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COUNTIES POWER LIMITED

INFORMATION FOR DISCLOSURE

PURSUANT TO THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999 AND THE ELECTRICITY (INFORMATION DISCLOSURE) AMENDMENT REGULATIONS 2000 AND 2001

COUNTIES POWER LIMITED – LINE BUSINESS ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999

Counties Power Limited's electricity business for the year ended 31 March 2002 consisted of line business activities, electrical contracting and other business activities. To provide the best service to customers these activities were undertaken as a single operation. Accordingly statutory financial reporting and management reporting do not distinguish between line business and other activities. For the purposes of these financial statements the reporting entity has been established using the prescribed allocation methodology to provide accounting separation.

Note that the accompanying Statement of Accounting Policies and Notes form part of and are to be read in conjunction with these Financial Statements. The Financial Statements have been prepared solely for the purpose of complying with regulations 6 (2) and 6 (3) of the Electricity (Information Disclosure) Regulations 1999 and are not intended for any other purpose.

CERTIFICATION OF FINANCIAL STATEMENTS, PERFORMANCE MEASURES, AND STATISTICS DISCLOSED BY LINE OWNERS OTHER THAN TRANSPOWER

We, Neil Simmonds and Paul Muir, principals of Counties Power Limited certify that, having made all reasonable enquiry, to the best of our knowledge, -

- a) The attached audited financial statements of Counties Power Limited Line Business prepared for the purposes of regulation 6 of the Electricity (Information Disclosure) Regulations 1999, comply with the requirements of those regulations; and
- b) The attached information, being the derivation table, financial performance measures, efficiency performance measures, energy delivery efficiency performance measures, statistics, and reliability performance measures in relation to Counties Power Limited's Line Business, and having been prepared for the purposes of regulations 15, 16, 21 and 22 of the Electricity (Information Disclosure) Regulations 1999, comply with the requirements of those regulations.

The valuations on which those financial performance measures are based are as at 31 March 2001.

N. Simmonds

Chief Executive Officer

P. G. Muir Chairman

2 August 2002



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Report of the Audit Office

To the readers of the financial statements of Counties Power Limited Line Business for the year ended 31 March 2002.

We have audited the accompanying financial statements of Counties Power Limited Line Business. The financial statements provide information about the past financial performance of Counties Power Limited Line Business and its financial position as at 31 March 2002. This information is stated in accordance with the accounting policies set out in the Statement of Accounting Policies.

Directors' responsibilities

The Electricity (Information Disclosure) Regulations 1999 require the Directors to prepare financial statements which give a true and fair view of the financial position of Counties Power Limited Line Business as at 31 March 2002, and results of operations and cash flows for the year ended on that date.

Auditors' responsibilities

Section 15 of the Public Audit Act 2001 and Regulation 31 of the Electricity (Information Disclosure) Regulations 1999 require the Auditor-General to audit the financial statements. It is the responsibility of the Auditor-General to express an independent opinion on the financial statements and report that opinion to you.

The Auditor-General has appointed A S Wotton of PricewaterhouseCoopers to undertake the audit.

Basis of opinion

An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial statements. It also includes assessing:

- the significant estimates and judgements made by the Directors in the preparation of the financial statements; and
- whether the accounting policies are appropriate to Counties Power Limited Line Business circumstances, consistently applied and adequately disclosed.

PRICEWATERHOUSE COPERS @

We conducted our audit in accordance with generally accepted auditing standards published by the Auditor-General, which incorporate the Auditing Standards issued by the Institute of Chartered Accountants of New Zealand. We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to obtain reasonable assurance that the financial statements are free from material misstatements, whether caused by fraud or error. In forming our opinion, we also evaluated the overall adequacy of the presentation of information in the financial statements.

Other than in our capacity as auditor acting on behalf of the Auditor-General, we have no relationship with or interests in Counties Power Limited Line Business

Unqualified opinion

We have obtained all the information and explanations we have required.

In our opinion:

- proper accounting records have been maintained by Counties Power Limited Line Business as far as appears from our examination of those records; and
- the financial statements of Counties Power Limited Line Business:
 - a) comply with generally accepted accounting practice in New Zealand; and
 - b) give a true and fair view of Counties Power Limited Line Business financial position as at 31 March 2002 and the results of its operations and cash flows for the year ended on that date; and
 - c) comply with the Electricity (Information Disclosure) Regulations 1999.

Our audit was completed on 2 August 2002 and our unqualified opinion is expressed as at that date.

A S Wotton

PricewaterhouseCoopers

Chartered Accountants

On behalf of the Controller and Auditor-General

Wellington, New Zealand

Counties Power Limited – Line Business STATEMENT OF FINANCIAL PERFORMANCE For the Year ended 31 March 2002

| | Notes | 31 March 2002 \$000 | 31 March 2001 \$000 |
|---|------------|-----------------------------------|---------------------------|
| TOTAL OPERATING REVENUE | (2) | 25,741 | 25,364 |
| TOTAL OPERATING EXPENDITURE | (3) | (20,936) | (20,257) |
| OPERATING SURPLUS BEFORE INTEREST AND INCOME TAX | | 4,805 | 5,107 |
| INTEREST EXPENSE | (3) | (414) | (406) |
| OPERATING SURPLUS BEFORE INCOME TAX | | 4,391 | 4,701 |
| INCOME TAX CREDIT/(CHARGE) | (4) | 1,589 | (936) |
| NET SURPLUS AFTER TAX | | 5,980 | 3,765 |
| STATEMENT OF MOVEMENTS IN EQUI For the Year Ended 31 March 2001 | TY | 31 March 2002 \$000 | 31 March 2001 \$000 |
| EQUITY AT BEGINNING OF YEAR | | 75,065 | 38,438 |
| Revaluation of Fixed Assets Increase in Revaluation Reserve Net Profit for Year Total Recognised Revenues and Expenses Dividend | (6) (6) | 7,251 5,980 13,231 (750) | 32,862 3,765 36,627 |
| EQUITY AT END OF YEAR | | 87,546 | 75,065 |

Counties Power Limited – Line Business STATEMENT OF FINANCIAL POSITION As at 31 March 2002

| | Notes | 31 March 2002 \$000 | 31 March 2001 \$000 |
|------------------------------------|--------|---------------------------|---------------------------|
| CURRENT ASSETS | | | |
| Cash and bank balances | | 9 | * |
| Short-term investments | | · · | |
| Inventories | | - | - 1 |
| Accounts receivable | (7) | 3,168 | 3,913 |
| Other current assets | | | |
| TOTAL CURRENT ASSETS | | 3,168 | 3,913 |
| FIXED ASSETS | (10) | 94,126 | 90,222 |
| OTHER TANGIBLE ASSETS | | 12 | 0 |
| TOTAL TANGIBLE ASSETS | | 97,294 | 94,135 |
| INTANGIBLE ASSETS | | | |
| Goodwill | | - | 5 5 2 |
| Other Intangibles | | | |
| TOTAL INTANGIBLE ASSETS | | - | • |
| TOTAL ASSETS | | 97,294 | 94,135 |
| CURRENT LIABILITIES | | | |
| Bank Overdraft | | 7 | |
| Borrowings | (8) | 7,262 | 6,287 |
| Payables and accruals | (9) | 2,486 | 3,134 |
| Provision for dividend payable | | - | - |
| Provision for income tax | | 5 + 5 | - |
| Other current liabilities | | 0.740 | 0.421 |
| TOTAL CURRENT LIABILITIES | | 9,748 | 9,421 |
| NON-CURRENT LIABILITIES | | | |
| Payables and accruals | 924 | - | |
| Borrowings | (8) | 1.5 | 0.640 |
| Deferred taxation | (4) | - | 9,649 |
| Other non-current assets | | | 0.640 |
| TOTAL NON-CURRENT LIABILITIES | | | 9,649 |
| SHAREHOLDERS' EQUITY | , as 1 | 100.011 | 20.211 |
| Share capital | (5) | 29,311 | 29,311 |
| Retained earnings | | 18,122 | 12,142 |
| Dividend proposed | 10 | 40.112 | 750 32,862 |
| Asset revaluation reserve | (6) | 40,113 | |
| TOTAL SHAREHOLDERS' EQUITY | | 87,546 | 75,065 |
| MINORITY INTERESTS IN SUBSIDIARIES | | | - |
| CAPITAL NOTES | | 67.0 | 170 |
| TOTAL CAPITAL FUNDS | | 87,546 | 75,065 |
| TOTAL EQUITY AND LIABILITIES | | 97,294 | 94,135 |

