5,460	0.36%	5,140	3,072	0	11
12							12
13	Total	1,520,621	100.00%	1,431,541	3,093	(2,641)	13

Notes:

1. Presents the adopted revenue requirement allocated among the customer groups based on the customer group marginal costs and EPMD revenue allocation method.

Column Calculations:

- (B) % = Marginal cost for group per column A / Total marginal cost per column A, line 13.  
 (C) Total EPMD revenue allocation per line 13 = revenue requirements per workpapers. EPMD revenue allocation for each group = total EPMD revenue allocation x column B % for that group.  
 (F) column C + column D + column E. Adopted revenue includes Facility Charges and LIRA adjustment.

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

RESIDENTIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91	ADOPTED RATE (D)	CHANGE		LINE NO.
			PRESENT RATES (C)		AMOUNT (E)	% (F)	
1	SCHEDULE DR						1
2	Baseline Energy	\$/Kwh	0.09481	0.09888	0.00407	4.29	2
3	Non-Baseline Energy	\$/Kwh	0.12480	0.12887	0.00407	3.26	3
4	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	4
5							5
6	SCHEDULE DR-LI						6
7	Baseline Energy	\$/Kwh	0.08024	0.08370	0.00346	4.31	7
8	Non-Baseline Energy	\$/Kwh	0.10573	0.10919	0.00346	3.27	8
9	Minimum Bill	\$/Day	0.139	0.139	0.000	0.00	9
10							10
11	SCHEDULE DM						11
12	Baseline Energy	\$/Kwh	0.09481	0.09888	0.00407	4.29	12
13	Non-Baseline Energy	\$/Kwh	0.12480	0.12887	0.00407	3.26	13
14	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	14
15							15
16	SCHEDULE DS						16
17	Baseline Energy	\$/Kwh	0.09481	0.09888	0.00407	4.29	17
18	Non-Baseline Energy	\$/Kwh	0.12480	0.12887	0.00407	3.26	18
19	Baseline Energy L/I	\$/Kwh	0.08024	0.08370	0.00346	4.31	19
20	Non-Baseline Energy L/I	\$/Kwh	0.10573	0.10919	0.00346	3.27	20
21	Unit Discount	\$/Day	0.110	0.110	0.000	0.00	21
22	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	22
23	Minimum Bill - L/I	\$/Day	0.139	0.139	0.000	0.00	23
24							24
25							25
26	SCHEDULE DT						26
27	Baseline Energy	\$/Kwh	0.09481	0.09888	0.00407	4.29	27
28	Non-Baseline Energy	\$/Kwh	0.12480	0.12887	0.00407	3.26	28
29	Baseline Energy L/I	\$/Kwh	0.08024	0.08370	0.00346	4.31	29
30	Non-Baseline Energy L/I	\$/Kwh	0.10573	0.10919	0.00346	3.27	30
31	Space Discount	\$/Day	0.312	0.312	0.000	0.00	31
32	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	32
33	Minimum Bill - L/I	\$/Day	0.139	0.139	0.000	0.00	33
34							34

NOTE (applicable to all Present & Adopted Rates tables in this appendix):

Column C: From presently effective tariffs.

Column D: A.91-03-001 rates modified to reflect ECAC and Rate Window decisions, D.91-04-063 and D.91-04-026, respectively, and this Decision.

Column E: Column D - Column C

Column F: (Column E - Column C) / Column C

L/I represents Low-Income

RESIDENTIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91	ADOPTED RATE (D)	CHANGE		LINE NO.
			PRESENT RATES (C)		AMOUNT (E)	% (F)	
1	SCHEDULE D-SMF						1
2	Customer Charge	\$/Month	20.00	20.00	0.00	0.00	2
3	On-Peak Demand	\$/KW	9.35	9.69	0.34	3.64	3
4	Baseline Energy	\$/Kwh	0.07927	0.08250	0.00323	4.07	4
5	Non-Baseline Energy	\$/Kwh	0.10435	0.10752	0.00317	3.04	5
6	Baseline Energy L/I	\$/Kwh	0.06738	0.07013	0.00275	4.08	6
7	Non-Baseline Energy L/I	\$/Kwh	0.08869	0.09140	0.00271	3.06	7
8	Unit Discount	\$/Kwh	0.110	0.110	0.000	0.00	8
9	Space Discount	\$/Kwh	0.312	0.312	0.000	0.00	9
10							10
11	SCHEDULE D-ATOU						11
12	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	12
13	Metering Charge	\$/Day	0.06	0.06	0.00	0.00	13
14	Energy: Baseline/On-Peak	\$/Kwh	0.14797	0.15432	0.00635	4.29	14
15	Energy: Baseline/Off-Peak	\$/Kwh	0.07398	0.07716	0.00318	4.30	15
16	Energy: Non-BL/On-Peak	\$/Kwh	0.19478	0.20112	0.00634	3.25	16
17	Energy: Non-BL/Off-Peak	\$/Kwh	0.09739	0.10056	0.00317	3.25	17
18	Baseline Adjustment	\$/Kwh	0.00000	0.00000	0.00000	0.00	18
19							19
20	SCHEDULE D-UTOU						20
21	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	21
22	Metering Charge	\$/Day	0.06	0.06	0.00	0.00	22
23	Energy: Baseline/On-Peak	\$/Kwh	0.10222	0.10661	0.00439	4.29	23
24	Energy: Baseline/Off-Peak	\$/Kwh	0.05111	0.05330	0.00219	4.28	24
25	Energy: Non-BL/On-Peak	\$/Kwh	0.13456	0.13894	0.00438	3.26	25
26	Energy: Non-BL/Off-Peak	\$/Kwh	0.06728	0.06947	0.00219	3.26	26
27	Baseline Adjustment	\$/Kwh	0.00000	0.00000	0.00000	0.00	27
28							28
29	SCHEDULE DR-TOU						29
30	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	30
31	Metering Charge	\$/Day	3.28	3.28	0.00	0.00	31
32	On-Peak Energy: Summer	\$/Kwh	0.30826	0.31683	0.00857	2.78	32
33	Off-Peak Energy: Summer	\$/Kwh	0.08210	0.08437	0.00227	2.76	33
34	On-Peak Energy: Winter	\$/Kwh	0.12298	0.12639	0.00341	2.77	34
35	Off-Peak Energy: Winter	\$/Kwh	0.08210	0.08437	0.00227	2.76	35
36	Baseline Adjustment	\$/Kwh	0.03000	0.03000	0.00000	0.00	36
37							37
38	SCHEDULE DR-TOU-2						38
39	Minimum Bill	\$/Day	0.164	0.164	0.000	0.00	39
40	Metering Charge	\$/Day	3.28	3.28	0.00	0.00	40
41	On-Peak Energy: Summer	\$/Kwh	0.26283	0.27208	0.00925	3.52	41
42	Off-Peak Energy: Summer	\$/Kwh	0.07005	0.07250	0.00245	3.50	42
43	On-Peak Energy: Winter	\$/Kwh	0.10490	0.10858	0.00368	3.51	43
44	Off-Peak Energy: Winter	\$/Kwh	0.07005	0.07250	0.00245	3.50	44



SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT RATES (C)	ADOPTED RATE (D)	CHANGE		LINE NO.
					AMOUNT (E)	% (F)	
1	SCHEDULE A						1
2	Customer Charge	\$/Month	5.00	5.00	0.00	0.00	2
3	Energy Charge	\$/Kwh	0.09938	0.10338	0.00400	4.02	3
4							4
5	SCHEDULE AD						5
6	Customer Charge	\$/Month	15.00	15.00	0.00	0.00	6
7	Demand Charge	\$/KW	6.48	6.74	0.26	4.01	7
8	Energy Charge	\$/Kwh	0.06691	0.06955	0.00264	3.95	8
9	On-Peak Rate Limiter: Summer	\$/Kwh	0.74	0.74	0.00	0.00	9
10	On-Peak Rate Limiter: Winter	\$/Kwh	0.29	0.29	0.00	0.00	10

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91	ADOPTED	CHANGE		LINE NO.
			PRESENT RATES (C)		RATE (D)	AMOUNT (E)	
1	SCHEDULE AL-YOU (Default Times)						1
2	Service Charge	\$/Month	30.00	30.00	0.00	0.00	2
3	On-Peak Rate Limiter: Summer	\$/Kwh	0.74	0.74	0.00	0.00	3
4	On-Peak Rate Limiter: Winter	\$/Kwh	0.29	0.29	0.00	0.00	4
5	Average Rate Limiter	\$/Kwh	0.35	0.35	0.00	0.00	5
6	Non-Coincident Demand						6
7	Secondary	\$/KW	3.58	3.71	0.13	3.63	7
8	Primary	\$/KW	2.85	2.95	0.10	3.51	8
9	Transmission	\$/KW	1.20	1.24	0.04	3.33	9
10	On-Peak Demand: Summer						10
11	Secondary	\$/KW	16.92	17.54	0.62	3.66	11
12	Primary	\$/KW	16.92	17.54	0.62	3.66	12
13	Transmission	\$/KW	10.64	11.03	0.39	3.67	13
14	On-Peak Demand: Winter						14
15	Secondary	\$/KW	3.94	4.08	0.14	3.55	15
16	Primary	\$/KW	3.94	4.08	0.14	3.55	16
17	Transmission	\$/KW	1.58	1.64	0.06	3.80	17
18	On-Peak Energy: Summer						18
19	Secondary	\$/Kwh	0.08199	0.08497	0.00298	3.63	19
20	Primary	\$/Kwh	0.07671	0.07950	0.00279	3.64	20
21	Transmission	\$/Kwh	0.07441	0.07712	0.00271	3.64	21
22	Semi-Peak Energy: Summer						22
23	Secondary	\$/Kwh	0.05302	0.05495	0.00193	3.64	23
24	Primary	\$/Kwh	0.05050	0.05234	0.00184	3.64	24
25	Transmission	\$/Kwh	0.04899	0.05077	0.00178	3.63	25
26	Off-Peak Energy: Summer						26
27	Secondary	\$/Kwh	0.04010	0.04156	0.00146	3.64	27
28	Primary	\$/Kwh	0.03753	0.03890	0.00137	3.65	28
29	Transmission	\$/Kwh	0.03640	0.03773	0.00133	3.65	29
30	On-Peak Energy: Winter						30
31	Secondary	\$/Kwh	0.07352	0.07620	0.00268	3.65	31
32	Primary	\$/Kwh	0.06876	0.07126	0.00250	3.64	32
33	Transmission	\$/Kwh	0.06669	0.06912	0.00243	3.64	33
34	Semi-Peak Energy: Winter						34
35	Secondary	\$/Kwh	0.04637	0.04806	0.00169	3.64	35
36	Primary	\$/Kwh	0.04305	0.04462	0.00157	3.65	36
37	Transmission	\$/Kwh	0.04176	0.04328	0.00152	3.64	37
38	Off-Peak Energy: Winter						38
39	Secondary	\$/Kwh	0.03902	0.04044	0.00142	3.64	39
40	Primary	\$/Kwh	0.03550	0.03679	0.00129	3.63	40
41	Transmission	\$/Kwh	0.03443	0.03568	0.00125	3.63	41

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT	ADOPTED	CHANGE		LINE NO.
			RATES (C)	RATE (D)	AMOUNT (E)	% (F)	
1	SCHEDULE AL-TOU (Optional Times)						1
2	Service Charge	\$/Month	30.00	30.00	0.00	0.00	2
3	On-Peak Rate Limiter: Summer	\$/Kwh	0.74	0.74	0.00	0.00	3
4	On-Peak Rate Limiter: Winter	\$/Kwh	0.29	0.29	0.00	0.00	4
5	Average Rate Limiter	\$/Kwh	0.35	0.35	0.00	0.00	5
6	Non-Coincident Demand						6
7	Secondary	\$/KW	3.58	3.71	0.13	3.63	7
8	Primary	\$/KW	2.85	2.95	0.10	3.51	8
9	Transmission	\$/KW	1.20	1.24	0.04	3.33	9
10	On-Peak Demand: Summer						10
11	Secondary	\$/KW	19.00	19.69	0.69	3.63	11
12	Primary	\$/KW	19.00	19.69	0.69	3.63	12
13	Transmission	\$/KW	11.95	12.38	0.43	3.60	13
14	On-Peak Demand: Winter						14
15	Secondary	\$/KW	3.94	4.08	0.14	3.55	15
16	Primary	\$/KW	3.94	4.08	0.14	3.55	16
17	Transmission	\$/KW	1.58	1.64	0.06	3.80	17
18	On-Peak Energy: Summer						18
19	Secondary	\$/Kwh	0.09208	0.09543	0.00335	3.64	19
20	Primary	\$/Kwh	0.08616	0.08929	0.00313	3.63	20
21	Transmission	\$/Kwh	0.08357	0.08661	0.00304	3.64	21
22	Semi-Peak Energy: Summer						22
23	Secondary	\$/Kwh	0.05954	0.06171	0.00217	3.64	23
24	Primary	\$/Kwh	0.05671	0.05878	0.00207	3.65	24
25	Transmission	\$/Kwh	0.05502	0.05702	0.00200	3.64	25
26	Off-Peak Energy: Summer						26
27	Secondary	\$/Kwh	0.04010	0.04156	0.00146	3.64	27
28	Primary	\$/Kwh	0.03753	0.03890	0.00137	3.65	28
29	Transmission	\$/Kwh	0.03640	0.03773	0.00133	3.65	29
30	On-Peak Energy: Winter						30
31	Secondary	\$/Kwh	0.07352	0.07620	0.00268	3.65	31
32	Primary	\$/Kwh	0.06876	0.07126	0.00250	3.64	32
33	Transmission	\$/Kwh	0.06669	0.06912	0.00243	3.64	33
34	Semi-Peak Energy: Winter						34
35	Secondary	\$/Kwh	0.04637	0.04806	0.00169	3.64	35
36	Primary	\$/Kwh	0.04305	0.04462	0.00157	3.65	36
37	Transmission	\$/Kwh	0.04176	0.04328	0.00152	3.64	37
38	Off-Peak Energy: Winter						38
39	Secondary	\$/Kwh	0.03902	0.04044	0.00142	3.64	39
40	Primary	\$/Kwh	0.03550	0.03679	0.00129	3.63	40
41	Transmission	\$/Kwh	0.03443	0.03568	0.00125	3.63	41