Counties Power Limited – Line Business STATEMENT OF CASH FLOWS For the Year Ended 31 March 2002

| | Notes | 31 March 2002 \$000 | 31 March 2001 \$000 |
|---|-------|---------------------------|---------------------------|
| CASHFLOW FROM OPERATING ACTIVITIES | | 3000 | 0000 |
| Cash was provided from: | | | |
| Receipts from customers Interest from cash management | | 25,424 | 25,152 |
| merest nom cash management | | 25,424 | 25,152 |
| Cash was applied to: | | | |
| Payments to suppliers and employees | | (10,161) | (9,548) |
| Discounts credited | | (7,240) | (7,157) |
| Income tax paid | | (463) | (1,436) |
| Interest Paid | | (414) | (406) |
| Net GST paid | | (18,336) | (1,021) |
| | | (18,550)_ | (19,500) |
| Net Cashflows from operating activities | 11 | 7,088 | 5,584 |
| CASHFLOW FROM INVESTING ACTIVITIES | | | |
| Cash was provided from: | | | |
| Proceeds from sale of plant & property | | 210 | 24 |
| Transfer of fixed assets to other business | | | 826 |
| | | 210_ | 850 |
| Cash was applied to: | | | |
| Purchase and construction of fixed assets | | (7,523) | (7,810) |
| | | (7,523)_ | (7,810) |
| Net cash (used)/generated by investing activities | | (7,313) | (6,960) |
| CASH FLOWS FROM FINANCING ACTIVITIES | | | |
| Cash was provided from: | | | |
| Loan drawdowns | | 975 | 1,376 |
| | | 975 | 1,376 |
| Cash was applied to: | | | |
| Term Loan repayments | | (750) | • |
| Dividend Paid | | (750) | <u>-</u> |
| | | (750) | |
| Net cash (used)/generated by financing activities | | 225 | 1,376 |
| Net increase/(decrease) in cash held | | ¥ | V. |
| Add opening cash/(borrowings) brought forward | | | |
| Ending cash carried forward | | | - |
| | | | |

Counties Power Limited – Line Business STATEMENT OF ACCOUNTING POLICIES For the Year Ended 31 March 2002

1. STATEMENT OF ACCOUNTING POLICIES

STATUTORY BASE

These financial statements are presented in accordance with Regulation 6 of the Electricity (Information Disclosure) Regulations 1999.

REPORTING ENTITY

Counties Power's electricity business for the year ended 31 March 2002 consisted of line business activities, electrical construction, garage workshop services and other related activities. To provide the best service to customers these activities were undertaken as a single operation. Accordingly statutory financial reporting and management reporting do not distinguish between line business and other business activities. For the purposes of these financial statements the reporting entity has been established using the prescribed allocation methodology to provide accounting separation.

MEASUREMENT BASE

The financial statements have been prepared on the historic cost basis, as modified by the revaluation of certain assets as identified in specific accounting policies below.

ACCOUNTING POLICIES

The financial statements are prepared in accordance with New Zealand generally accepted accounting practice. The accounting policies that materially affect the measurement of financial performance, financial position and cash flows are set out below.

Sales

Sales comprise the amounts received and receivable for goods and services supplied to customers in the ordinary course of business.

Line revenue is charged to customers based mainly upon the volume of energy transmitted through lines. The volume of energy upon which invoicing is based, is advised to the Company by Electricity Retailers. This information is in turn based upon a combination of actual meter reads and assessments.

Investment Income

Interest and rental income are accounted for as earned.

Goods and Services Tax (GST)

The statement of financial performance and statement of cash flows have been prepared so that all components are stated exclusive of GST. All items in the statement of financial position are stated net of GST, with the exception of receivables and payables, which include GST invoiced.

Accounts Receivable

Accounts receivable are stated at expected net realisable value after providing against debts where collection is doubtful.

Employee Entitlements

Employee entitlements to salaries and wages, annual leave, long service leave and other benefits are recognised when they accrue to employees.

Fixed Assets

Initial Recording

The cost of purchased fixed assets is the value of the consideration given to acquire the assets and the value of other directly attributable costs which have been incurred in bringing the assets to the location and condition necessary for their intended service.

The cost of self-constructed assets includes the cost of all materials used in construction, direct labour and an appropriate proportion of variable and fixed overheads. Costs cease to be capitalised as soon as the asset is ready for productive use and do not include any inefficiency costs.

Valuation

Distribution system assets, excluding meters and relays, are revalued at intervals of three years to Depreciated Replacement Cost. The last revaluation was undertaken as at 31 March 2001 by Meritec Limited, Valuers.

Impairment

Annually, the Directors assess the carrying value of major assets. Where the estimated recoverable amount of the asset is less than its carrying amount, the asset is written down. The impairment, if any, is recognised in the statement of financial performance.

Depreciation

Fixed assets have been depreciated, so as to write off cost less estimated residual value over their estimated useful lives, on the following basis:

Distribution System 1.4% to 2.2% (45 to 70 years) straight line

(SL) for lines, cables & zone substations 2.2% to 2.9% (35 to 45 years) SL for switchgear, distribution transformers, distribution substations, service connection equipment and most other distribution equipment other than voltage regulators (which are depreciated at 1.8%, 55 years SL)

Buildings 2% SL for majority of buildings

(some at 1% SL)

Plant & Equipment 40% DV for computer hardware and

software

20% and 25% DV for other items

Motor Vehicles 20% and 25% DV for majority of vehicles

Estimated useful lives of Distribution System fixed assets were reviewed in conjunction with their revaluation to Optimised Deprival Value on 31 March 2001. As a consequence estimated useful lives have been revised from 1 April 2001 and now correspond to those specified in the fourth edition of the Handbook for Optimised Deprival Valuation of System Fixed Assets of Electricity Line Businesses issued by the Chief Executive of the Ministry of Economic Development in October 2000.

Taxation

The tax expense recognised for the year is based on the accounting surplus, adjusted for permanent differences between accounting and tax rules, and timing differences between accounting and tax rules that are not expected to crystallise in future periods. This is the partial basis for the calculation of deferred tax under the liability method.

A deferred tax asset, or the effect of losses carried forward that exceed the deferred tax liability, is recognised in the financial statements only where there is virtual certainty that the benefit of the timing differences, or losses, will be utilised.

Statement of Cash Flows

The following are the definitions of the terms used in the statement of cash flows:

 a) Cash is considered to be cash on hand, current accounts in banks net of bank overdrafts and short term deposits with banks.

- b) Investing activities are those activities relating to the acquisition, holding and disposal of fixed assets and investments. Investments can include securities not falling within the definition of cash.
- c) Financing activities are those activities that result in changes in the size and composition of the capital structure. Dividends paid in relation to the capital structure are included in financing activities.
- d) Operating activities include all transactions and other events that are not investing or financing activities.

Financial Instruments

Counties Power Limited had no financial instruments with off-balance sheet risk during or at the end of the year (2001 Nil).