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT RATES (C)	ADOPTED RATE (D)	CHANGE		LINE NO.
					AMOUNT (E)	% (F)	
1	SCHEDULE A-6 TOU (Default Times)						1
2	Service Charge	\$/Month	600.00	600.00	0.00	0.00	2
3	On-Peak Rate Limiter: Summer	\$/Kwh	0.74	0.74	0.00	0.00	3
4	On-Peak Rate Limiter: Winter	\$/Kwh	0.29	0.29	0.00	0.00	4
5	Average Rate Limiter	\$/Kwh	0.35	0.35	0.00	0.00	5
6	Non-Coincident Demand						6
7	Primary	\$/KW	2.85	2.95	0.10	3.51	7
8	Transmission	\$/KW	1.20	1.24	0.04	3.33	8
9	On-Peak Demand: Summer						9
10	Primary	\$/KW	20.16	20.89	0.73	3.62	10
11	Transmission	\$/KW	12.92	13.39	0.47	3.64	11
12	On-Peak Demand: Winter						12
13	Primary	\$/KW	4.71	4.88	0.17	3.61	13
14	Transmission	\$/KW	2.09	2.17	0.08	3.83	14
15	On-Peak Energy: Summer						15
16	Primary	\$/Kwh	0.07671	0.07950	0.00279	3.64	16
17	Transmission	\$/Kwh	0.07441	0.07712	0.00271	3.64	17
18	Semi-Peak Energy: Summer						18
19	Primary	\$/Kwh	0.05050	0.05234	0.00184	3.64	19
20	Transmission	\$/Kwh	0.04899	0.05077	0.00178	3.63	20
21	Off-Peak Energy: Summer						21
22	Primary	\$/Kwh	0.03753	0.03890	0.00137	3.65	22
23	Transmission	\$/Kwh	0.03640	0.03773	0.00133	3.65	23
24	On-Peak Energy: Winter						24
25	Primary	\$/Kwh	0.06876	0.07126	0.00250	3.64	25
26	Transmission	\$/Kwh	0.06669	0.06912	0.00243	3.64	26
27	Semi-Peak Energy: Winter						27
28	Primary	\$/Kwh	0.04305	0.04462	0.00157	3.65	28
29	Transmission	\$/Kwh	0.04176	0.04328	0.00152	3.64	29
30	Off-Peak Energy: Winter						30
31	Primary	\$/Kwh	0.03550	0.03679	0.00129	3.63	31
32	Transmission	\$/Kwh	0.03443	0.03568	0.00125	3.63	32

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT RATES (C)	ADOPTED RATE (D)	CHANGE		LINE NO.
					AMOUNT (E)	% (F)	
1	SCHEDULE A-6 TOU (Optional Times)						1
2	Service Charge	\$/Month	600.00	600.00	0.00	0.00	2
3	On-Peak Rate Limiter: Summer	\$/Kwh	0.74	0.74	0.00	0.00	3
4	On-Peak Rate Limiter: Winter	\$/Kwh	0.29	0.29	0.00	0.00	4
5	Average Rate Limiter	\$/Kwh	0.35	0.35	0.00	0.00	5
6	Non-Coincident Demand						6
7	Primary	\$/KW	2.85	2.95	0.10	3.51	7
8	Transmission	\$/KW	1.20	1.24	0.04	3.33	8
9	On-Peak Demand: Summer						9
10	Primary	\$/KW	22.64	23.47	0.83	3.67	10
11	Transmission	\$/KW	14.51	15.04	0.53	3.65	11
12	On-Peak Demand: Winter						12
13	Primary	\$/KW	4.71	4.88	0.17	3.61	13
14	Transmission	\$/KW	2.09	2.17	0.08	3.83	14
15	On-Peak Energy: Summer						15
16	Primary	\$/Kwh	0.08616	0.08929	0.00313	3.63	16
17	Transmission	\$/Kwh	0.08357	0.08661	0.00304	3.64	17
18	Semi-Peak Energy: Summer						18
19	Primary	\$/Kwh	0.05671	0.05878	0.00207	3.65	19
20	Transmission	\$/Kwh	0.05502	0.05702	0.00200	3.64	20
21	Off-Peak Energy: Summer						21
22	Primary	\$/Kwh	0.03753	0.03890	0.00137	3.65	22
23	Transmission	\$/Kwh	0.03640	0.03773	0.00133	3.65	23
24	On-Peak Energy: Winter						24
25	Primary	\$/Kwh	0.06876	0.07126	0.00250	3.64	25
26	Transmission	\$/Kwh	0.06669	0.06912	0.00243	3.64	26
27	Semi-Peak Energy: Winter						27
28	Primary	\$/Kwh	0.04305	0.04462	0.00157	3.65	28
29	Transmission	\$/Kwh	0.04176	0.04328	0.00152	3.64	29
30	Off-Peak Energy: Winter						30
31	Primary	\$/Kwh	0.03550	0.03679	0.00129	3.63	31
32	Transmission	\$/Kwh	0.03443	0.03568	0.00125	3.63	32
33							33
34	SCHEDULE AO-TOU						34
35	Customer Charge	\$/Month	50.00	50.00	0.00	0.00	35
36	Non-Coincident Demand	\$/KW	8.49	8.82	0.33	3.89	36
37	On-Peak Demand: Summer	\$/KW	15.09	15.67	0.58	3.83	37
38	On-Peak Demand: Winter	\$/KW	4.06	4.22	0.16	3.94	38
39	Energy: On-Peak	\$/Kwh	0.04486	0.04658	0.00172	3.83	39
40	Energy: Semi-Peak	\$/Kwh	0.03753	0.03897	0.00144	3.84	40
41	Energy: Off-Peak	\$/Kwh	0.03354	0.03482	0.00128	3.82	41

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT RATES (C)	ADOPTED RATE (D)	CHANGE		LINE NO.
			AMOUNT (E)	% (F)			
1	SCHEDULE AO6-TOU						1
2	Customer Charge	\$/Month	250.00	250.00	0.00	0.00	2
3	Non-Coincident Demand	\$/KW	8.49	8.82	0.33	3.89	3
4	On-Peak Demand: Summer	\$/KW	17.98	18.67	0.69	3.84	4
5	On-Peak Demand: Winter	\$/KW	4.84	5.03	0.19	3.83	5
6	Energy: On-Peak	\$/Kwh	0.04486	0.04658	0.00172	3.83	6
7	Energy: Semi-Peak	\$/Kwh	0.03753	0.03897	0.00144	3.84	7
8	Energy: Off-Peak	\$/Kwh	0.03354	0.03482	0.00128	3.82	8
9							9
10	SCHEDULE AY-TOU						10
11	Service Charge	\$/Month	30.00	30.00	0.00	0.00	11
12	On-Peak Rate Limiter	\$/Kwh	0.48	0.48	0.00	0.00	12
13	Average Rate Limiter	\$/Kwh	0.35	0.35	0.00	0.00	13
14	Non-Coincident Demand						14
15	Secondary	\$/KW	3.58	3.71	0.13	3.63	15
16	Primary	\$/KW	2.85	2.95	0.10	3.51	16
17	Transmission	\$/KW	1.20	1.24	0.04	3.33	17
18	On-Peak Demand						18
19	Secondary	\$/KW	9.71	10.20	0.49	5.05	19
20	Primary	\$/KW	9.71	10.20	0.49	5.05	20
21	Transmission	\$/KW	5.56	5.85	0.29	5.22	21
22	On-Peak Energy						22
23	Secondary	\$/Kwh	0.07987	0.08286	0.00299	3.74	23
24	Primary	\$/Kwh	0.07461	0.07737	0.00276	3.70	24
25	Transmission	\$/Kwh	0.07238	0.07488	0.00250	3.45	25
26	Semi-Peak Energy						26
27	Secondary	\$/Kwh	0.04922	0.05109	0.00187	3.80	27
28	Primary	\$/Kwh	0.04614	0.04790	0.00176	3.81	28
29	Transmission	\$/Kwh	0.04527	0.04695	0.00168	3.71	29
30	Off-Peak Energy						30
31	Secondary	\$/Kwh	0.03998	0.04145	0.00147	3.68	31
32	Primary	\$/Kwh	0.03682	0.03818	0.00136	3.69	32
33	Transmission	\$/Kwh	0.03584	0.03715	0.00131	3.66	33
34							34
35	SCHEDULE S						35
36	Contracted Demand						36
37	Secondary	\$/Kwh	2.86	2.97	0.10	3.63	37
38	Primary	\$/Kwh	2.28	2.36	0.08	3.51	38
39	Transmission	\$/Kwh	0.96	0.99	0.03	3.33	39

APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91	ADOPTED RATE (D)	CHANGE		LINE NO.
			PRESENT RATES (C)		AMOUNT (E)	% (F)	
1	SCHEDULE A-E1						1
2	Customer Charge	\$/Month	600.00	600.00	0.00	0.00	2
3	Contract Demand	\$/KW	14.44	14.44	0.00	0.00	3
4	Semi-Peak Demand	\$/KW	0.50	0.50	0.00	0.00	4
5	Energy: On-Peak	\$/Kwh	8.70791	8.70791	0.00000	0.00	5
6	Energy: Semi-Peak	\$/Kwh	0.04806	0.05272	0.00466	9.70	6
7	Energy: Off-Peak	\$/Kwh	0.03441	0.03441	0.00000	0.00	7
8							8
9	SCHEDULE A-E2						9
10	Customer Charge	\$/Month	600.00	600.00	0.00	0.00	10
11	Contract Demand	\$/KW	10.75	11.26	0.51	4.74	11
12	Non-Coincident Demand						12
13	Secondary	\$/KW	3.58	3.71	0.13	3.63	13
14	Primary	\$/KW	2.85	2.95	0.10	3.51	14
15	Transmission	\$/KW	1.20	1.24	0.04	3.33	15
16	Energy: On-Peak	\$/Kwh	4.57078	4.78835	0.21757	4.76	16
17	Energy: Semi-Peak	\$/Kwh	0.06806	0.07201	0.00395	5.80	17
18	Energy: Off-Peak	\$/Kwh	0.03441	0.03507	0.00066	1.92	18
19							19
20	SCHEDULE R-TOU-3						20
21	Customer Charge	\$/Month	600.00	600.00	0.00	0.00	21
22	Contract Demand	\$/KW	10.75	11.26	0.51	4.74	22
23	Non-Coincident Demand						23
24	Secondary	\$/KW	3.58	3.71	0.13	3.63	24
25	Primary	\$/KW	2.85	2.95	0.10	3.51	25
26	Transmission	\$/KW	1.20	1.24	0.04	3.33	26
27	Energy: Super-Peak	\$/Kwh	1.28685	1.35899	0.07214	5.61	27
28	Energy: On-Peak	\$/Kwh	0.10408	0.10992	0.00584	5.61	28
29	Energy: Semi-Peak	\$/Kwh	0.04978	0.05257	0.00279	5.60	29
30	Energy: Off-Peak	\$/Kwh	0.03441	0.03507	0.00066	1.92	30
31							31
32	SCHEDULE R-TOU-4						32
33	Customer Charge	\$/Month	600.00	600.00	0.00	0.00	33
34	Contract Demand	\$/KW	10.75	11.26	0.51	4.74	34
35	Non-Coincident Demand						35
36	Secondary	\$/KW	3.58	3.71	0.13	3.63	36
37	Primary	\$/KW	2.85	2.95	0.10	3.51	37
38	Transmission	\$/KW	1.20	1.24	0.04	3.33	38
39	Energy: Super-Peak	\$/Kwh	0.50340	0.53162	0.02822	5.61	39
40	Energy: On-Peak	\$/Kwh	0.08319	0.08786	0.00467	5.61	40
41	Energy: Semi-Peak	\$/Kwh	0.04490	0.04741	0.00251	5.59	41
42	Energy: Off-Peak	\$/Kwh	0.03441	0.03507	0.00066	1.92	42