CHANGES IN ACCOUNTING POLICY

The Line Business has changed the method of accounting for deferred taxation from the comprehensive method to the partial method as it is considered unlikely that the majority of timing differences will reverse in future, and accordingly an income tax liability is not expected to crystallise. The effect of this change is a write back to the taxation expense of \$2,398,000 for deferred taxation liability provided in previous years, and reversal of a deferred taxation liability of \$7,251,000 relating to the revaluation of fixed assets at 31 March 2001.

There have been no other changes in accounting policies.

Counties Power Limited – Line Business NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS For the Year Ended 31 March 2002

2. REVENUE

| 2. REVENUE | | |
|---|--------|--------|
| | 2002 | 2001 |
| | \$000 | \$000 |
| Revenue from line/access charges | 23,406 | 22,708 |
| Revenue from "Other" Business for services carried out by the | 77.8 | |
| line business | - | - |
| Interest on cash, bank balances and short-term investments | - | - |
| AC loss-rental rebates | 1,364 | 971 |
| Other operating revenue | 971 | 1,685 |
| Total Operating Revenue | 25,741 | 25,364 |
| 3. OPERATING EXPENDITURE | | |
| | 2002 | 2001 |
| | \$000 | \$000 |
| Transmission charges | 4,885 | 4,550 |
| Transfer payments to the "Other" business for - | | |
| Asset maintenance | 1,482 | 1,531 |
| Consumer disconnection/reconnection services | - | |
| Meter data | - | - |
| Consumer based load control services | - | - |
| Royalty and patent expenses | 2 | 20 |
| Avoided transmission charges on account of own generation | - | - |
| Other goods and services provided by "Other" business | | |
| Total transfer payment to the "Other" business | 1,482 | 1,531 |
| Expense to entities that are not related parties for - | | |
| Asset maintenance | 491 | 580 |
| Consumer disconnection/reconnection services | 69 | _ |
| Meter data | | 7.0 |
| Consumer based load control services | ~ | +1 |
| Royalty and patent expenses | | |
| Total of specified expenses to non-related parties | 560_ | 580 |
| Employee salaries, wages and redundancies | 1,462 | 1,393 |
| Consumer billing and information system expense | ā | 5. |
| Depreciation on - | | |
| System fixed assets | 2,844 | 2,604 |
| Other assets not listed | 703 | 453 |
| Total depreciation | 3,547 | 3,057 |

| Amortisation of - | | |
|--|--------|----------|
| Goodwill | - | 2 |
| Other intangibles | | |
| Total amortisation of intangibles | | <u>-</u> |
| Corporate and administration | 393 | 319 |
| Human resource expenses | 98 | 229 |
| Marketing/advertising | 178 | 150 |
| Merger and acquisition expenses | 77.0 | - |
| Takeover defence expenses | (*) | |
| Research and development expenses | - | 2 |
| Consultancy and legal expenses | 200 | 360 |
| Donations | - | |
| Directors' fees | 100 | 114 |
| Auditors' fees - | | |
| Audit fees paid to principal auditors | 26 | 29 |
| Audit fees paid to other auditors | - | - |
| Fees paid for other services provided by the principal & other | 72.5 | |
| auditors | 40_ | 43_ |
| Total auditors' fees | 66 | 72 |
| Cost of offering credit - | | |
| Bad debts written off | 47 | 13 |
| Increase in estimated doubtful debts | | |
| Total cost of offering credit | 47_ | 13 |
| Local authority rates expense | 18 | 17 |
| AC loss-rental rebates (distribution to retailers/customers) | | |
| expense | 7.252 | 7 200 |
| Customer discounts | 7,353 | 7,299 |
| Subvention payments | 7 | |
| Unusual expenses | 11 | 10 |
| Loss on disposal of fixed assets | 149 | 10 |
| (Gain) on disposal of fixed assets | 387 | 563 |
| Other expenditure not listed | 387 | 303 |
| Total Operating Expenditure | 20,936 | 20,257 |
| Interest Expense: | | |
| Interest expense on borrowings | 414 | 406 |
| Financing charges related to finance leases | - | - 7 |
| Other interest expense | | |
| Total Interest Expense | 414 | 406 |

4. TAXATION

| | 2002 \$000 | 2001 \$000 |
|---|---------------|---------------|
| Accounting profit before taxation | 4,391 | 4,701 |
| Prima facie taxation @ 33% | 1,449 | 1,551 |
| Plus/(less) taxation effect of: | | |
| Over/(Under)estimation in prior year | 9 | (340) |
| Non deductible expenses | 4 | 37 |
| Other items treated as permanent differences | (653) | (312) |
| Reversal of prior year deferred tax liability | (2,398) | |
| Income Tax Charge/(Credit) to Net Operating Surplus | (1,589) | 936 |

The deferred taxation adjustment arises from the change in accounting policy referred to in Note 1.

The taxation charge is represented by:

| Current Taxation | 809 | 539 |
|--|---------|-------|
| Deferred Taxation | (2,398) | 397 |
| | (1,589) | 936 |
| Deferred taxation is represented by: | | |
| Deferred taxation 1 April 2001 | 9,649 | 2,001 |
| Current charge/(credit) | (2,398) | 397 |
| Effect of revaluation of assets | | 7,251 |
| Reversal of deferred tax effect of revaluation | (7,251) | - |
| Deferred taxation liability 31 March 2002 | - | 9,649 |

The Line Business has a potential deferred tax liability net of future tax benefits of \$11,052,000 (2001 Nil). This liability is not expected to crystallise and has therefore not been recognised in the financial statements, in accordance with the business's accounting policy.

Imputation credit account:

| Balance as at 1 April 2001 | 2,285 | 433 |
|--|-------|-------|
| Income tax payments made during the period: | | |
| Line Business | 463 | 1,436 |
| Other Business | 337 | 416 |
| Imputation credits attached to dividends paid to shareholders: | | |
| Line Business | (369) | - |
| Other Business | (123) | |
| Balance as at 31 March 2002 | 2,593 | 2,285 |

Imputation credits are recorded for both the Line and Other Businesses, as the two businesses operate as a single legal and tax entity. As a consequence all imputation credits are available for utilisation by either or both businesses.

5. SHARE CAPITAL

| | 2002 \$000 | 2001 \$000 |
|--|---------------|---------------|
| Issued and Paid In Capital: 15,000,000 Ordinary Shares | 29,311 | 29,311 |
| 6. ASSET REVALUATION RESERVE | | |
| | 2002 \$000 | 2001 \$000 |
| BALANCE AT BEGINNING OF YEAR | 32,862 | - |
| Revaluation | | 40,113 |
| Deferred tax effect of revaluation Reversal of deferred tax effect of revaluation | 7,251 | (7,251) |
| BALANCE AT END OF YEAR | 40,113 | 32,862 |
| 7. ACCOUNTS RECEIVABLE | | |
| | 2002 \$000 | 2001 \$000 |
| Trade Debtors | 2,451 | 2,362 |
| Prepayments | 179 | 100 |
| Other Debtors | _ | 567 |
| Tax Refund Due | 538 | 884 |
| | 3,168 | 3,913 |
| 8. BORROWINGS | | |
| CVIDDENT | 2002 \$000 | 2001 \$000 |
| CURRENT Bank Overdraft | | |
| Loan from Other Business | 7,262 | 6,287 |
| Term Loan – Current Portion | - | - |
| | 7,262 | 6,287 |
| NON-CURRENT | | |
| Term Loan | 1 | 2 |
| | 7,262 | 6,287 |

There were no loans owing externally at year-end (2001 Nil), however a standby facility was in place. There was no security held over the assets of the company (2001 Nil), although a negative pledge agreement exists.

Interest has been charged in respect of the loan provided by the Other Business at the rate of 6.0%.

9. PAYABLES AND ACCRUALS

| | 2002 | 2001 |
|------------------|-------|-------|
| | \$000 | \$000 |
| Accounts Payable | 2,295 | 2,828 |
| Other Accruals | 67 | 180 |
| Accrued Payroll | 124 | 126 |
| | 2,486 | 3,134 |

10. FIXED ASSETS

| | Cost/Valuation \$000 | Accumulated Depreciation \$000 2002 | Net Book Value \$000 |
|--|---|--|----------------------------|
| System fixed assets: | | | |
| At cost | 8,599 | 97 | 8,502 |
| At valuation | 83,967 | 2,748 | 81,219 |
| Capital works under construction | 228 | - | 228 |
| Motor vehicles | 450 | 268 | 182 |
| Consumer billing & information systems | 601 | 568 | 33 |
| Office equipment | 4,073 | 2,692 | 1,381 |
| Land | 895 | - | 895 |
| Buildings | 2,410 | 724 | 1,686 |
| Other fixed assets | - · · · · · · · · · · · · · · · · · · · | - | - |
| | 101,223 | 7,097 | 94,126 |
| | | 2001 | |
| System fixed assets at valuation | 83,967 | - | 83,967 |
| Capital works under construction | 1,945 | - | 1,945 |
| Motor vehicles | 548 | 294 | 254 |
| Consumer billing & information systems | 568 | 489 | 79 |
| Office equipment | 3,795 | 2,452 | 1,343 |
| Land | 895 | | 895 |
| Buildings | 2,411 | 672 | 1,739 |
| Other fixed assets | _ | - | · · |
| | 94,129 | 3,907 | 90,222 |

The major property holding of the Line business comprised the depot complex at Glasgow Road and Nelson Street, Pukekohe. This property was valued as at 1 September 2000 by Value and Management Services Limited as part of a General Revaluation by the Franklin District Council. This valuation amounted to \$1,975,000. The accounting book value in the Financial Statements in respect of this property as at 31 March 2002 was \$1,775,000 (2001 \$1,857,000).

Other properties with a total accounting book value amounting to \$806,000 (2001 \$777,000) were not included in the above valuation.

11. RECONCILIATION OF NET PROFIT AFTER TAXATION WITH CASH INFLOW FROM OPERATING ACTIVITIES

| | 2002 \$000 | 2001 \$000 |
|---|---------------|---------------|
| Reported surplus after taxation | 5,980 | 3,765 |
| Add non-cash items: | | |
| Depreciation | 3,547 | 3,057 |
| Movement in deferred tax | (2,398) | 397 |
| | 1,149 | 3,454 |
| Add item classified as investing activity | | 5000 |
| Net (gain)/loss on disposal of fixed assets | (138) | 15 |
| | (138) | 15 |
| Movement in working capital: | | |
| (Decrease)/Increase in accounts payable | (648) | 26 |
| (Decrease)/Increase in taxation payable | - | (13) |
| (Increase)/Decrease in taxation receivable | 346 | (884) |
| (Increase)/Decrease in accounts receivable | 399 | (779) |
| | 97 | (1,650) |
| Net cash inflow/(outflow) from operating activities | 7,088 | 5,584 |

12. OPERATING LEASE COMMITMENT

Counties Power Limited Line Business had no operating lease commitments (2001 Nil).

13. CAPITAL COMMITMENTS AND CONTINGENT LIABILITIES

Counties Power Limited Line Business had commitments for future capital expenditure at 31 March 2002 totalling \$117,000 (2001: \$761,000).

There were no material contingent liabilities at 31 March 2002.

14. FINANCIAL INSTRUMENTS

- (A) Nature of activities and management policies with respect to financial instruments.
 - (i) The company incurs credit risk from transactions with trade debtors and financial institutions in the normal course of business. At balance date the company had a significant concentration of credit risk relating to the amount receivable from Electricity Retailers. The company has a programme to manage this risk concentration, including adhering to specific credit policy requirements, insurance arrangements and having the contractual ability to require security to be provided by these customers under certain circumstances.

The maximum estimated credit exposure in respect of trade debts is:

- Total asset class \$2.5 million (2001 \$2.2 million)
- Debts subject to significant debt concentration risk \$1.7 million (2001 \$1.6 million)

The company does not generally require collateral or security to support financial instruments other than as outlined above, due to the quality of the financial institutions dealt with.

(ii) The company does not generally undertake any transactions denominated in foreign currencies apart from the purchase of distribution system equipment and does not hold any long term borrowings.

(B) Fair Values

Cash and Liquid Deposits, Short and Long Term Loans, Accounts Payable and Receivable.

The carrying value of these items is equivalent to their fair value.

15. RELATED PARTY TRANSACTIONS

- (a) The Line business enters into transactions with the "Other" Business. The relationship is managed on an arms length basis, with significant contracts generally awarded by the Line business on a competitive tendering basis.
- (b) & (c)
 The services provided by the "Other" Business generally include normal electrical construction, maintenance and fault response services related to the Line business electrical network.
- (d) Services provided were in the following categories and at total prices as indicated in \$000:

| | 2002 | 2001 |
|---|-------|-------|
| | \$000 | \$000 |
| Construction of subtransmission assets | 15 | 32 |
| Construction of zone substations | - | - |
| Construction of distribution lines and cables | 843 | 688 |
| Construction of medium voltage switch gear | - | |
| Construction of distribution transformers | 355 | 210 |
| Construction of distribution substations | 142 | 67 |
| Construction of low voltage reticulation | 211 | 172 |
| Construction of other system fixed assets | 9 | 26 |
| Maintenance of assets | 1,492 | 1,531 |

- (e) Services were provided throughout the financial year.
- (f) There were no outstanding trade balances owing at year-end for services performed by the Other business for the Line business, as payment is effected by way of accounting entry at the end of each month. Loan funding was provided by the Other business to the Line Business, as disclosed in Note 8. As the Line and Other Businesses operate as a single legal entity no formal loan documentation is prepared in respect of loans between them. The loan has been treated in the Line Business financial statements as being on-call.
- (g) No debts arising from related party transactions have been written off or forgiven during the year.
- (h) No transactions were undertaken at a nil or nominal value, other than minor items as would occur in a normal arms length relationship.

Counties Power Line Business paid \$15,000 (2001 \$10,000) in valuation and consultancy fees to Meritec Limited, a subsidiary of Meritec Group Limited. Mr. J.W. Wilson, a Director of Counties Power Limited, is also a Director of Meritec Group Limited. A balance of \$4,000 (2001 \$7,000) was outstanding at balance date. These transactions were undertaken on normal commercial terms and Mr. Wilson was not involved in them.

16. ODV VALUATION

The ODV valuation of Counties Power Limited Line Business Distribution System assets was calculated at \$83,966,707 at 31 March 2001 by Meritec Limited.



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AUDITOR-GENERAL'S OPINION ON THE PERFORMANCE MEASURES OF COUNTIES POWER LIMITED LINE BUSINESS.

We have examined the information on the attached pages being -

- (a) the derivation table in regulation 16; and
- (b) the annual ODV reconciliation report in regulation 16A; and
- (c) the time-weighted averages calculations in regulation 33
- (d) the financial performance measures in clause 1 of Part 3 of Schedule 1; and
- (e) the financial components of the efficiency performance measures in clause 2 of Part 3 of Schedule 1, -

that were prepared by Counties Power Limited Line Business and dated 31 March 2002 for the purposes of regulation 15 of the Electricity (Information Disclosure) Regulations 1999.

In our opinion, having made all reasonable enquiry, to the best of our knowledge, that information has been prepared in accordance with the Electricity (Information Disclosure) Regulations 1999.