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT	ADOPTED	CHANGE		LINE NO.
			RATES (C)	RATE (D)	AMOUNT (E)	% (F)	
1	SCHEDULE I-1						1
2	Rate A: Utility Control	\$/KW	3.43	3.43	0.00	0.00	2
3	Rate B: Customer Control	\$/KW	2.29	2.29	0.00	0.00	3
4	Rate C						4
5	Utility Control	\$/KW	3.43	3.43	0.00	0.00	5
6	Customer Control	\$/KW	2.29	2.29	0.00	0.00	6
7							7
8	SCHEDULE I-2						8
9	Rate A: 1 YR Cancellation						9
10	Guaranteed Load	\$/KW	5.60	5.60	0.00	0.00	10
11	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	11
12	Rate A: 5 YR Cancellation						12
13	Guaranteed Load	\$/KW	7.06	7.06	0.00	0.00	13
14	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	14
15	Rate B: 1 YR Cancellation						15
16	Guaranteed Load	\$/KW	5.15	5.15	0.00	0.00	16
17	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	17
18	Rate B: 5 YR Cancellation						18
19	Guaranteed Load	\$/KW	6.47	6.47	0.00	0.00	19
20	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	20
21	Rate C: 1 YR Cancellation						21
22	Guaranteed Load	\$/KW	4.15	4.15	0.00	0.00	22
23	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	23
24	Rate C: 5 YR Cancellation						24
25	Guaranteed Load	\$/KW	5.24	5.24	0.00	0.00	25
26	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	26
27	Rate D: 1 YR Cancellation						27
28	Guaranteed Load	\$/KW	3.80	3.80	0.00	0.00	28
29	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	29
30	Rate D: 5 YR Cancellation						30
31	Guaranteed Load	\$/KW	4.80	4.80	0.00	0.00	31
32	Each Interruption	\$/KW	0.28	0.28	0.00	0.00	32



SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

AGRICULTURAL -- PRESENT & ADOPTED RATES

LINE NO.	DESCRIPTION (A)	UNITS (B)	5/1/91 PRESENT RATES (C)	ADOPTED RATE (D)	CHANGE		LINE NO.
					AMOUNT (E)	% (F)	
1	SCHEDULE PA						1
2	Customer Charge	\$/Month	8.00	8.00	0.00	0.00	2
3	Energy	\$/Kwh	0.08238	0.08526	0.00288	3.50	3
4							4
5	SCHEDULE PA-TOU						5
6	Metering Charge	\$/Month	10.00	10.00	0.00	0.00	6
7	Customer Charge	\$/Month	8.00	8.00	0.00	0.00	7
8	Energy: On-Peak	\$/Kwh	0.14650	0.15356	0.00706	4.82	8
9	Energy: Off-Peak	\$/Kwh	0.06737	0.06945	0.00208	3.09	9
10							10
11	SCHEDULE PA-T-1						11
12	Customer Charge	\$/Month	30.00	30.00	0.00	0.00	12
13	Demand: On-Peak						13
14	Option A	\$/KW	11.13	11.53	0.40	3.59	14
15	Option B	\$/KW	9.78	10.13	0.35	3.58	15
16	Option C	\$/KW	9.57	9.92	0.35	3.66	16
17	Option D	\$/KW	9.97	10.33	0.36	3.61	17
18	Option E	\$/KW	9.77	10.12	0.35	3.58	18
19	Option F	\$/KW	9.35	9.69	0.34	3.64	19
20	Demand: Semi-Peak	\$/KW	0.50	0.50	0.00	0.00	20
21	Energy: On-Peak	\$/Kwh	0.08626	0.09179	0.00553	6.41	21
22	Energy: Semi-Peak	\$/Kwh	0.06409	0.06726	0.00317	4.95	22
23	Energy: Off-Peak	\$/Kwh	0.04205	0.04287	0.00082	1.95	23

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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STREET LIGHT -- PRESENT AND ADOPTED RATES

		5/1/91							
		PRESENT		ADOPTED		CHANGE			
DESCRIPTION		RATE		RATE					
LINE	WATTS	LUMENS	(\$/Lamp)	(\$/Lamp)	(\$/Lamp)	%		LINE	
NO.	(A)	(B)	(C)	(D)	(E)	(F)		NO.	
1	LS-1, Mercury Vapor, Class A								1
2	175	7,000	10.01	10.24	0.23	2.30		2	
3	250	10,000	13.26	13.56	0.30	2.26		3	
4	400	20,000	18.12	18.60	0.48	2.65		4	
5	700	35,000	34.52	35.67	1.15	3.33		5	
6	LS-1, Mercury Vapor, Class C, 1-Lamp								6
7	175	7,000	18.65	18.88	0.23	1.23		7	
8	250	10,000	24.75	25.07	0.32	1.29		8	
9	400	20,000	29.62	30.11	0.49	1.65		9	
10	LS-1, Mercury Vapor, Class C, 2-Lamp								10
11	175	7,000	28.40	28.85	0.45	1.58		11	
12	400	20,000	48.34	49.31	0.97	2.01		12	
13	LS-1, HPSV, Class A								13
14	70	5,800	6.54	6.65	0.11	1.68		14	
15	100	9,500	7.56	7.71	0.15	1.98		15	
16	150	16,000	8.95	9.16	0.21	2.35		16	
17	200	22,000	10.77	11.02	0.25	2.32		17	
18	250	30,000	13.58	13.90	0.32	2.36		18	
19	400	50,000	16.95	17.45	0.50	2.95		19	
20	1,000	140,000	35.28	36.43	1.15	3.26		20	
21	LS-1, HPSV, Class B, 1-Lamp								21
22	70	5,800	7.22	7.33	0.11	1.52		22	
23	100	9,500	8.24	8.39	0.15	1.82		23	
24	150	16,000	9.64	9.84	0.20	2.07		24	
25	200	22,000	11.64	11.90	0.26	2.23		25	
26	250	30,000	14.46	14.79	0.33	2.28		26	
27	400	50,000	17.92	18.42	0.50	2.79		27	
28	1,000	140,000	36.33	37.48	1.15	3.17		28	
29	LS-1, HPSV, Class B, 2-Lamp								29
30	70	5,800	12.56	12.78	0.22	1.75		30	
31	100	9,500	14.61	14.91	0.30	2.05		31	
32	150	16,000	17.40	17.80	0.40	2.30		32	
33	200	22,000	21.27	21.79	0.52	2.44		33	
34	250	30,000	26.91	27.56	0.65	2.42		34	
35	400	50,000	33.57	34.57	1.00	2.98		35	
36	1,000	140,000	70.35	72.65	2.30	3.27		36	
37	LS-1, HPSV, Class C, 1-Lamp								37
38	70	5,800	15.17	15.29	0.12	0.79		38	
39	100	9,500	16.20	16.35	0.15	0.93		39	
40	150	16,000	17.61	17.82	0.21	1.19		40	
41	200	22,000	22.26	22.52	0.26	1.17		41	
42	250	30,000	25.07	25.41	0.34	1.36		42	
43	400	50,000	29.90	30.41	0.51	1.71		43	
44	1,000	140,000	49.20	50.36	1.16	2.36		44	

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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STREET LIGHT -- PRESENT AND ADOPTED RATES

		5/1/91						
		PRESENT		ADOPTED		CHANGE		
DESCRIPTION		RATE		RATE				
LINE NO.	WATTS (A)	LUMENS (B)	(\$/Lamp) (C)	(\$/Lamp) (D)	(\$/Lamp) (E)	% (F)	LINE NO.	
<hr/>								
1	LS-1, HPSV, Class C, 2-Lamp						1	
2	70	5,800	21.44	21.66	0.22	1.03	2	
3	100	9,500	23.48	23.79	0.31	1.32	3	
4	150	16,000	26.29	26.70	0.41	1.56	4	
5	200	22,000	33.60	34.13	0.53	1.58	5	
6	250	30,000	39.23	39.90	0.67	1.71	6	
7	400	50,000	44.90	45.90	1.00	2.23	7	
8	1,000	140,000	82.98	85.29	2.31	2.78	8	
9	LS-1, LPSV, Class A						9	
10	35	4,800	7.99	8.07	0.08	1.00	10	
11	55	8,000	8.64	8.73	0.09	1.04	11	
12	90	13,500	10.65	10.80	0.15	1.41	12	
13	135	22,500	13.15	13.36	0.21	1.60	13	
14	180	33,000	14.28	14.53	0.25	1.75	14	
15	LS-1, LPSV, Class B, 1-Lamp						15	
16	35	4,800	8.68	8.76	0.08	0.92	16	
17	55	8,000	9.44	9.53	0.09	0.95	17	
18	90	13,500	11.45	11.61	0.16	1.40	18	
19	135	22,500	14.14	14.36	0.22	1.56	19	
20	180	33,000	15.28	15.52	0.24	1.57	20	
21	LS-1, LPSV, Class B, 2-Lamp						21	
22	35	4,800	15.49	15.64	0.15	0.97	22	
23	55	8,000	16.89	17.07	0.18	1.07	23	
24	90	13,500	20.92	21.22	0.30	1.43	24	
25	135	22,500	26.17	26.60	0.43	1.64	25	
26	180	33,000	28.44	28.93	0.49	1.72	26	
27	LS-1, LPSV, Class C, 1-Lamp						27	
28	35	4,800	16.64	16.72	0.08	0.48	28	
29	55	8,000	17.39	17.49	0.10	0.58	29	
30	90	13,500	19.42	19.58	0.16	0.82	30	
31	135	22,500	24.76	24.98	0.22	0.89	31	
32	180	33,000	25.89	26.15	0.26	1.00	32	
33	LS-1, LPSV, Class C, 2-Lamp						33	
34	35	4,800	24.36	24.52	0.16	0.66	34	
35	55	8,000	25.76	25.96	0.20	0.78	35	
36	90	13,500	29.81	30.12	0.31	1.04	36	
37	135	22,500	38.50	38.94	0.44	1.14	37	
38	180	33,000	40.77	41.27	0.50	1.23	38	

STREET LIGHT -- PRESENT AND ADOPTED RATES

LINE NO.	DESCRIPTION		5/1/91 PRESENT RATE (\$/Lamp) (C)	ADOPTED RATE (\$/Lamp) (D)	CHANGE		LINE NO.
	WATTS (A)	LUMENS (B)			(\$/Lamp) (E)	% (F)	
1	LS-1, Facilities and Rates, Class A						1
2	Center Suspension		4.77	4.78	0.01	0.21	2
3	Non-Standard Wood Pole						3
4	30-foot		2.39	2.39	0.00	0.00	4
5	35-foot		2.69	2.69	0.00	0.00	5
6	Reactor Ballast Discount						6
7	175		(0.98)	(0.98)	0.00	0.00	7
8	250		(0.38)	(0.38)	0.00	0.00	8
9							9
10	LS-2, Mercury Vapor, Rate A						10
11	175	7,000	5.25	5.46	0.21	4.00	11
12	250	10,000	7.30	7.60	0.30	4.11	12
13	400	20,000	11.49	11.97	0.48	4.18	13
14	700	35,000	19.49	20.30	0.81	4.16	14
15	1,000	55,000	27.54	28.67	1.13	4.10	15
16	LS-2, Mercury Vapor, Rate B, Energy & Limited Maintenance						16
17	175	7,000	5.85	6.07	0.22	3.76	17
18	250	10,000	7.90	8.20	0.30	3.80	18
19	400	20,000	12.10	12.58	0.48	3.97	19
20	LS-2, Mercury Vapor, Surcharge for series service						20
21	175	7,000	0.40	0.40	0.00	0.00	21
22	250	10,000	0.50	0.50	0.00	0.00	22
23	400	20,000	0.72	0.72	0.00	0.00	23
24	700	35,000	1.32	1.32	0.00	0.00	24
25	LS-2, HPSV, Rate A						25
26	50	3,300	1.45	1.51	0.06	4.14	26
27	70	5,800	2.52	2.63	0.11	4.37	27
28	100	9,500	3.52	3.67	0.15	4.26	28
29	150	16,000	4.82	5.02	0.20	4.15	29
30	200	22,000	6.15	6.40	0.25	4.07	30
31	250	30,000	7.82	8.14	0.32	4.09	31
32	310	37,000	9.57	9.97	0.40	4.18	32
33	400	50,000	11.89	12.39	0.50	4.21	33
34	1,000	140,000	27.54	28.67	1.13	4.10	34
35	LS-2, HPSV, Rate B, Energy & Limited Maintenance						35
36	50	3,300	2.13	2.19	0.06	2.82	36
37	70	5,800	3.20	3.30	0.10	3.13	37
38	100	9,500	4.20	4.34	0.14	3.33	38
39	150	16,000	5.52	5.72	0.20	3.62	39
40	200	22,000	6.84	7.09	0.25	3.65	40
41	250	30,000	8.51	8.84	0.33	3.88	41
42	310	37,000	10.27	10.67	0.40	3.89	42
43	400	50,000	12.60	13.09	0.49	3.89	43
44	1,000	140,000	28.40	29.53	1.13	3.98	44

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- PRESENT AND ADOPTED RATES

		5/1/91							
		PRESENT		ADOPTED		CHANGE			
DESCRIPTION		RATE		RATE					
LINE NO.	WATTS (A)	LUMENS (B)	(\$/Lamp) (C)	(\$/Lamp) (D)	(\$/Lamp) (E)	% (F)		LINE NO.	
1	LS-2, HPSV, Reduction for 120-volt Reactor Ballast							1	
2	70	5,800	(0.40)	(0.40)	0.00	0.00		2	
3	100	9,500	(0.53)	(0.53)	0.00	0.00		3	
4	150	16,000	(0.49)	(0.49)	0.00	0.00		4	
5	LS-2, HPSV, Surcharge for Series Service							5	
6	50	3,300	0.45	0.45	0.00	0.00		6	
7	70	5,800	(0.22)	(0.22)	0.00	0.00		7	
8	100	9,500	(0.23)	(0.23)	0.00	0.00		8	
9	150	16,000	0.02	0.02	0.00	0.00		9	
10	200	22,000	0.48	0.48	0.00	0.00		10	
11	LS-2, LPSV, Rate A							11	
12	35	4,800	1.63	1.69	0.06	3.68		12	
13	55	8,000	2.13	2.22	0.09	4.23		13	
14	90	13,500	3.52	3.66	0.14	3.98		14	
15	135	22,500	5.00	5.20	0.20	4.00		15	
16	180	33,000	5.70	5.94	0.24	4.21		16	
17	LS-2, LPSV, Surcharge for series service							17	
18	35	4,800	(0.23)	(0.23)	0.00	0.00		18	
19	55	8,000	(0.13)	(0.13)	0.00	0.00		19	
20	90	13,500	0.45	0.45	0.00	0.00		20	
21	135	22,500	0.80	0.80	0.00	0.00		21	
22	180	33,000	0.51	0.51	0.00	0.00		22	
23	LS-2, Incandescent Lamps, Rate A, Energy Only							23	
24	1,000		1.77	1.84	0.07	3.95		24	
25	2,500		3.93	4.09	0.16	4.07		25	
26	4,000		5.92	6.16	0.24	4.05		26	
27	6,000		8.69	9.04	0.35	4.03		27	
28	10,000		14.75	15.36	0.61	4.14		28	
29	LS-2, Incandescent Lamps, Rate B, Energy and Limited Maintenance							29	
30	4,000		7.88	8.12	0.24	3.05		30	
31	6,000		10.69	11.05	0.36	3.37		31	
32								32	
33	LS-3							33	
34	Energy Charge (\$/kwh)		0.07653	0.07921	0.00268	3.50		34	
35	Min Charge (\$/month)		5.81	5.81	0.00	0.00		35	
36								36	
37	OL-1, Mercury Vapor, Rate A, St Light Luminaire							37	
38	175	7,000	9.88	10.09	0.21	2.13		38	
39	400	20,000	19.97	20.45	0.48	2.40		39	
40	OL-1, HPSV, Rate A, Street Light Luminaire							40	
41	100	9,500	8.35	8.50	0.15	1.80		41	
42	150	16,000	9.76	9.96	0.20	2.05		42	
43	250	30,000	14.87	15.20	0.33	2.22		43	
44	400	50,000	17.97	18.47	0.50	2.78		44	
45	1,000	140,000	36.97	38.11	1.14	3.08		45	

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992  
STREET LIGHT -- PRESENT AND ADOPTED RATES

LINE NO.	DESCRIPTION		5/1/91 PRESENT RATE (\$/Lamp) (C)	ADOPTED RATE (\$/Lamp) (D)	CHANGE ----- (\$/Lamp) % (E) (F)		LINE NO.
	WATTS (A)	LUMENS (B)					
1	OL-1, HPSV, Rate B, Directional Luminaire						1
2	250	30,000	17.57	17.88	0.31	1.76	2
3	400	50,000	21.63	22.10	0.47	2.17	3
4	1,000	140,000	37.93	39.01	1.08	2.85	4
5	OL-1, LPSV, Rate A, Street Light Luminaire						5
6	55	8,000	8.75	8.84	0.09	1.03	6
7	90	13,000	10.78	10.94	0.16	1.48	7
8	135	22,500	13.31	13.53	0.22	1.65	8
9	180	33,000	14.46	14.71	0.25	1.73	9
10	OL-1, Pole						10
11	30 ft wood pole		3.16	3.16	0.00	0.00	11
12	35 ft wood pole		3.55	3.55	0.00	0.00	12
13							13
14	DWL, facilities Charges						14
15	3 of Util Invt.		0.0186	0.0186	0.0000	0.00	15
16	DWL, Energy and Lamp Maintenance Charge						16
17	50 Watt HPSV		3.21	3.27	0.06	1.87	17
18	DWL, Min. Charge		151.33	151.46	0.13	0.09	18

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

RESIDENTIAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATES (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	EMPLOYEE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1								1
2	SCHEDULE DR							2
3	Baseline Energy	2,648,117,000	0.09481	251,067,973	0.1615	0.699	252,414,629	3
4	Non-Baseline Energy	2,149,196,000	0.12480	268,219,661	0.1615	0.699	269,658,314	4
5	Minimum Bill	7,319,000	0.16400	1,200,316	0.1615	0.699	1,206,754	5
6								6
7	Subtotal						523,279,697	7
8								8
9	SCHEDULE DR-LI							9
10	Baseline Energy	390,035,000	0.08024	31,296,408	0.1615	0.699	31,464,273	10
11	Non-Baseline Energy	125,203,000	0.10573	13,237,713	0.1615	0.699	13,308,716	11
12	Minimum Bill	829,000	0.13900	115,231	0.1615	0.699	115,849	12
13								13
14	Subtotal						44,888,839	14
15								15
16	SCHEDULE DM							16
17	Baseline Energy	58,827,000	0.09481	5,577,388	0.0000	0.823	5,623,290	17
18	Non-Baseline Energy	44,741,000	0.12480	5,583,677	0.0000	0.823	5,629,630	18
19	Minimum Bill	0	0.16400	0	0.0000	0.823	0	19
20								20
21	Subtotal						11,252,920	21
22								22
23	SCHEDULE DS							23
24	Baseline Energy	14,197,000	0.09481	1,346,018	0.0000	0.896	1,358,078	24
25	Non-Baseline Energy	2,197,000	0.12480	274,186	0.0000	0.896	276,642	25
26	Baseline Energy L/I	1,522,000	0.08024	122,125	0.0000	0.896	123,220	26
27	Non-Baseline Energy L/I	235,000	0.10573	24,847	0.0000	0.896	25,069	27
28	Unit Discount	2,033,000	(0.11000)	(223,630)	0.0000	0.896	(225,634)	28
29	Minimum Bill	0	0.16400	0	0.0000	0.896	0	29
30								30
31	Subtotal						1,557,375	31

Notes (applicable to all Revenues at Present Rates tables in this appendix):

Column B: From Settlement Agreement workpapers.

Column C: From presently effective tariffs.

Column D: Column B \* Column C.

Column E: From 'Workpaper Clarifying Derivation of Employee Discount Factor', A.91-03-001.

Column F: From SDFFD 'Development of Annual Percentage Factors' workpaper, A.91-03-001.

Column G: Column D \* (1 - Column E) \* (1 + Column F).

L/I represents Low-Income.

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

RESIDENTIAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	EMPLOYEE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	
1								1
2	SCHEDULE DT							2
3	Baseline Energy	96,252,000	0.09481	9,125,652	0.0000	0.201	9,143,995	3
4	Non-Baseline Energy	28,589,000	0.12480	3,567,907	0.0000	0.201	3,575,079	4
5	Baseline Energy L/I	10,358,000	0.08024	831,126	0.0000	0.201	832,796	5
6	Non-Baseline Energy L/I	3,076,000	0.10573	325,225	0.0000	0.201	325,879	6
7	Space Discount	13,108,000	(0.31200)	(4,089,696)	0.0000	0.201	(4,097,916)	7
8	Minimum Bill	0	0.16400	0	0.0000	0.201	0	8
9								9
10	Subtotal						9,779,833	10
11								11
12	TOTAL RESIDENTIAL						590,758,664	12



APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	VOLTAGE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	SCHEDULE A							1
2	Customer Charge	1,183,467	5.00	5,917,335	0.0000	0.865	5,968,520	2
3	Energy Charge	1,810,044,000	0.09938	179,882,173	0.0000	0.865	181,438,154	3
4								4
5								5
6	TOTAL SCHEDULE A						187,406,673	6

**COMMERCIAL AND INDUSTRIAL -- REVENUES AT PRESENT RATES**

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	VOLTAGE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	SCHEDULE AD							1
2	Customer Charge	66,396	15.00	995,940	0.1090	1.002	1,004,823	2
3	Demand Charge	5,322,000	6.48	34,486,560	0.1090	1.002	34,794,148	3
4	Energy Charge	1,627,452,000	0.03250	52,892,190	0.1090	1.002	53,363,940	4
5	Energy ECAC/AER	1,627,452,000	0.03441	56,000,623	0.0000	1.002	56,561,750	5
6	Total Energy		0.06691					6
7								7
8								8
9	Subtotal Schedule AD						145,724,660	9
10	Standby Revenues Adjustment						33,517	10
11	TOTAL SCHEDULE AD						145,758,177	11

APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	(E)	SDFPD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	SCHEDULE AL-TOU							1
2	Customer Charge	92,819	30.00	2,784,570		1.227	2,818,737	2
3	Non-Coincident Demand							3
4	Secondary	7,137,000	3.58	25,550,460		1.227	25,863,964	4
5	Primary	5,038,000	2.85	14,358,300		1.227	14,534,476	5
6	On-Peak Demand: Summer							6
7	Secondary	2,851,000	16.92	48,230,920		1.227	48,830,812	7
8	Primary	2,036,000	16.92	34,449,120		1.227	34,871,811	8
9	On-Peak Demand: Winter							9
10	Secondary	3,417,000	3.94	13,462,980		1.227	13,628,171	10
11	Primary	2,445,000	3.94	9,633,300		1.227	9,751,501	11
12	On-Peak Energy: Summer							12
13	Secondary	299,312,000	0.08199	24,540,591		1.227	24,841,704	13
14	Primary	217,867,000	0.07671	16,712,578		1.227	16,917,641	14
15	Semi-Peak Energy: Summer							15
16	Secondary	348,179,000	0.05302	18,460,451		1.227	18,686,960	16
17	Primary	276,914,000	0.05050	13,984,157		1.227	14,155,743	17
18	Off-Peak Energy: Summer							18
19	Secondary	490,709,000	0.04010	19,677,431		1.227	19,918,873	19
20	Primary	403,155,000	0.03753	15,130,407		1.227	15,316,057	20
21	On-Peak Energy: Winter							21
22	Secondary	168,227,000	0.07352	12,368,049		1.227	12,519,805	22
23	Primary	128,799,000	0.06876	8,856,219		1.227	8,964,885	23
24	Semi-Peak Energy: Winter							24
25	Secondary	654,508,000	0.04637	30,349,536		1.227	30,721,925	25
26	Primary	523,081,000	0.04305	22,518,637		1.227	22,794,941	26
27	Off-Peak Energy: Winter							27
28	Secondary	625,594,000	0.03902	24,410,678		1.227	24,710,197	28
29	Primary	528,338,000	0.03550	18,755,999		1.227	18,986,135	29
30								30
31	Subtotal Schedule AL-TOU						378,834,336	31
32	Standby Revenues Adjustment						590,982	32
33	Rate Limiter Adjustment						(909,202)	33
34	TOTAL SCHEDULE AL-TOU						378,516,115	34

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

COMMERCIAL AND INDUSTRIAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	5/1/91 PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	(E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	SCHEDULE A6-TOU							1
2	Customer Charge	609	600.00	365,400		1.235	369,913	2
3	Non-Coincident Demand							3
4	Primary	1,671,000	2.85	4,762,350		1.235	4,821,165	4
5	Transmission	211,000	1.20	253,200		1.235	256,327	5
6	On-Peak Demand: Summer							6
7	Primary	486,000	20.16	9,797,760		1.235	9,918,762	7
8	Transmission	52,000	12.92	671,840		1.235	680,137	8
9	On-Peak Demand: Winter							9
10	Primary	591,000	4.71	2,783,610		1.235	2,817,988	10
11	Transmission	69,000	2.09	144,210		1.235	145,991	11
12	On-Peak Energy: Summer							12
13	Primary	66,729,000	0.07671	5,118,782		1.235	5,181,999	13
14	Transmission	8,385,000	0.07441	623,928		1.235	631,633	14
15	Semi-Peak Energy: Summer							15
16	Primary	88,738,000	0.05050	4,481,269		1.235	4,536,613	16
17	Transmission	12,577,000	0.04899	616,147		1.235	623,757	17
18	Off-Peak Energy: Summer							18
19	Primary	147,082,000	0.03753	5,519,987		1.235	5,588,159	19
20	Transmission	25,853,000	0.03640	941,049		1.235	952,671	20
21	On-Peak Energy: Winter							21
22	Primary	42,934,000	0.06876	2,952,142		1.235	2,988,601	22
23	Transmission	5,540,000	0.06669	369,463		1.235	374,025	23
24	Semi-Peak Energy: Winter							24
25	Primary	167,120,000	0.04305	7,194,516		1.235	7,283,368	25
26	Transmission	18,005,000	0.04176	751,889		1.235	761,175	26
27	Off-Peak Energy: Winter							27
28	Primary	201,282,000	0.03550	7,145,511		1.235	7,233,758	28
29	Transmission	26,776,000	0.03443	921,898		1.235	933,283	29
30								30
31	Subtotal Schedule A6-TOU						56,099,325	31
32	Standby Revenues Adjustment						290,595	32
33	Rate Limiter Adjustment						(56,660)	33
34	TOTAL SCHEDULE A6-TOU						56,333,259	34
35								35
36	TOTAL AL AND A6 (pre-adjustment)						434,933,661	36
37	TOTAL AL AND A6 (w/ adjustment)						434,849,375	37
38								38
39								39
40	TOTAL COMMERCIAL AND INDUSTRIAL						768,014,225	40

APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

AGRICULTURAL -- REVENUES AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	PRESENT RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	(E)	SDFFD (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	SCHEDULE PA							1
2	Customer Charge	41,592	8.00	332,736		0.336	333,854	2
3	Energy	155,654,000	0.08238	12,822,777		0.336	12,865,861	3
4								4
5	Subtotal						13,199,715	5
6								6
7	SCHEDULE PA-TOU							7
8	Metering Charge	680	8.00	5,440		0.000	5,440	8
9	Customer Charge	680	10.00	6,800		0.000	6,800	9
10	Energy: On-Peak	316,000	0.14650	46,294		0.000	46,294	10
11	Energy: Off-Peak	1,074,000	0.06737	72,355		0.000	72,355	11
12								12
13	Subtotal						130,889	13
14								14
15	TOTAL AGRICULTURAL						13,330,604	15

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- REVENUE AT PRESENT RATES

				5/1/91						
DESCRIPTION				PRESENT	SUB-TOTAL	SOFFD	TOTAL			
LINE	# LAMPS	WATTS	LUMENS	RATE	REVENUE	FACTOR	REVENUE			
NO.	(A)	(B)	(C)	(\$/Lamp)	(\$)	(%)	(\$)			
----	-----	-----	-----	-----	-----	-----	-----			
1	LS-1, Mercury Vapor, Class A								1	
2	7,858	175	7,000	10.01	78,659	0.059	78,705		2	
3	123	250	10,000	13.26	1,631	0.059	1,632		3	
4	2,074	400	20,000	18.12	37,581	0.059	37,603		4	
5	56	700	35,000	34.52	1,933	0.059	1,934		5	
6	LS-1, Mercury Vapor, Class C, 1-Lamp								6	
7	448	175	7,000	18.65	8,355	0.059	8,360		7	
8	1	250	10,000	24.75	25	0.059	25		8	
9	314	400	20,000	29.62	9,301	0.059	9,306		9	
10	LS-1, Mercury Vapor, Class C, 2-Lamp								10	
11	34	175	7,000	28.40	966	0.059	966		11	
12	1	400	20,000	48.34	48	0.059	48		12	
13	LS-1, HPSV, Class A								13	
14	19,280	70	5,800	6.54	126,091	0.059	126,166		14	
15	146,977	100	9,500	7.56	1,111,146	0.059	1,111,802		15	
16	5,593	150	16,000	8.95	50,057	0.059	50,087		16	
17	146	200	22,000	10.77	1,572	0.059	1,573		17	
18	19,269	250	30,000	13.58	261,673	0.059	261,827		18	
19	168	400	50,000	16.95	2,848	0.059	2,849		19	
20	1	1,000	140,000	35.28	35	0.059	35		20	
21	LS-1, HPSV, Class B, 1-Lamp								21	
22	7,656	70	5,800	7.22	55,276	0.059	55,309		22	
23	17,969	100	9,500	8.24	148,065	0.059	148,152		23	
24	1,995	150	16,000	9.64	19,232	0.059	19,243		24	
25	527	200	22,000	11.64	6,134	0.059	6,138		25	
26	4,192	250	30,000	14.46	60,616	0.059	60,652		26	
27	90	400	50,000	17.92	1,613	0.059	1,614		27	
28	1	1,000	140,000	36.33	36	0.059	36		28	
29	LS-1, HPSV, Class B, 2-Lamp								29	
30	179	70	5,800	12.56	2,248	0.059	2,250		30	
31	1,121	100	9,500	14.61	16,378	0.059	16,387		31	
32	1,199	150	16,000	17.40	20,863	0.059	20,875		32	
33	1	200	22,000	21.27	21	0.059	21		33	
34	34	250	30,000	26.91	915	0.059	915		34	
35	1	400	50,000	33.57	34	0.059	34		35	
36	1	1,000	140,000	70.35	70	0.059	70		36	
37	LS-1, HPSV, Class C, 1-Lamp								37	
38	13,877	70	5,800	15.17	210,514	0.059	210,638		38	
39	52,326	100	9,500	16.20	847,681	0.059	848,181		39	
40	4,147	150	16,000	17.61	73,029	0.059	73,072		40	
41	1	200	22,000	22.26	22	0.059	22		41	
42	5,268	250	30,000	25.07	132,069	0.059	132,147		42	
43	1,569	400	50,000	29.90	46,913	0.059	46,941		43	
44	1	1,000	140,000	49.20	49	0.059	49		44	

STREET LIGHT -- REVENUE AT PRESENT RATES

				5/1/91					
LINE NO.	# LAMPS (A)	DESCRIPTION (B)	WATTS (C)	LUMENS (D)	PRESENT RATE (\$/Lamp) (E)	SUB-TOTAL REVENUE (\$) (F)	SOFFD FACTOR (%) (G)	TOTAL REVENUE (\$) (H)	LINE NO.
1	LS-1, HPSV, Class C, 2-Lamp								1
2	448	70	5,800	21.44	9,605	0.059	9,611	2	
3	919	100	9,500	23.48	21,578	0.059	21,591	3	
4	235	150	16,000	26.29	6,178	0.059	6,182	4	
5	1	200	22,000	33.60	34	0.059	34	5	
6	504	250	30,000	39.23	19,772	0.059	19,784	6	
7	1	400	50,000	44.90	45	0.059	45	7	
8	1	1,000	140,000	82.98	83	0.059	83	8	
9	LS-1, LPSV, Class A								9
10	1	35	4,800	7.99	8	0.059	8	10	
11	560	55	8,000	8.64	4,838	0.059	4,841	11	
12	370	90	13,500	10.65	3,941	0.059	3,943	12	
13	112	135	22,500	13.15	1,473	0.059	1,474	13	
14	1,928	180	33,000	14.28	27,532	0.059	27,548	14	
15	LS-1, LPSV, Class B, 1-Lamp								15
16	1	35	4,800	8.68	9	0.059	9	16	
17	276	55	8,000	9.44	2,605	0.059	2,607	17	
18	242	90	13,500	11.45	2,771	0.059	2,773	18	
19	241	135	22,500	14.14	3,408	0.059	3,410	19	
20	241	180	33,000	15.28	3,682	0.059	3,685	20	
21	LS-1, LPSV, Class B, 2-Lamp								21
22	1	35	4,800	15.49	15	0.059	15	22	
23	1	55	8,000	16.89	17	0.059	17	23	
24	1	90	13,500	20.92	21	0.059	21	24	
25	1	135	22,500	26.17	26	0.059	26	25	
26	1	180	33,000	28.44	28	0.059	28	26	
27	LS-1, LPSV, Class C, 1-Lamp								27
28	1	35	4,800	16.64	17	0.059	17	28	
29	359	55	8,000	17.39	6,243	0.059	6,247	29	
30	280	90	13,500	19.42	5,438	0.059	5,441	30	
31	247	135	22,500	24.76	6,116	0.059	6,119	31	
32	269	180	33,000	25.89	6,964	0.059	6,969	32	
33	LS-1, LPSV, Class C, 2-Lamp								33
34	1	35	4,800	24.36	24	0.059	24	34	
35	1	55	8,000	25.76	26	0.059	26	35	
36	1	90	13,500	29.81	30	0.059	30	36	
37	1	135	22,500	38.50	39	0.059	39	37	
38	1	180	33,000	40.77	41	0.059	41	38	

STREET LIGHT -- REVENUE AT PRESENT RATES

5/1/91									
LINE NO.	# LAMPS (A)	DESCRIPTION		PRESENT RATE	SUB-TOTAL REVENUE	SDFFD FACTOR	TOTAL REVENUE	LINE NO.	
		WATTS (B)	LUMENS (C)	(\$/Lamp) (D)	(\$)(E)	(%)(F)	(\$)(G)		
1	LS-1, Facilities and Rates, Class A								1
2	12	Center Suspension		4.77	57	0.059	57	2	
3		Non-Standard Wood Pole						3	
4	9,264	30-foot		2.39	22,141	0.059	22,154	4	
5	1,680	35-foot		2.69	4,519	0.059	4,522	5	
6		Recator Ballast Discount						6	
7	3,139	175		(0.98)	(3,076)	0.059	(3,078)	7	
8	11	250		(0.38)	(4)	0.059	(4)	8	
9	Subtotal Revenue LS-1				3,489,943		3,492,002	9	
10	-----								10
11									11
12	LS-2, Mercury Vapor, Rate A								12
13	22,621	175	7,000	5.25	118,760	0.673	119,560	13	
14	471	250	10,000	7.30	3,438	0.673	3,461	14	
15	11,546	400	20,000	11.49	132,664	0.673	133,556	15	
16	482	700	35,000	19.49	9,394	0.673	9,457	16	
17	45	1,000	55,000	27.54	1,239	0.673	1,248	17	
18	LS-2, Mercury Vapor, Rate B, Energy & Limited Maintenance								18
19	6,401	175	7,000	5.85	37,446	0.673	37,698	19	
20	22	250	10,000	7.90	174	0.673	175	20	
21	1,625	400	20,000	12.10	19,663	0.673	19,795	21	
22	LS-2, Mercury Vapor, Surcharge for series service								22
23	804	175	7,000	0.40	322	0.673	324	23	
24	1	250	10,000	0.50	1	0.673	1	24	
25	3,900	400	20,000	0.72	2,808	0.673	2,827	25	
26	312	700	35,000	1.32	412	0.673	415	26	
27	LS-2, HPSV, Rate A								27
28	1,334	50	3,300	1.45	1,934	0.673	1,947	28	
29	46,452	70	5,800	2.52	117,059	0.673	117,847	29	
30	85,808	100	9,500	3.52	302,044	0.673	304,077	30	
31	23,697	150	16,000	4.82	114,220	0.673	114,988	31	
32	26,622	200	22,000	6.15	163,725	0.673	164,827	32	
33	48,010	250	30,000	7.82	375,438	0.673	377,965	33	
34	3,441	310	37,000	9.57	32,930	0.673	33,152	34	
35	3,634	400	50,000	11.89	43,446	0.673	43,738	35	
36	1	1,000	140,000	27.54	28	0.673	28	36	



**SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
Forecast Period: January 1, 1992 through December 31, 1992

**STREET LIGHT -- REVENUE AT PRESENT RATES**

				5/1/91					LINE
LINE	DESCRIPTION			PRESENT	SUB-TOTAL	SDFPD	TOTAL		LINE
NO.	# LAMPS	WATTS	LUMENS	RATE	REVENUE	FACTOR	REVENUE		NO.
	(A)	(B)	(C)	(\$/Lamp)	(\$)	(%)	(\$)	(G)	
1	LS-2, HPSV, Rate B, Energy & Limited Maintenance								1
2	1	50	3,300	2.13	2	0.673	2		2
3	796	70	5,800	3.20	2,547	0.673	2,564		3
4	1,087	100	9,500	4.20	4,565	0.673	4,596		4
5	2,376	150	16,000	5.52	13,116	0.673	13,204		5
6	1	200	22,000	6.84	7	0.673	7		6
7	572	250	30,000	8.51	4,868	0.673	4,900		7
8	1	310	37,000	10.27	10	0.673	10		8
9	1	400	50,000	12.60	13	0.673	13		9
10	1	1,000	140,000	28.40	28	0.673	29		10
11	LS-2, HPSV, Reduction for 120-volt Reactor Ballast								11
12	20,782	70	5,800	(0.40)	(8,313)	0.673	(8,369)		12
13	18,888	100	9,500	(0.53)	(10,011)	0.673	(10,078)		13
14	8,048	150	16,000	(0.49)	(3,944)	0.673	(3,970)		14
15	LS-2, HPSV, Surcharge for Series Service								15
16	1	50	3,300	0.45	0	0.673	0		16
17	1	70	5,800	(0.22)	(0)	0.673	(0)		17
18	336	100	9,500	(0.23)	(77)	0.673	(78)		18
19	156	150	16,000	0.02	3	0.673	3		19
20	132	200	22,000	0.48	63	0.673	64		20
21	LS-2, LPSV, Rate A								21
22	22,183	35	4,800	1.63	36,158	0.673	36,402		22
23	259,621	55	8,000	2.13	552,993	0.673	556,714		23
24	70,832	90	13,500	3.52	249,329	0.673	251,007		24
25	57,796	135	22,500	5.00	288,980	0.673	290,925		25
26	16,680	180	33,000	5.70	95,076	0.673	95,716		26
27	LS-2, LPSV, Surcharge for series service								27
28	15,108	35	4,800	(0.23)	(3,475)	0.673	(3,498)		28
29	13,788	55	8,000	(0.13)	(1,792)	0.673	(1,805)		29
30	1,596	90	13,500	0.45	718	0.673	723		30
31	16,572	135	22,500	0.80	13,258	0.673	13,347		31
32	120	180	33,000	0.51	61	0.673	62		32
33	LS-2, Incandescent Lamps, Rate A, Energy Only								33
34	493	1,000	1,77	1.77	873	0.673	878		34
35	22	2,500	3.93	3.93	86	0.673	87		35
36	1	4,000	5.92	5.92	6	0.673	6		36
37	168	6,000	8.69	8.69	1,460	0.673	1,470		37
38	34	10,000	14.75	14.75	502	0.673	503		38
39	LS-2, Incandescent Lamps, Rate B, Energy and Limited Maintenance								39
40	1	4,000	7.88	7.88	8	0.673	8		40
41	67	6,000	10.69	10.69	716	0.673	721		41
42									42
43	Subtotal Revenue LS-2					2,714,979		2,733,250	43
44									44