A S Wotton

PricewaterhouseCoopers
On behalf of the Controller and Auditor-General

Wellington, New Zealand 2 August 2002

Counties Power Limited – Line Business
Derivation Table of Financial Performance Measures from Financial Statements
Pursuant to Regulation 16 of the Electricity (Information Disclosure) Regulations 1999 Schedule 1 Part 7
For the Year Ended 31 March 2002

| For the Year Ended 31 March 2002 | The Section of the Control of the Co | Secretary and | _ | | _ | | | |
|--|--|-------------------|------------------|-------------------------------------|--------------------|-----------------------|----------------------------|----------------------|
| Derivation Table | Input and Calculations | Symbol in formula | - | ROF | | ROE | | ROI |
| Operating surplus before interest and income tax from | 4000 | | 12-12- | - 00110 | | | X | |
| financial statements Operating surplus before interest and income tax adjusted pursuant to regulation 18 (OSBIT) | 4,805 4,805 | | | | | | | |
| Interest on cash, bank balances, and short-term | | | l | | | | | |
| investments (ISTI) OSBIIT minus ISTI | 0 | 22 | l | 4 806 | | | | 4.00 |
| Net surplus after tax from financial statements | 4,805 5,980 | | l | 4,805 | | | | 4,80 |
| Net surplus after tax adjusted pursuant to regulation 18 | 5,980 | | l | - 1 | | 5,980 | | |
| (NSAT) | | | l | | | 0.00000 | E 50 | |
| Amortisation of goodwill and amortisation of other intangibles | 0 | g | add | 0 | add | 0 | add | |
| Subvention payment | 0 | | add | 0 | add | 0 | add | |
| Depreciation of SFA at BV (x) | 2,844 | | 1000 | | | - 1 | | |
| Depreciation of SFA at ODV (y) | 2,844 | | | | .44 | | add | |
| ODV depreciation adjustment Subvention payment tax adjustment | 0 | d s*t | add | 9 | add deduct | ő | deduct | |
| Interest tax shield | 137 | q | l | 7 | - Country | | deduct | - 13 |
| Revaluations | 0 | r | l | - 9 | | | add | |
| Income tax charge/(credit) | (1,589) | р | l | 4.005 | | F 000 | deduct | (1,589 |
| Numerator | | | OSBII | 4,805 T ^{ADJ} = a+g+s+d | NSAT ^{AB} | 5,980 n+g+s-s*t+d | OSBIIT ^{ADI} = ar | 6,25' g-q+r+s+d-p |
| Fixed assets at end of previous financial year (FA ₈) | 90,222 | | | | | | | |
| Fixed assets at end of current financial year (FA ₁) | 94,126 | | l | 1 | | | 18 | |
| Adjusted net working capital at end of previous financial year (ANWC _e) | 779 | | l | 3 | | | 16 | |
| Adjusted net working capital at end of current financial | 3.79 | | l | | | | | |
| year (ANWC ₁) | 682 | 5 88 | l | 012222 | | | | 00.00 |
| Average total funds employed (ATFE) | 92,905 (or regulation 33 time- | c | | 92,905 | | | | 92,90 |
| Total equity at end of previous financial year (TE ₀) | weighted average) 75,065 | | l | - 1 | | | | |
| Total equity at end of current financial year (TE ₁) | 87,456 | | l | - 5 | | | | |
| Average total equity | 81,261 | k | l | | | 81,261 | | |
| p-000Abs-0-00Ab | (or regulation 33 time- weighted average) | | l | 11 | | | | |
| WUC at end of previous financial year (WUC ₀) | 1,945 | | l | | | 1 | | |
| WUC at end of current financial year (WUC ₁) | 228 | | | | -53 | 11 | 2003 | |
| Average total works under construction | 1,087 | e | deduct | 1,087 | Deduct | 1,087 | deduct | 1,08 |
| | (or regulation 33 time- weighted average) | | l | 7 | | | | |
| Revaluations | Ó | | l | | | | 197000-0 | |
| Half of revaluations | 0 | R/2 | l | 1 | | | deduct | |
| Intangible assets at end of previous financial year (IA ₀) Intangible assets at end of current financial year (IA ₁) | 0 | | l | - 0 | | | | |
| Average total intangible asset | ő | m | l | | add | 0 | | |
| | (or regulation 33 time- | | l | - 1 | | | | |
| Subvention payment at end of previous financial year (S ₀) | weighted average) | | l | - 3 | | - 3 | | |
| Subvention payment at end of current financial year (S ₁) | 0 | | l | - 4 | | | | |
| Subvention payment tax adjustment at end of previous | 1 | | l | | | | | |
| financial year | .0 | | l | | | | | |
| Subvention payment tax adjustment at end of current financial year | 0 | | l | | | | | |
| Average subvention payment & related tax adjustment | 0 | y | l | | add | 0 | | |
| System fixed assets at end of previous financial year at | | 5 50 1 | l | | 2000 | - 6 | | |
| book value (SFA _{be0}) System fixed assets at end of current financial year at | 83,967 | | l | | | | 1 | |
| book value (SFA _{ini}) | 89,721 | | l | 7 | | | | |
| Average value of system fixed assets at book value | 86,844 | f | deduct | 86,844 | deduct | 86,844 | deduct | 86,84 |
| 2.20 | (or regulation 33 time- weighted average) | | l | | | | | |
| System Fixed assets at year beginning at ODV value | weighted average) | | l | | | | | |
| (SFA _{solut}) | 83,967 | | l | 1 | | H | | |
| System Fixed assets at end of current financial year at | 3003404 | | l | - 1 | | | E | |
| ODV value (SFA _{solvt}) Average value of system fixed assets at ODV value | 89,721 86,844 | h | add | 86,844 | add | 86,844 | add | 86,84 |
| Archage value of system total assets at ODY value | (or regulation 33 time- | | 400 | 00/044 | 300 | 00/044 | and . | 99907 |
| 68 85 85 | weighted average) | | | 23,022,03 | | 220333 | | 2000 |
| Denominator | 45547574575757575 | | | 91,818 | | 80,174 | d .ume | 91,81 |
| | | | ATF | EADJ = c-e-f+h | Ave TE | ADJ = k-e-m+v- f+h | ATFEAD | I = c-e-½r-f+ |
| Financial Performance Measure: | | | | 5.2 | | 7.5 | | 6.5 |
| | | | 85,580,000 | ROF = | 1 1900/02/A RG | ROE - | Thromosopeana | ROI |
| | | | after street and | | | ATEADU x 100 | OSBITT ^{ADO} /A | |

t = maximum statutory income tax rate applying to corporate entities bv = book value ave = average odv = optimised deprival valuation subscript '0' = end of the previous financial year subscript '1' = end of the current financial year ROF = return on funds ROE = return on equity ROI = return on investment

\$000

Counties Power Limited – Line Business 1 April 2001 to 31 March 2002

1. Financial Performance Measures

| | | 2002 | 2001 | 2000 | 1999 |
|-----|---|------|------|------|------|
| (a) | Return on funds, being operating surplus before interest and income tax (as adjusted), divided by average total funds employed (as adjusted). | 5.2% | 6.2% | 9.4% | 7.3% |
| (b) | Return on equity, being net surplus after tax (as adjusted), divided by average total equity (as | 7.5% | 5.4% | 6.5% | 6.1% |
| (c) | adjusted) Return on investment | 6.8% | 4.8% | 6.2% | 5.9% |

2002 Return on Equity and Return on Investment measures increased as a result of a one time tax credit being recorded. This was caused by changing from the comprehensive to the partial method of accounting for income tax. Refer to the Statement of Accounting Policies for further details.

2. Efficiency Performance Measures

| L | niciency Performance Measures | 2002 | 2001 | 2000 | 1999 |
|-----|--|-------|-------|---------|-------|
| (a) | Direct line costs per kilometre | \$926 | \$947 | \$1,249 | \$934 |
| (b) | Indirect line cost per consumer (excluding customer discounts as an indirect cost) | \$68 | \$72 | \$79 | \$83 |
| (c) | Indirect line cost per consumer (including customer discounts as an indirect cost) | \$306 | \$313 | \$156 | \$165 |

From 31 March 1999 financial and efficiency performance measures have been prepared in accordance with the requirements of the Electricity (Information Disclosure) Regulations 1999. These regulations were amended effective 31 March 2000. Figures for previous years were prepared in accordance with the requirements of the Electricity (Information Disclosure) Regulations 1994. The methods of calculation specified in the 1994, 1999 and amended 1999 regulations are not identical, and consequently figures using the different methodologies are not directly comparable.