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- REVENUE AT PRESENT RATES

LINE NO.	# LAMPS (A)	DESCRIPTION (B)	WATTS (C)	LUMENS (D)	5/1/91 PRESENT RATE (\$/Lamp) (E)	SUB-TOTAL REVENUE (\$ (F))	SDFFD FACTOR (X) (G)	TOTAL REVENUE (\$ (H))	LINE NO.
1									1
2		LS-3							2
3	5,479,000	Energy Charge			\$0.07653	419,308	1.165	424,193	3
4	1	Minimum Charge			\$5.81	6	1.165	6	4
5									5
6		Subtotal Revenue LS-3				419,314		424,199	6
7									7
8									8
9		OL-1, Mercury Vapor, Rate A, St Light Luminaire							9
10	1		175	7,000	9.88	10	0.673	10	10
11	1		400	20,000	19.97	20	0.673	20	11
12		OL-1, HPSV, Rate A, Street Light Luminaire							12
13	34,926		100	9,500	8.35	458,632	0.673	461,719	13
14	3,531		150	16,000	9.76	34,463	0.673	34,694	14
15	31,386		250	30,000	14.87	466,710	0.673	469,851	15
16	1,569		400	50,000	17.97	28,195	0.673	28,385	16
17	1		1,000	140,000	36.97	37	0.673	37	17
18		OL-1, HPSV, Rate B, Directional Luminaire							18
19	1,681		250	30,000	17.57	29,535	0.673	29,734	19
20	560		400	50,000	21.63	12,113	0.673	12,194	20
21	168		1,000	140,000	37.93	6,372	0.673	6,415	21
22		OL-1, LPSV, Rate A, Street Light Luminaire							22
23	0		55	8,000	8.75	0	0.673	0	23
24	0		90	13,000	10.78	0	0.673	0	24
25	0		135	22,500	13.31	0	0.673	0	25
26	0		180	33,000	14.46	0	0.673	0	26
27		OL-1, Pole							27
28	14,040	30 ft wood pole			3.16	44,366	0.673	44,665	28
29	18,000	35 ft wood pole			3.55	63,900	0.673	64,330	29
30									30
31		Subtotal Revenue OL-1				1,144,353		1,152,054	31
32									32
33									33
34		DWL, facilities Charges							34
35	8,500,000	% of Util invst.			\$0.01860	158,100	0.465	158,835	35
36		DWL, Energy and Lamp Maintenance Charge							36
37	13,732	50 Watt HPSV			\$3.21	44,080	0.465	44,285	37
38		DWL, Min. Charge							38
39	1				\$151.33	151	0.465	152	39
40									40
41		Subtotal Revenue DWL				202,331		203,272	41
42									42
43		TOTAL STREET LIGHT REVENUES				7,970,919		8,004,777	43

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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RESIDENTIAL -- REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	EMPLOYEE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1								1
2	SCHEDULE DR							2
3	Baseline Energy	2,648,117,000	0.09888	261,845,809	0.1615	0.699	263,250,274	3
4	Non-Baseline Energy	2,149,196,000	0.12887	276,966,889	0.1615	0.699	278,452,459	4
5	Minimum Bill	7,319,000	0.16400	1,200,316	0.1615	0.699	1,206,754	5
6								6
7	Subtotal						542,909,487	7
8								8
9	SCHEDULE DR-LI							9
10	Baseline Energy	390,035,000	0.08370	32,645,930	0.1615	0.699	32,821,033	10
11	Non-Baseline Energy	125,203,000	0.10919	13,670,916	0.1615	0.699	13,744,242	11
12	Minimum Bill	829,000	0.13900	115,231	0.1615	0.699	115,849	12
13								13
14	Subtotal						46,681,124	14
15								15
16	SCHEDULE DM							16
17	Baseline Energy	58,827,000	0.09888	5,816,814	0.0000	0.823	5,844,686	17
18	Non-Baseline Energy	44,741,000	0.12887	5,765,773	0.0000	0.823	5,813,225	18
19	Minimum Bill	0	0.16400	0	0.0000	0.823	0	19
20								20
21	Subtotal						11,677,911	21
22								22
23	SCHEDULE DS							23
24	Baseline Energy	14,197,000	0.09888	1,403,799	0.0000	0.896	1,416,377	24
25	Non-Baseline Energy	2,197,000	0.12887	283,127	0.0000	0.896	285,664	25
26	Baseline Energy L/I	1,522,000	0.08370	127,391	0.0000	0.896	128,533	26
27	Non-Baseline Energy L/I	235,000	0.10919	25,660	0.0000	0.896	25,890	27
28	Unit Discount	2,033,000	(0.11000)	(223,630)	0.0000	0.896	(225,634)	28
29	Minimum Bill	0	0.16400	0	0.0000	0.896	0	29
30								30
31	Subtotal						1,630,830	31

Notes (applicable to all Revenues at Adopted Rates tables in this appendix):

Column B: From Settlement Agreement workpapers.

Column C: From rate design workpapers.

Column D: Column B \* Column C.

Column E: From 'Workpaper Clarifying Derivation of Employee Discount Factor', A.91-03-001.

Column F: From SDFFD 'Development of Annual Percentage Factors' workpaper, A.91-03-001.

Column G: Column D \* (1 - Column E) \* (1 + Column F).

L/I represents Low-Income.

RESIDENTIAL -- REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	EMPLOYEE DISCOUNT FACTOR (%) (E)	SOFFO (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1								1
2	SCHEDULE DT							2
3	Baseline Energy	96,252,000	0.09888	9,517,398	0.0000	0.201	9,536,528	3
4	Non-Baseline Energy	28,589,000	0.12887	3,684,264	0.0000	0.201	3,691,670	4
5	Baseline Energy L/I	10,358,000	0.08370	866,965	0.0000	0.201	868,707	5
6	Non-Baseline Energy L/I	3,076,000	0.10919	335,868	0.0000	0.201	336,544	6
7	Space Discount	13,108,000	(0.31200)	(4,089,696)	0.0000	0.201	(4,097,916)	7
8	Minimum Bill	0	0.16400	0	0.0000	0.201	0	8
9								9
10	Subtotal						10,335,532	10
11								11
12	TOTAL RESIDENTIAL						613,234,885	12

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL - REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	VOLTAGE DISCOUNT FACTOR (%) (E)	SOFFD (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1	SCHEDULE A							1
2	Customer Charge	1,183,467	5.00	5,917,335	0.0000	0.865	5,968,520	2
3	Energy Charge	1,810,044,000	0.10338	187,122,349	0.0000	0.865	188,740,957	3
4								4
5								5
6	TOTAL SCHEDULE A						194,709,477	6

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL - REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	VOLTAGE DISCOUNT FACTOR (%) (E)	SDFFD (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1	SCHEDULE AD							1
2	Customer Charge	66,396	15.00	995,940	0.1090	1.002	1,004,823	2
3	Demand Charge	5,322,000	6.74	35,870,280	0.1090	1.002	36,190,210	3
4	Energy Charge	1,627,452,000	0.03514	57,188,663	0.1090	1.002	57,698,733	4
5	Energy ECAC/AER	1,627,452,000	0.03441	56,000,623	0.0000	1.002	56,561,750	5
6	Total Energy		0.06955					6
7								7
8								8
9	Subtotal Schedule AD						151,455,516	9
10	Standby Revenues Adjustment						33,517	10
11	TOTAL SCHEDULE AD						151,489,032	11

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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COMMERCIAL AND INDUSTRIAL - REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	(E)	SDFFD (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1	SCHEDULE AL-TOU							1
2	Customer Charge	92,819	30.00	2,784,570		1.227	2,818,737	2
3	Non-Coincident Demand							3
4	Secondary	7,137,000	3.71	26,478,270		1.227	26,803,158	4
5	Primary	5,038,000	2.95	14,862,100		1.227	15,044,458	5
6	On-Peak Demand: Summer							6
7	Secondary	2,851,000	17.54	50,006,540		1.227	50,620,120	7
8	Primary	2,036,000	17.54	35,711,440		1.227	36,149,619	8
9	On-Peak Demand: Winter							9
10	Secondary	3,417,000	4.08	13,941,360		1.227	14,112,420	10
11	Primary	2,445,000	4.08	9,975,600		1.227	10,098,001	11
12	On-Peak Energy: Summer							12
13	Secondary	299,312,000	0.08497	25,432,541		1.227	25,744,598	13
14	Primary	217,867,000	0.07950	17,320,427		1.227	17,532,948	14
15	Semi-Peak Energy: Summer							15
16	Secondary	348,179,000	0.05495	19,132,436		1.227	19,367,191	16
17	Primary	276,914,000	0.05234	14,493,679		1.227	14,671,516	17
18	Off-Peak Energy: Summer							18
19	Secondary	490,709,000	0.04156	20,393,866		1.227	20,644,099	19
20	Primary	403,155,000	0.03890	15,682,729		1.227	15,875,157	20
21	On-Peak Energy: Winter							21
22	Secondary	168,227,000	0.07620	12,818,897		1.227	12,976,185	22
23	Primary	128,799,000	0.07126	9,178,217		1.227	9,290,833	23
24	Semi-Peak Energy: Winter							24
25	Secondary	654,508,000	0.04806	31,455,654		1.227	31,841,615	25
26	Primary	523,081,000	0.04462	23,339,874		1.227	23,626,254	26
27	Off-Peak Energy: Winter							27
28	Secondary	625,594,000	0.04044	25,299,021		1.227	25,609,440	28
29	Primary	528,338,000	0.03679	19,437,555		1.227	19,676,054	29
30								30
31	Subtotal Schedule AL-TOU						392,502,405	31
32	Standby Revenues Adjustment						612,304	32
33	Rate Limiter Adjustment						(942,006)	33
34	TOTAL SCHEDULE AL-TOU						392,172,703	34

COMMERCIAL AND INDUSTRIAL - REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)	(E)	SOFFO (%) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1	SCHEDULE A6-TOU							1
2	Customer Charge	609	600.00	365,400		1.235	369,913	2
3	Non-Coincident Demand							3
4	Primary	1,671,000	2.95	4,929,450		1.235	4,990,329	4
5	Transmission	211,000	1.24	261,640		1.235	264,871	5
6	On-Peak Demand: Summer							6
7	Primary	486,000	20.89	10,152,540		1.235	10,277,924	7
8	Transmission	52,000	13.39	696,280		1.235	704,879	8
9	On-Peak Demand: Winter							9
10	Primary	591,000	4.88	2,884,080		1.235	2,919,698	10
11	Transmission	69,000	2.17	149,730		1.235	151,579	11
12	On-Peak Energy: Summer							12
13	Primary	66,729,000	0.07950	5,304,956		1.235	5,370,472	13
14	Transmission	8,385,000	0.07712	646,651		1.235	654,637	14
15	Semi-Peak Energy: Summer							15
16	Primary	88,738,000	0.05234	4,644,547		1.235	4,701,907	16
17	Transmission	12,577,000	0.05077	638,534		1.235	646,420	17
18	Off-Peak Energy: Summer							18
19	Primary	147,082,000	0.03890	5,721,490		1.235	5,792,150	19
20	Transmission	25,853,000	0.03773	973,434		1.235	987,480	20
21	On-Peak Energy: Winter							21
22	Primary	42,934,000	0.07126	3,059,477		1.235	3,097,261	22
23	Transmission	5,540,000	0.06912	382,925		1.235	387,654	23
24	Semi-Peak Energy: Winter							24
25	Primary	167,120,000	0.04462	7,456,894		1.235	7,548,987	25
26	Transmission	18,005,000	0.04328	779,256		1.235	788,880	26
27	Off-Peak Energy: Winter							27
28	Primary	201,282,000	0.03679	7,405,165		1.235	7,496,619	28
29	Transmission	26,776,000	0.03568	955,368		1.235	967,166	29
30								30
31	Subtotal Schedule A6-TOU						58,118,828	31
32	Standby Revenues Adjustment						301,056	32
33	Rate Limiter Adjustment						(58,700)	33
34	TOTAL SCHEDULE A6-TOU						58,361,183	34
35								35
36	TOTAL AL AND A6 (pre-adjustment)						450,621,233	36
37	TOTAL AL AND A6 (w/ adjustment)						450,533,886	37
38								38
39								39
40	TOTAL COMMERCIAL AND INDUSTRIAL						796,732,396	40



SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
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AGRICULTURAL - REVENUES AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	SUB-TOTAL REVENUE (\$) (D)		SDFFD (X) (F)	TOTAL ADOPTED REVENUE (\$) (G)	LINE NO.
1	SCHEDULE PA							1
2	Customer Charge	41,592	8.00	332,736		0.336	333,854	2
3	Energy	155,654,000	0.08526	13,271,060		0.336	13,315,651	3
4								4
5	Subtotal						13,649,505	5
6								6
7	SCHEDULE PA-TOU							7
8	Metering Charge	680	8.00	5,440		0.000	5,440	8
9	Customer Charge	680	10.00	6,800		0.000	6,800	9
10	Energy: On-Peak	316,000	0.15356	48,525		0.000	48,525	10
11	Energy: Off-Peak	1,074,000	0.06945	74,589		0.000	74,589	11
12								12
13	Subtotal						135,354	13
14								14
15	TOTAL AGRICULTURAL						13,784,859	15

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- REVENUE AT ADOPTED RATES

LINE NO.	DESCRIPTION	# LAMPS (A)	WATTS (B)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFPD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	LS-1, Mercury Vapor, Class A								1
2		7,858	175	7,000	\$10.24	\$80,430	0.059%	\$80,478	2
3		123	250	10,000	\$13.56	\$1,668	0.059%	\$1,669	3
4		2,074	400	20,000	\$18.60	\$38,584	0.059%	\$38,607	4
5		56	700	35,000	\$35.67	\$1,998	0.059%	\$1,999	5
6	LS-1, Mercury Vapor, Class C, 1-Lamp								6
7		448	175	7,000	\$18.88	\$8,459	0.059%	\$8,464	7
8		1	250	10,000	\$25.07	\$25	0.059%	\$25	8
9		314	400	20,000	\$30.11	\$9,456	0.059%	\$9,461	9
10	LS-1, Mercury Vapor, Class C, 2-Lamp								10
11		34	175	7,000	\$28.85	\$981	0.059%	\$982	11
12		1	400	20,000	\$49.31	\$49	0.059%	\$49	12
13	LS-1, HPSV, Class A								13
14		19,280	70	5,800	\$6.65	\$128,117	0.059%	\$128,192	14
15		146,977	100	9,500	\$7.71	\$1,133,168	0.059%	\$1,133,837	15
16		5,593	150	16,000	\$9.16	\$51,215	0.059%	\$51,245	16
17		146	200	22,000	\$11.02	\$1,610	0.059%	\$1,611	17
18		19,269	250	30,000	\$13.90	\$267,924	0.059%	\$268,082	18
19		168	400	50,000	\$17.45	\$2,931	0.059%	\$2,933	19
20		1	1000	140,000	\$36.43	\$36	0.059%	\$36	20
21	LS-1, HPSV, Class B, 1-Lamp								21
22		7,656	70	5,800	\$7.33	\$56,116	0.059%	\$56,149	22
23		17,969	100	9,500	\$8.39	\$150,838	0.059%	\$150,927	23
24		1,995	150	16,000	\$9.84	\$19,637	0.059%	\$19,648	24
25		527	200	22,000	\$11.90	\$6,273	0.059%	\$6,276	25
26		4,192	250	30,000	\$14.79	\$61,994	0.059%	\$62,030	26
27		90	400	50,000	\$18.42	\$1,658	0.059%	\$1,659	27
28		1	1000	140,000	\$37.48	\$37	0.059%	\$38	28
29	LS-1, HPSV, Class B, 2-Lamp								29
30		179	70	5,800	\$12.78	\$2,287	0.059%	\$2,289	30
31		1,121	100	9,500	\$14.91	\$16,712	0.059%	\$16,722	31
32		1,199	150	16,000	\$17.80	\$21,347	0.059%	\$21,360	32
33		1	200	22,000	\$21.79	\$22	0.059%	\$22	33
34		34	250	30,000	\$27.56	\$937	0.059%	\$938	34
35		1	400	50,000	\$34.57	\$35	0.059%	\$35	35
36		1	1000	140,000	\$72.65	\$73	0.059%	\$73	36
37	LS-1, HPSV, Class C, 1-Lamp								37
38		13,877	70	5,800	\$15.29	\$212,142	0.059%	\$212,267	38
39		52,326	100	9,500	\$16.35	\$855,639	0.059%	\$856,144	39
40		4,147	150	16,000	\$17.82	\$73,887	0.059%	\$73,930	40
41		1	200	22,000	\$22.52	\$23	0.059%	\$23	41
42		5,268	250	30,000	\$25.41	\$133,858	0.059%	\$133,937	42
43		1,569	400	50,000	\$30.41	\$47,711	0.059%	\$47,739	43
44		1	1000	140,000	\$50.36	\$50	0.059%	\$50	44

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STREET LIGHT -- REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	DESCRIPTION (B)	WATTS (C)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1		LS-1, HPSV, Class C, 2-Lamp							1
2	448		70	5,800	\$21.66	\$9,703	0.059%	\$9,709	2
3	919		100	9,500	\$23.79	\$21,862	0.059%	\$21,875	3
4	235		150	16,000	\$26.70	\$6,275	0.059%	\$6,278	4
5	1		200	22,000	\$34.13	\$34	0.059%	\$34	5
6	504		250	30,000	\$39.90	\$20,110	0.059%	\$20,122	6
7	1		400	50,000	\$45.90	\$46	0.059%	\$46	7
8	1		1000	140,000	\$85.29	\$85	0.059%	\$85	8
9		LS-1, LPSV, Class A							9
10	1		35	4,800	\$8.07	\$8	0.059%	\$8	10
11	560		55	8,000	\$8.73	\$4,890	0.059%	\$4,893	11
12	370		90	13,500	\$10.80	\$3,997	0.059%	\$3,999	12
13	112		135	22,500	\$13.36	\$1,497	0.059%	\$1,497	13
14	1,928		180	33,000	\$14.53	\$28,005	0.059%	\$28,022	14
15		LS-1, LPSV, Class B, 1-Lamp							15
16	1		35	4,800	\$8.76	\$9	0.059%	\$9	16
17	276		55	8,000	\$9.53	\$2,630	0.059%	\$2,632	17
18	242		90	13,500	\$11.61	\$2,809	0.059%	\$2,810	18
19	241		135	22,500	\$14.36	\$3,460	0.059%	\$3,463	19
20	241		180	33,000	\$15.52	\$3,741	0.059%	\$3,743	20
21		LS-1, LPSV, Class B, 2-Lamp							21
22	1		35	4,800	\$15.64	\$16	0.059%	\$16	22
23	1		55	8,000	\$17.07	\$17	0.059%	\$17	23
24	1		90	13,500	\$21.22	\$21	0.059%	\$21	24
25	1		135	22,500	\$26.60	\$27	0.059%	\$27	25
26	1		180	33,000	\$28.93	\$29	0.059%	\$29	26
27		LS-1, LPSV, Class C, 1-Lamp							27
28	1		35	4,800	\$16.72	\$17	0.059%	\$17	28
29	359		55	8,000	\$17.49	\$6,279	0.059%	\$6,283	29
30	280		90	13,500	\$19.58	\$5,483	0.059%	\$5,486	30
31	247		135	22,500	\$24.98	\$6,171	0.059%	\$6,174	31
32	269		180	33,000	\$26.15	\$7,034	0.059%	\$7,038	32
33		LS-1, LPSV, Class C, 2-Lamp							33
34	1		35	4,800	\$24.52	\$25	0.059%	\$25	34
35	1		55	8,000	\$25.96	\$26	0.059%	\$26	35
36	1		90	13,500	\$30.12	\$30	0.059%	\$30	36
37	1		135	22,500	\$38.94	\$39	0.059%	\$39	37
38	1		180	33,000	\$41.27	\$41	0.059%	\$41	38

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	WATTS (B)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1	LS-1, Facilities and Rates, Class A							1
2	12			\$4.78	\$57	0.059%	\$57	2
3								3
4	9,264	30-foot		\$2.39	\$22,178	0.059%	\$22,192	4
5	1,680	35-foot		\$2.69	\$4,521	0.059%	\$4,523	5
6								6
7	3,139	175		(\$0.98)	(\$3,066)	0.059%	(\$3,068)	7
8	11	250		(\$0.38)	(\$4)	0.059%	(\$4)	8
9	Subtotal Revenue LS-1				\$3,546,028		\$3,548,120	9
10								10
11								11
12	LS-2, Mercury Vapor, Rate A							12
13	22,621	175	7,000	\$5.46	\$123,605	0.673%	\$124,437	13
14	471	250	10,000	\$7.60	\$3,579	0.673%	\$3,603	14
15	11,546	400	20,000	\$11.97	\$138,196	0.673%	\$139,126	15
16	482	700	35,000	\$20.30	\$9,782	0.673%	\$9,848	16
17	45	1000	55,000	\$28.67	\$1,290	0.673%	\$1,299	17
18	LS-2, Mercury Vapor, Rate B, Energy & Limited Maintenance							18
19	6,401	175	7,000	\$6.07	\$38,837	0.673%	\$39,098	19
20	22	250	10,000	\$8.20	\$180	0.673%	\$182	20
21	1,623	400	20,000	\$12.58	\$20,442	0.673%	\$20,580	21
22	LS-2, Mercury Vapor, Surcharge for series service							22
23	804	175	7,000	\$0.40	\$321	0.673%	\$324	23
24	1	250	10,000	\$0.50	\$1	0.673%	\$1	24
25	3,900	400	20,000	\$0.72	\$2,821	0.673%	\$2,840	25
26	312	700	35,000	\$1.32	\$413	0.673%	\$416	26
27	LS-2, HPSV, Rate A							27
28	1,334	50	3,300	\$1.51	\$2,013	0.673%	\$2,027	28
29	46,452	70	5,800	\$2.63	\$122,076	0.673%	\$122,898	29
30	85,808	100	9,500	\$3.67	\$314,813	0.673%	\$316,932	30
31	23,697	150	16,000	\$5.02	\$119,003	0.673%	\$119,803	31
32	26,622	200	22,000	\$6.40	\$170,405	0.673%	\$171,551	32
33	48,010	250	30,000	\$8.14	\$391,004	0.673%	\$393,636	33
34	3,441	310	37,000	\$9.97	\$34,292	0.673%	\$34,522	34
35	3,654	400	50,000	\$12.39	\$45,257	0.673%	\$45,561	35
36	1	1000	140,000	\$28.67	\$29	0.673%	\$29	36

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

## STREET LIGHT -- REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	DESCRIPTION WATTS (B)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.	
1		LS-2, HPSV, Rate B, Energy & Limited Maintenance						1	
2	1	50	3,300	\$2.19	\$2	0.673%	\$2	2	
3	796	70	5,800	\$3.30	\$2,629	0.673%	\$2,647	3	
4	1,087	100	9,500	\$4.34	\$4,721	0.673%	\$4,753	4	
5	2,376	150	16,000	\$5.72	\$13,586	0.673%	\$13,678	5	
6	1	200	22,000	\$7.09	\$7	0.673%	\$7	6	
7	572	250	30,000	\$8.84	\$5,054	0.673%	\$5,088	7	
8	1	310	37,000	\$10.67	\$11	0.673%	\$11	8	
9	1	400	50,000	\$13.09	\$13	0.673%	\$13	9	
10	1	1000	140,000	\$29.53	\$30	0.673%	\$30	10	
11		LS-2, HPSV, Reduction for 120-volt Reactor Ballast						11	
12	20,782	70	5,800	(\$0.40)	(\$8,329)	0.673%	(\$8,385)	12	
13	18,888	100	9,500	(\$0.53)	(\$10,093)	0.673%	(\$10,161)	13	
14	8,048	150	16,000	(\$0.49)	(\$3,942)	0.673%	(\$3,969)	14	
15		LS-2, HPSV, Surcharge for Series Service						15	
16	1	50	3,300	\$0.45	\$0	0.673%	\$0	16	
17	1	70	5,800	(\$0.22)	(\$0)	0.673%	(\$0)	17	
18	336	100	9,500	(\$0.23)	(\$77)	0.673%	(\$77)	18	
19	156	150	16,000	\$0.02	\$3	0.673%	\$3	19	
20	132	200	22,000	\$0.48	\$63	0.673%	\$63	20	
21		LS-2, LPSV, Rate A						21	
22	22,183	35	4,800	\$1.69	\$37,546	0.673%	\$37,799	22	
23	259,621	55	8,000	\$2.22	\$577,153	0.673%	\$581,037	23	
24	70,832	90	13,500	\$3.66	\$259,457	0.673%	\$261,203	24	
25	57,796	135	22,500	\$5.20	\$300,769	0.673%	\$302,793	25	
26	16,680	180	33,000	\$5.94	\$99,022	0.673%	\$99,689	26	
27		LS-2, LPSV, Surcharge for series service						27	
28	15,108	35	4,800	(\$0.23)	(\$3,451)	0.673%	(\$3,474)	28	
29	13,788	55	8,000	(\$0.13)	(\$1,837)	0.673%	(\$1,850)	29	
30	1,596	90	13,500	\$0.45	\$714	0.673%	\$719	30	
31	16,572	135	22,500	\$0.80	\$13,249	0.673%	\$13,338	31	
32	120	180	33,000	\$0.51	\$62	0.673%	\$62	32	
33		LS-2, Incandescent Lamps, Rate A, Energy Only						33	
34	493		1,000	\$1.84	\$909	0.673%	\$915	34	
35	22		2,500	\$4.09	\$90	0.673%	\$91	35	
36	1		4,000	\$6.16	\$6	0.673%	\$6	36	
37	168		6,000	\$9.04	\$1,519	0.673%	\$1,530	37	
38	34		10,000	\$15.36	\$522	0.673%	\$526	38	
39		LS-2, Incdant Lamps, Rate B, Energy and Limited Maintenance						39	
40	1		4,000	\$8.12	\$8	0.673%	\$8	40	
41	67		6,000	\$11.05	\$741	0.673%	\$746	41	
42								42	
43		Subtotal Revenue LS-2				\$2,828,516	0.673%	\$2,847,552	43
44								44	

SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

STREET LIGHT -- REVENUE AT ADOPTED RATES

LINE NO.	# LAMPS (A)	DESCRIPTION WATTS (B)	LUMENS (C)	ADOPTED RATE (\$/Lamp) (D)	SUB-TOTAL REVENUE (\$) (E)	SDFFD FACTOR (%) (F)	TOTAL REVENUE (\$) (G)	LINE NO.
1								1
2		LS-3						2
3	5,479,000	Energy Charge		\$0.07921	\$433,971	1.165%	\$439,026	3
4	1	Minimum Charge		\$5.81	\$6	1.165%	\$6	4
5								5
6		Subtotal Revenue LS-3			\$433,976	1.1650%	\$439,032	6
7								7
8								8
9		OL-1, Mercury Vapor, Rate A, St Light Luminaire						9
10	1	175	7,000	\$10.09	\$10	0.689%	\$10	10
11	1	400	20,000	\$20.45	\$20	0.689%	\$21	11
12		OL-1, HPSV, Rate A, Street Light Luminaire						12
13	54,926	100	9,500	\$8.50	\$466,790	0.689%	\$470,006	13
14	3,531	150	16,000	\$9.96	\$35,164	0.689%	\$35,406	14
15	31,386	250	30,000	\$15.20	\$476,937	0.689%	\$480,223	15
16	1,569	400	50,000	\$18.47	\$28,974	0.689%	\$29,174	16
17	1	1000	140,000	\$38.11	\$38	0.689%	\$38	17
18		OL-1, HPSV, Rate B, Directional Luminaire						18
19	1,681	250	30,000	\$17.88	\$30,059	0.689%	\$30,266	19
20	560	400	50,000	\$22.10	\$12,376	0.689%	\$12,461	20
21	168	1000	140,000	\$39.01	\$6,553	0.689%	\$6,598	21
22		OL-1, LPSV, Rate A, Street Light Luminaire						22
23	0	55	8,000	\$8.84	\$0	0.689%	\$0	23
24	0	90	13,000	\$10.94	\$0	0.689%	\$0	24
25	0	135	22,500	\$13.53	\$0	0.689%	\$0	25
26	0	180	33,000	\$14.71	\$0	0.689%	\$0	26
27		OL-1, Pole						27
28	14,040	30 ft wood pole		\$3.16	\$44,358	0.689%	\$44,664	28
29	18,000	35 ft wood pole		\$3.55	\$63,892	0.689%	\$64,332	29
30								30
31		SUBTOTAL REVENUE OL-1			\$1,165,171	0.689%	\$1,173,199	31
32								32
33								33
34		DWL, Facilities Charges						34
35	8,500,000	% of Util Invt.		\$0.0186	\$158,100	0.465%	\$158,835	35
36		DWL, Energy and Lamp Maintenance Charge						36
37	13,732	50 Watt HPSV		\$3.2698	\$44,901	0.465%	\$45,110	37
38	1	DWL, Min. Charge		\$151.46	\$151	0.465%	\$152	38
39								39
40		SUBTOTAL REVENUE DWL			\$203,152	0.465%	\$204,097	40
41								41
42		TOTAL STREET LIGHT REVENUES			\$8,176,844		\$8,212,000	42

APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - GAS DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

SUMMARY OF CHANGES IN BASE RATE REVENUE  
(\$000)

LINE NO.	TRANSMISSION	PRESENT REVENUE (A)	REVENUE CHANGES (B)	ADOPTED REVENUE (C)	LINE NO.
1					1
2					2
3	BASE RATE REVENUES:				3
4					4
5	Base Revenues	\$143,209	\$14,339	\$157,548	5
6	Miscellaneous Revenues	\$3,152	\$0	\$3,152	6
7		-----	-----	-----	7
8	Authorized Margin Costs	\$146,361	\$14,339	\$160,700	8
9	Demand Side Management (DSM) Reward	\$1,582	\$377	\$1,959	9
10		-----	-----	-----	10
11	Subtotal - SDG&E Margin Costs	\$147,943	\$14,716	\$162,659	11
12	Less Sales Adjustment	\$2,651	(\$2,651)	\$0	12
13		-----	-----	-----	13
14	Subtotal - SDG&E Margin Cost Recovery	\$150,594	\$12,065	\$162,659	14
15					15
16	OTHER SDG&E:				16
17					17
18	Balancing Account Amortizations	(\$29,154)	\$0	(\$29,154)	18
19	Low Income Rate Assistance (LIRA) Costs	\$898	(\$97)	\$801	19
20	Other Transmission Costs	\$6,967	\$0	\$6,967	20
21		-----	-----	-----	21
22	Subtotal - SDG&E Other Transmission	(\$21,289)	(\$97)	(\$21,386)	22
23					23
24	TOTAL SDG&E BASE RATE REVENUES (Transmission)	\$129,305	\$11,968	\$141,273	24
			[a]		

Notes:

[a] Corresponding rate adjustments to be implemented in SDG&E's BCAP proceeding (A.91-03-039).

SAN DIEGO GAS AND ELECTRIC COMPANY - STEAM DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

SUMMARY OF CHANGES IN BASE RATE REVENUE  
(\$000)

LINE NO.		PRESENT REVENUE (A)	REVENUE CHANGES (B)	ADOPTED REVENUE (C)	LINE NO.
1					1
2					2
3	BASE RATE REVENUES:				3
4	Authorized Margin (1/1/91)	\$1,568	\$0	\$1,568	4
5	Modified Attrition	0	58	58	5
6		-----	-----	-----	6
7	Authorized Margin	1,568	58	1,626	7
8					8
9	Sales Adjustment	(143)	143	0	9
10		-----	-----	-----	10
11					11
12	Subtotal Base Rate Revenue	\$1,425	\$201	\$1,626	12
13					13
14	SRAM:				14
15	Balancing	(351)	0	(351)	15
16		-----	-----	-----	16
17					17
18	TOTAL BASE RATE REVENUE	1,074	201	1,275	18
19					19
20	ECAC:				20
21	Offset	433	0	433	21
22	Balancing	(20)	0	(20)	22
23		-----	-----	-----	23
24					24
25	TOTAL FOR STEAM DEPARTMENT	\$1,487	\$201	\$1,688	25



APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - STEAM DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

SUMMARY OF PRESENT AND ADOPTED REVENUE  
AND AVERAGE RATES BY SCHEDULE

LINE NO.	DESCRIPTION	SALES (MLBS) (A)	PRESENT RATES		ADOPTED RATES		INCREASE		LINE NO.
			REVENUE (\$) (B)	AVG. RATE (\$/MLB) (C)	REVENUE (\$) (D)	AVG. RATE (\$/MLB) (E)	(\$) (F)	(%) (G)	
1									1
2	SCHEDULE 1	35,327	1,153,070	32.640	1,309,074	37.056	156,004	13.5%	2
3									3
4	SCHEDULE 2	10,135	333,430	32.899	378,632	37.359	45,202	13.6%	4
5									5
6									6
7	TOTAL	45,462	1,486,500	32.698	1,687,706	37.123	201,206	13.5%	7

SAN DIEGO GAS AND ELECTRIC COMPANY - STEAM DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

PRESENT & ADOPTED RATES					MODIFIED ATTRITION CHANGE		LINE NO.
LINE NO.	DESCRIPTION	UNITS	PRESENT RATE	ADOPTED RATE	AMOUNT	%	
1	SCHEDULE 1						1
2	Customer Charge	\$/Mo	30.00	30.00	0.000	0.00	2
3	Commodity Rate	\$/Mlb	32.538	36.954	4.416	13.57	3
4							4
5							5
6	SCHEDULE 2						6
7	Customer Charge	\$/Mo	30.30	30.30	0.000	0.00	7
8	Commodity Rate	\$/Mlb	32.863	37.323	4.460	13.57	8

SAN DIEGO GAS AND ELECTRIC COMPANY - STEAM DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

REVENUE AT PRESENT RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	PRESENT RATE (\$/UNIT) (C)	REVENUE (\$) (D)	TOTAL REVENUE (\$) (E)	LINE NO.
1						1
2	SCHEDULE 1					2
3	Customer Charge	120	30.00	3,600	3,600	3
4	Commodity Rate	35,327	32.538	1,149,470	1,149,470	4
5						5
6						6
7	Subtotal				1,153,070	7
8						8
9						9
10	SCHEDULE 2					10
11	Customer Charge	12	30.30	364	364	11
12	Commodity Rate	10,135	32.863	333,067	333,067	12
13						13
14	Subtotal				333,430	14
15						15
16	TOTAL PRESENT STEAM REVENUE				1,486,500	16

APPENDIX B  
SAN DIEGO GAS AND ELECTRIC COMPANY - STEAM DEPARTMENT  
Forecast Period: January 1, 1992 through December 31, 1992

REVENUE AT ADOPTED RATES

LINE NO.	DESCRIPTION (A)	BILLING UNITS (B)	ADOPTED RATE (\$/UNIT) (C)	REVENUE (\$) (D)	TOTAL REVENUE (\$) (E)	LINE NO.
1						1
2	SCHEDULE 1					2
3	Customer Charge	120	30.00	3,600	3,600	3
4	Commodity Rate	35,327	36.954	1,305,474	1,305,474	4
5						5
6						6
7	Subtotal				1,309,074	7
8						8
9						9
10	SCHEDULE 2					10
11	Customer Charge	12	30.30	364	364	11
12	Commodity Rate	10,135	37.323	378,269	378,269	12
13						13
14	Subtotal				378,632	14
15						15
16	TOTAL ADOPTED STEAM REVENUE				1,687,706	16

[END OF APPENDIX B]

APPENDIX C  
Page 1

SUMMARY OF SDG&E'S DSM PROGRAM EXPENDITURES Requested by ALJ Lee in A.91-03-001				
	Program Year			1992
	1989	1990	1991	
(NOMINAL DOLLARS IN MILLIONS)				
<b>DSM Program Expense</b>				
Authorized Program Expense Authority	\$13.5 D.88-09-063	\$35.6 [1]	\$36.1 [2]	\$44.8 million
Expense Found Reasonable Commission Decision	\$13.5 D.88-09-063	\$35.6 [1]	\$36.1 [2]	
Amount collected in Rates During period mo/yr - mo/yr	\$13.5 1/89 - 12/89	\$19.9 [3] 1/90 - 12/90	\$13.3 [4] 1/91 - 6/91	
Amount to be Refunded to Ratepayers During period mo/yr - mo/yr	\$0 ----	\$0 ----	TBD ---- [5]	
<b>DSM Reward/Penalty</b>				
Reward/Penalty requested Under 1989 GRC Proceeding where requested	\$5.5 AL799-E & AL730-G	\$14.2 A.91-03-001	TBD 1993 GRC	
Approved/Stipulated amount Commission Decision/Application	\$5.5 R.E-3209 & R.G-2936	\$7.15 [6] A.91-03-001	TBD [7] 1993 GRC	
Amount collected in Rates During period mo/yr - mo/yr	\$5.5 1/91 - 12/91	TBD 1/92 - 12/92	TBD 1/93 - 12/93	
Reward/Penalty requested Under Collaborative Process Proceeding where requested	N/A ----	\$2.1 A.91-03-001	TBD [8] TBD	
Approved/Stipulated Reward/Penalty Commission Decision/Application	N/A	\$2.1 [6] A.91-03-001	TBD [9] TBD	
Reward/Penalty recovered in Rates During period mo/yr - mo/yr	N/A ----	TBD 1/92 - 12/94	TBD 1/93 - 12/95	
Reward/Penalty requested under Modified Att. Filing Proceeding where requested	----	----	----	
Approved/Stipulated Rew/Pen	----	----	----	
Rew/Pen recovered in Rates				Cost of Capital proceed or annual DSM proceeding per OIR/OII 91-08-003  \$9 million A.91-03-001  TBD 1/93-12/95

## SUMMARY OF SDG&amp;E'S DSM PROGRAM EXPENDITURES

Requested by ALJ Lee in A.91-03-001

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## Footnotes:

[1]    \$14.1    D.88-09-063    GRC plus Attrition  
       \$21.5    D.90-08-068    Collaborative  
       \$35.6

[2]    \$14.6    D.88-09-063    GRC plus Attrition  
       \$21.5    D.90-08-068    Collaborative  
       \$36.1

[3]    \$14.1    GRC Programs  
       \$5.3    Collaborative Programs  
       \$19.4

Collaborative expenses are covered by balancing accounts.  
\$5.3 Million is amount spent in 1990 and charged to the  
balancing accounts.

[4]    \$7.3    GRC Programs (1/2 Year)  
       \$6.0    Collaborative Programs  
       \$13.3

\$6 Million for Collaborative programs is amount spent through  
June 30, 1991 and charged to balancing accounts.

[5]    Unspent 1991 GRC funds for programs will be refunded in 1993 rates.  
       Unspent Collaborative funds will be returned through balancing accounts.

[6]    Per Settlement Agreement.

[7]    Per Settlement Agreement \$7.15 Million is the maximum that can be earned.

[8]    SDG&E will propose this to be included in 1993 GRC.

[9]    Per D.90-08-068, \$5 Million is the maximum that can be earned.

(END OF APPENDIX C)