Indirect line cost per consumer has been calculated using estimated average consumer numbers. The methodology used to calculate this estimate is publicly available.

3. Annual Valuation Reconciliation Report - Year Ending 31 March 2002

| | \$000 |
|---|---------|
| System fixed assets at ODV - end of the previous financial year | 83,967 |
| Add system fixed assets acquired during the year at ODV | 8,598 |
| Less system fixed assets disposed of during the year at ODV | - |
| Less depreciation on system fixed assets at ODV | (2,844) |
| Add revaluations of system fixed assets | |
| Equals system fixed assets at ODV - end of the financial year | 89,721 |
| | |

| | | 2002 | 2001 | 2000 | 1999 |
|-----|--|-------------|-------------|-------------|-------------|
| (a) | Load Factor (= [a/bc]*100/1) where - | 55.62% | 60.06% | 60.26% | 58.75% |
| | a = Kwh of electricity entering system during the financial year | 418,091,000 | 409,297,000 | 397,735,000 | 382,604,000 |
| | b = Maximum Demand | 85,808 | 77,800 | 75,146 | 74,338 |
| | c = Total number of hours in financial year | 8,760 | 8,760 | 8,784 | 8,760 |

| | | 2002 | 2001 | 2000 | 1999 |
|-----|--|-------------|-------------|-------------|-------------|
| (b) | Loss Ratio (= a/b*100/1) where - | 7.19% | 7.38% | 7.67% | 7.50% |
| | a = losses in electricity in kWh | 30,062,000 | 30,196,000 | 30,521,000 | 28,664,000 |
| | b = Kwh of electricity entering system during the financial year | 418,091,000 | 409,297,000 | 397,735,000 | 382,604,000 |

| | | 2002 | 2001 | 2000 | 1999 |
|-----|--|---------|---------|---------|---------|
| (c) | Capacity Utilisation (= a/b*100/1) where - | 36.09% | 33.83% | 32.53% | 34.10% |
| | a = Maximum Demand | 85,808 | 77,800 | 75,146 | 74,338 |
| | b = Transformer Capacity | 237,730 | 229,975 | 231,026 | 217,981 |

| | Statistics | Nominal Voltage | 2002 | 2001 | 2000 | 1999 |
|-----|--|--------------------|-------------|-------------|-------------|-------------|
| (a) | System Length (Total) (kms) | | | | | |
| (-) | -,, | 110kV | 17.00 | 17.00 | 0 | 0 |
| | | 66kV | 0 | 0 | 0 | 0 |
| | | 50kV | 0 | 0 | 0 | 0 |
| | | 33kV | 151.24 | 151.00 | 169.41 | 169.00 |
| | | 22kV | 190.57 | 172.00 | 89.70 | 78.00 |
| | | 11kV | 1,618.15 | 1599.00 | 1,722.40 | 1,708.00 |
| | | 6.6kV | 0 | 0 | 0 | (|
| | | 3.3kV | 0 | 0 | 0 | (|
| | | 230/400 V | 1,408.5 | 1,408.00 | 1,158.30 | 1,343.00 |
| | | Other | 0 | 0 | 0 | (|
| | | Total | 3,385.46 | 3,347.00 | 3,139.82 | 3,298.00 |
| (b) | Circuit Length (Overhead) (kn | ns) | | | | |
| | , | 110kV | 17.00 | 17.00 | 0 | (|
| | | 66kV | 0 | 0 | 0 | (|
| | | 50kV | 0 | 0 | 0 | (|
| | | 33kV | 150.50 | 151.00 | 169.41 | 169.00 |
| | | 22kV | 140.63 | 126.00 | 88.00 | 77.00 |
| | | 11kV | 1,559.80 | 1,541.00 | 1,631.00 | 1,624.00 |
| | | 6.6kV | 0 | 0 | 0 | (|
| | | 3.3kV | 0 | 0 | 0 | (|
| | | 230/400 V | 1,117.00 | 1,120.00 | 985.60 | 1,185.00 |
| | | Other | 0 | 0 | 0 | (|
| | | Total | 2,984.93 | 2,955.00 | 2,874.01 | 3,055.00 |
| c) | Circuit Length (Underground) | (kms) | | | | |
| | | 110kV | 0 | 0 | 0 | (|
| | | 66kV | 0 | 0 | 0 | (|
| | | 50kV | 0 | 0 | 0 | (|
| | | 33kV | 0.74 | 0 | 0 | (|
| | | 22kV | 49.95 | 46.00 | 1.70 | 1.00 |
| | | 11kV | 58.35 | 58.00 | 91.40 | 84.00 |
| | | 6.6kV | 0 | 0 | 0 | 9 |
| | | 3.3kV | 0 | 0 | 0 | 150.00 |
| | | 230/400 V | 291.50 | 288.00 | 172.70 | 158.00 |
| | | Other Total | 400.54 | 392.00 | 265.80 | 243.00 |
| | | 1 Otal | | | | |
| d) | Transformer Capacity (kVA) | | 237,730 | 229,975 | 231,026 | 217,981 |
| e) | Maximum Demand (kWh) | | 85,808 | 77,800 | 75,146 | 74,338 |
| (f) | Total Electricity Entering the S losses of electricity) in kilowati | | 418,091,000 | 409,297,000 | 397,735,000 | 382,604,000 |

| | Statistics | Name of retailer/ generator | 2002 | 2001 | 2000 | 1999 |
|-----|---|--------------------------------|---------------------------|---------------------------|--------------------------|------------------|
| (g) | Total amount of electricity (in kilowatt hours) supplied from | Retailer A Retailer B | 297,017,000 20,080,000 | 303,914,000 40,130,000 | 321,022,000 9,663,000 | 353,026,000 0 |
| | the system, (after | Retailer C | 0 | 5,700,000 | 2,343,000 | 315,000 |
| | losses of electricity) on | Retailer D | 42,408,000 | 8,826,000 | 25,234,000 | 0 |
| | behalf of each person | Retailer E | 17,118,000 | 14,369,000 | 6,161,000 | 599,000 |
| | [| Retailer F | 0 | 1,513,000 | 774,000 | 0 |
| | that is an electricity | Retailer G | 11,406,000 | 4,162,000 | 2,017,000 | 0 |
| | generator or electricity retailer or both: | Retailer H Other | 0 | 487,000 | 0 | 0 |
| | | TOTAL | 388,029,000 | 379,101,000 | 367,214,000 | 353,940,000 |
| (h) | Total number of consumers | Number | 30,817 | 30,546 | 30,470 | 30,859 |

DISCLOSURE OF RELIABILITY PERFORMANCE MEASURES PURSUANT TO REGULATION 22 OF THE ELECTRICITY (INFORMATION DISCLOSURE) REGULATIONS 1999 SCHEDULE 1 PART 5

| | Interruptions | | Average Interruption Targets | Interruption Targets | | Actual Int | erruptions | |
|------|------------------------------------|-------------|------------------------------------|-------------------------|----------|------------|------------|------|
| | merrupuons | Class | 2003/07 | 2003 | 2002 | 2001 | 2000 | 1999 |
| to 3 | | | | | 110-00-0 | | | |
| | | Class A | | | | 0 | 0 | 0 |
| | Planned Interruptions Unplanned | Class B | | 70 | 72 | 234 | 323 | 196 |
| | Interruptions | Class C | 72 | 105 | 98 | 113 | 86 | 120 |
| | | Class D | | | 0 | 0 | 0 | 0 |
| | | Class E | | | 0 | 0 | 0 | 0 |
| | | Class F | | | 0 | 0 | 0 | 0 |
| | | Class G | | | 0 | 0 | 0 | 0 |
| | | Class H | | | 0 | 0 | 0 | 0 |
| | | Class I | | 120 | 0 | 0 | 0 | 0 |
| | | Total | | _ | 170 | 347 | 409 | 316 |
| | <u> </u> | | | 6500 | 2000 WW | Within 3 | Within 24 | |
| 4 | Proportion of Total Cla where - | ass C Inte | rruptions not | restored: (= a/b* | 100/1) | Hours | Hours | |
| | a = No. of interruption | s not resto | ored within | | | 13 | 0 | |
| | b = Total number of C | lass C into | erruptions | | | 98 | 98 | |
| | Proportion expressed a | | | | | 13.27% | 0.00 | |

| | | Average Faults | Faults | | | | |
|--------------------------------|--------------------|-------------------|----------------|---------------|------------|---------------|------|
| Faults | | Targets | Targets | Ac | tual num | ber of faults | |
| 5 | | 2003/07 | 2003 | 2002 | 2001 | 2000 | 1999 |
| Faults per 100 circuit kilomet | | bed voltage | electric line | | | | |
| Input faults for each | Nominal | | | | | | |
| nominal voltage | Voltage | | | | | | |
| | 110kV | 0 | 0 | 0 | (| | 0 |
| | 66kV | 0 | 0 | 0 | (| | 0 |
| | 50kV | 0 | 0 | 0 | (| | 0 |
| | 33kV | 3 | 4 | 11 | (| | 7 |
| | 22kV | 4 | 5 | 6 | 2 | | 19 |
| | 11kV | 4 | 6 | 5 | 6 | | 7 |
| | 6.6kV | 0 | 0 | 0 | (| | 0 |
| | 3.3kV | 0 | 0 | 0 | 9 | 3 | 0 |
| | 230/400 V | 0 | 0 | 0 | 9 | 3 (7) | 0 |
| | Other | 0 | 0 | 0 | 0 | N 100 | 0 |
| | Other | 0 | 0 | 0 | (| | 0 |
| | Other | 0 | 0 | 0 | | | 0 |
| | Total | 4 | 6 | 6 | (| 4.3 | 6.1 |
| | | | | - | Actual num | ber of faults | |
| 6 | | | | 2002 | 2001 | 2000 | 1999 |
| Faults per 100 circuit kilomet | | round preso | ribed voltage | electric line | 2 | | |
| | Nominal | | | | | | |
| | Voltage | | | | 22 | 242 | |
| | 110kV | | | 0 | 0 | 0 | 0 |
| | 66kV | | | 0 | 0 | 0 | 0 |
| | 50kV | | | 0 | 0 | 0 | 0 |
| | 33kV | | | 0 | 0 | 0 | 0 |
| | 22kV | | | 0 | 0 | 0 | 0 |
| | 11kV | | | 2 | 3 | 4 | 2 |
| | 6.6kV | | | 0 | 0 | 0 | 0 |
| | 3.3kV | | | 0 | 0 | 0 | 0 |
| | 230/400 V | | | 0 | 0 | 0 | 0 |
| | Other | | | 0 | 0 | 0 | 0 |
| | Other | | | 0 | 0 | 0 | 0 |
| | Other | | <u></u> | 0 | 0 | 0 | 0 |
| | Total | | _ | 2 | 3 | 4 | 2 |
| | | | | - | Actual num | ber of faults | |
| 7 | | | | 2002 | 2001 | 2000 | 1999 |
| Faults per 100 circuit kilome | | ad prescribe | d voltage elec | tric line | | | |
| | Nominal | | | | | | |
| | Voltage | | | 0 | 0 | 0 | 0 |
| | 110kV | | | 0 | 0 | 0 | 0 |
| | 66kV | | | 0 | 0 | 0 | 0 |
| | 50kV | | | | | 6 | 7 |
| | 33kV | | | 11 | 6 2 | 6 | 19 |
| | 22kV | | | 2 | 6 | 4 | 6 |
| | 11kV | | | 6 | 0 | 0 | 0 |
| | 6.6kV | | | 0 | 0 | 0 | 0 |
| | 3.3kV | | | 0 | 0 | 0 | 0 |
| | 230/400 V Other | | | 0 | 5300 | 0 | 0 |
| | E 17 (1/4) | | | 0 | 0 | V | |
| | Total | | _ | 6 | 6 | 4.3 | 6.1 |

| SAIDI | Class | Average SAIDI Targets 2003/07 | SAIDI Targets 2003 | 2002 | Actual 2001 | SAIDI 2000 | 1999 |
|---|---------------------|--|--------------------------|----------------|----------------|---------------|-----------|
| SAIDI for total number of | interruptions (= a/ | | 2003 | 61.69 | 132.00 | 124.00 | 225.80 |
| where - | interruptions (u | 0, | | 01102 | 102100 | 121100 | |
| a = sum of interruption dur | ation factors for a | 11 | | | | | |
| interruptions | | | | | | | |
| b = Total consumers | | | | | | | |
| SAIDI Targets (=a/b) | | | | | | | |
| Planned Interruptions | Class B | 8 | 10 | | | | |
| | 61 6 | | | | | | |
| Unplanned Interruptions where- | Class C | 56 | 60 | | | | |
| Planned Interruptions (pi) | Class B | 256,800 | 311,900 | | | | |
| A ^{pi} = sum of interruption d | | | 311,900 | | | | |
| all interruptions | uration factors for | | | | | | |
| Unplanned Interruptions (u | i) Class C | 1,797,600 | 1,871,400 | | | | |
| A ^{ui} = sum of interruption d | | | 1,671,400 | | | | |
| all interruptions | aration factors for | | | | | | |
| b = Projected total | | | | | | | |
| consumers | | 32,100 | 31,190 | | | | |
| | | | - 53 | | | | |
| SAIDI for total number | | ithin each inte | rruption clas | | 100000 | | |
| | Class A | | | 0 | 0 | 0 | (|
| | Class B | | | 13.46 | 54.00 | 57.00 | 71.52 |
| | Class C | | | 48.23 | 78.00 | 67.00 | 154.28 |
| | Class D | | | 0 | 0 | 0 | 0 |
| | Class E | | | 0 | 0 | 0 | 0 |
| | Class F | | | 0 | 0 | 0 | 0 |
| | Class G | | | 0 | 0 | 0 | (|
| | Class H | | | 0 | 0 | 0 | (|
| | Class I | 2000 | - | 0 | 0 | 0 | (|
| | SAIDI for total | of interruption | ns _ | 61.69 | 132.00 | 124.00 | 225.80 |
| where - | S 80 0 80 10 | 550 | | 100 (100 H) | 75.5 12 | | |
| a = sum of interruption dur | ation factors for a | ll interruptions | within the p | particular int | erruption cla | SS | |
| | Class A | | | 0 | 0 | 0 | 0 |
| | Class B | | | 414,797 | 1,649,484 | 1,736,790 | 2,207,036 |
| | Class C | | | 1,486,304 | | 2,041,490 | 4,760,926 |
| | Class D | | | 0 | 0 | 0 | 0 |
| | Class E | | | 0 | 0 | 0 | 0 |
| | Class F | | | 0 | 0 | 0 | 0 |
| | Class G | | | 0 | 0 | 0 | 0 |
| | Class H | | | 0 | 0 | 0 | 0 |
| | | | | 0 | 0 | 0 | 0 |
| | Class I | | | v | | | |

| SAIFI | | Average SAIFI | SAIFI | | | SAIFI | |
|---|--------------|------------------|----------------|----------------|-------------------|--------------|---------|
| | Class | Targets | Targets | | Actual S | | |
| | CILLIS | 2003/07 | 2003 | 2002 | 2001 | 2000 | 1999 |
| SAIFI for total number of | interruption | ons (= a/b) | | 2.20 | 2.64 | 2.43 | 3.65 |
| Where - a = sum of electricity cons | sumers affe | ected by eacl | h of those int | erruptions | | | |
| b = Total consumers | | | | | | | |
| SAIFI Targets (=a/b) | | | | | | | |
| Planned Interruptions | Class B | 0.09 | 0.10 | | | | |
| Unplanned Interruptions Where- | Class C | 2.14 | 2.20 | | | | |
| Planned Interruptions | Class B | 2,889 | 3,119 | | | | |
| a = projected number of e consumers affected by each interruptions | | | | | | | |
| b = Projected total customers 32,100 | | 31,190 | | | | | |
| Unplanned Interruptions a = projected number of e consumers affected by each interruptions | lectricity | 68,694 | 68,618 | | | | |
| b = Projected total custom | ners | 32,100 | 31,190 | | | | |
| CATTAGE AND A CO | | 241.2 | 1.1 | | × | | |
| SAIFI for total number of | 23 | ons within ea | ich interrupti | | | 0 | |
| | Class A | | | 0 | 0 47 | 0 | 0.3 |
| | Class B | | | 0.10 | 0.47 | 0.37 | 3.28 |
| | Class C | | | 2.10 | 2.17 | 2.06 | |
| | Class D | | | 0 | 0 | 0 | (|
| | Class E | | | 0 | 0 | 0 | (|
| | Class F | | | 0 | 0 | 0 | |
| | Class G | | | 0 | 0 | 0 | , |
| | Class H | | | 0 | 0 | 0 | |
| | Class I | total of inte | | 2.20 | 2.64 | 2.43 | 3.65 |
| where - | SAIFTIO | total of lift | Tupuons | 2.20 | 2.04 | 2.43 | 5.0. |
| a = sum of electricity co | nsumers af | fected by ea | ch of those in | nterruptions w | ithin that interr | uption class | |
| ones in consument file in the file of \$100. | Class A | andar rendikter | | 0 | 0 | 0 | (|
| | Class B | | | 3,081 | 14,357 | 11,274 | 11,418 |
| | Class C | | | 64,715 | 66,285 | 62,768 | 101,218 |
| | Class D | | | 0 | 0 | 0 | (|
| | Class E | | | 0 | 0 | 0 | (|
| | Class F | | | 0 | 0 | 0 | (|
| | Class G | | | 0 | 0 | 0 | (|
| | Class H | | | ő | Õ | 0 | (|
| | Class I | | | 3 | 3 | 0 | Ċ |
| b = Total consumers | | | | 30,817 | 30,546 | 30,470 | 30,859 |

| CAIDI | Class | Average CAIDI Targets | CAIDI Targets | | Actual C | AIDI | |
|--------------------|-----------------|-----------------------------|---------------------|----------------|-------------|------|------|
| | | 2003/07 | 2003 | 2002 | 2001 | 2000 | 1999 |
| CAIDI for total n | umber of inte | | | 28 | 50 | 51 | 62 |
| (= a/b) | | | | | | | |
| where - | | | | | | | |
| a = sum | of interruptio | n duration fa | ctors for all int | erruptions | | | |
| 1/2/ | | | | | 110 | | |
| b = su | m of electricit | ty consumers | s affected by ea | ch of those in | terruptions | | |
| CAIDI Targets (= | =a/b) | | | | | | |
| Planned | e e | | | | | | |
| Interruptions | Class B | 89 | 100 | | | | |
| Unplanned | | | | | | | |
| Interruptions | Class C | 26 | 27 | | | | |
| where- | | | | | | | |
| Planned | | | | | | | |
| Interruptions | Class B | | | | | | |
| a = sum of intern | uption | | | | | | |
| duration factors f | or all | | | | | | |
| interruptions | | 256,800 | 311,900 | | | | |
| b = projected nur | | | | | | | |
| electricity consur | | | | | | | |
| by each of those | interruptions | 2,889 | 3,119 | | | | |
| Unplanned | | | | | | | |
| Interruptions | Class C | | | | | | |
| a = sum of intern | | | | | | | |
| duration factors f | or all | | 45 Sharp H variable | | | | |
| interruptions | | 1,797,600 | 1,871,400 | | | | |
| b = projected nur | | | | | | | |
| electricity consur | | | | | | | |
| by each of those | interruptions | 68,694 | 68,618 | | | | |

| CAIDI CAIDI for total n | Class | Average CAIDI Targets | CAIDI Targets | | Actual | CAIDI | 1999 |
|-------------------------|---|-----------------------------|------------------|--------------------------------|--------------------------------------|---------------------------------|------------------------|
| | Class | 2003/07 | 2003 | 2002 | 2001 | 2000 | |
| | umber of inter | | | | | 2000 | .,,, |
| | Class A | | | 0 | 0 | 0 | 0 |
| | Class B | | | 135 | 115 | 154 | 193 |
| | Class C | | | 23 | 36 | 33 | 47 |
| | Class D | | | 0 | 0 | 0 | (|
| | Class E | | | 0 | 0 | 0 | (|
| | Class F | | | 0 | 0 | 0 | C |
| | Class G | | | 0 | 0 | 0 | 0 |
| | Class H | | | 0 | 0 | 0 | 0 |
| | Class I | | | 0 | 0 | 0 | C |
| | CAIDI for | total of inter | ruptions | 28 | 50 | 51 | 62 |
| where - | | | | | | | |
| a = sum of intern | | factors for a | all interruption | ons | | | |
| | Class A | | | 0 | 0 | 0 | C |
| | Class B | | | 414,797 | 1,649,484 | 1,736,790 | 2,207,036 |
| | Class C | | | 1,486,304 | 2,382,588 | 2,041,490 | 4,760,926 |
| | Class D | | | 0 | 0 | 0 | C |
| | Class E | | | 0 | 0 | 0 | 0 |
| | Class F | | | 0 | 0 | 0 | C |
| | Class G | | | 0 | 0 | 0 | 0 |
| | Class H | | | 0 | 0 | 0 | C |
| | Class I | | | 0 | 0 | 0 | C |
| | | | 1 04 | ! | s within that i | nterruption clas | ss |
| b = sum of electr | | rs affected by | each of thos | se interruption | | | |
| b = sum of electr | Class A | rs affected by | each of thos | 0 | 0 | 0 | 0 |
| b = sum of electr | Class A Class B | rs affected by | each of thos | 0 3,081 | 0 14,357 | 11,274 | 11,418 |
| b = sum of electr | Class A Class B Class C | rs affected by | each of thos | 3,081 64,715 | 0 14,357 66,285 | 11,274 62,768 | 101,218 |
| b = sum of electr | Class A Class B Class C Class D | rs affected by | each of thos | 3,081 64,715 0 | 0 14,357 66,285 0 | 11,274 62,768 0 | |
| b = sum of electr | Class A Class B Class C Class D Class E | rs affected by | each of thos | 3,081 64,715 0 | 0 14,357 66,285 0 | 11,274 62,768 0 0 | 101,218 0 |
| b = sum of electr | Class A Class B Class C Class D Class E Class F | rs affected by | each of thos | 3,081 64,715 0 0 | 0 14,357 66,285 0 0 | 11,274 62,768 0 0 | 101,218 0 0 |
| b = sum of electr | Class A Class B Class C Class D Class E Class F Class G | rs affected by | each of thos | 3,081 64,715 0 0 0 | 0 14,357 66,285 0 0 0 | 11,274 62,768 0 0 0 | 101,218 0 0 0 |
| b = sum of electr | Class A Class B Class C Class D Class E Class F | rs affected by | each of thos | 3,081 64,715 0 0 | 0 14,357 66,285 0 0 | 11,274 62,768 0 0 | 101,218 0 0 |

