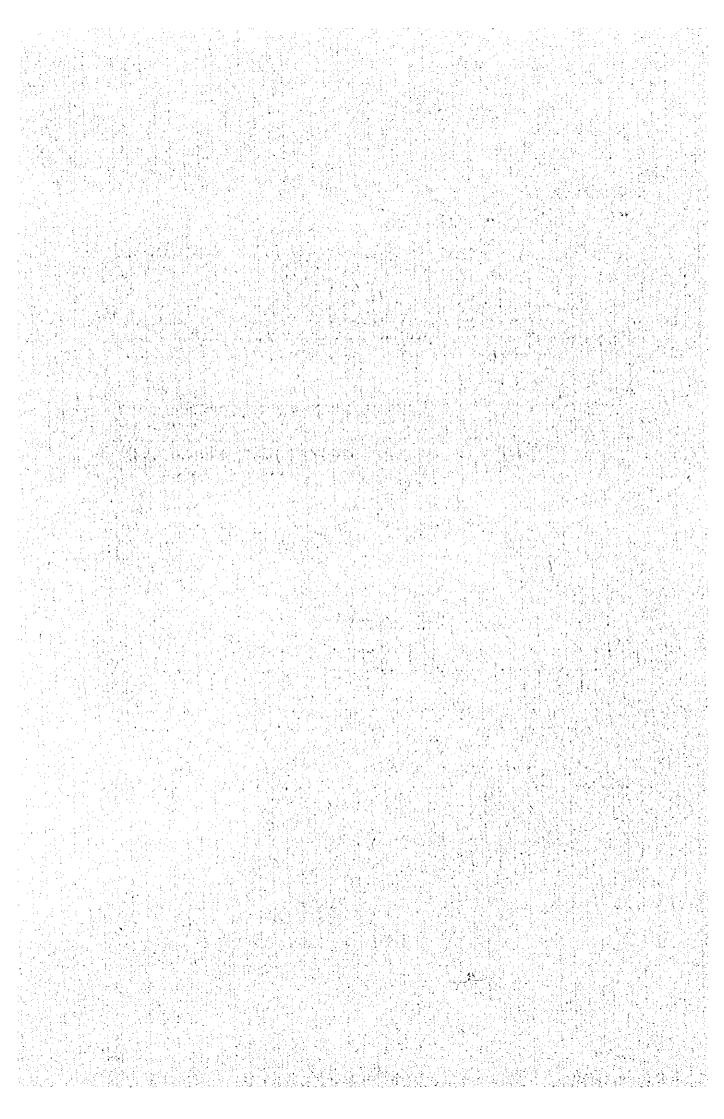
APPENDIX 10 SIMPLIFIED MODEL FOR CASH FLOW ANALYSIS



Appendix 10 Simplified Model for Cash Flow Analysis

A. Aggregation (Bulk + Retail)

Study Area Total

1. Basis of Calculation

| Water Demand: | Stage 1 | Stage 2 | Stage 3 | Total | Remarks |
|----------------|----------|---------|---------|-----------------|---------|
| (mcm/year) | 60.018 | 50.413 | 46.891 | 157.322 | |
| | Bulk Sup | ply | F | Retail Supply | |
| Water Tariff | 1.20 R | /kl | 1.30 R | Vkl | |
| Prod. Cost. | 0.49 R | /kl | 1.0 % | 6 of Capital Co | st |
| Overhead Cost: | 0.04 R | /kl | 15.0 % | of Production | n Cost |

2. Required Capital Cost

(Unit: R Million)

| | | Loan Portion | Grant Portion | Direct Cost | Remarks |
|---------------|---------|--------------|----------------------|-------------|---------|
| Bulk Supply | Stage 1 | 403.7 | 102.6 | 256.6 | |
| | Stage 2 | 284.9 | 49.8 | 181.1 | |
| | Stage 3 | 259.3 | 36.2 | 164.8 | - |
| | Total | 947.9 | 188.6 | 602.5 | |
| Retail Supply | Stage 1 | 410.5 | 230.1 | 260.8 | |
| | Stage 2 | 274.8 | 173.5 | 174.6 | |
| • | Stage 3 | 176.7 | 151.1 | 112.3 | |
| | Total | 862.0 | 554.7 | 547.7 | |

3. Result

Overall Cash Balance

(Unit: R. Million)

| | Stage 1 | Stage 2 | Stage 3 | Total | Remarks |
|--------|---------|---------|---------|-----------|---------|
| Bulk | (616.2) | (376.1) | (298.0) | (1,290.4) | 1 |
| Retail | 159.3 | 351.1 | 718.4 | 1,228.8 | |
| Total | (457.0) | (25.0) | 420.4 | (61.6) | |

Note: Figures in parentheses are negative.

| CONTRACTOR DESCRIPTION | THE RESERVE OF THE PARTY OF THE | | |
|------------------------|--|---|-------|
| Interest Rate: | 10.00 %/\ | vear Recovey R: | 100 % |
| Introductive. | 10.00 101 | , | |

| | -Stage 1 |
|---|----------------------|
| | Bulk Supply) |
| : | Statement (i |
| ٠ | Cash Flow |
| | ë L |

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|------------------|--------------|-------------|-----------------------|--------------|---------------|---------------|---|-------|-------|----------|--------|--------|--------|--------|------------|--------|--------|----------|--------|---|--------|---------|---------|-------|---------|----------|---------|---------|---------|---------|--------|----------------|---------|---------|--------|
| | | | | | | | | | | | | = | | | | | | | | | | | 1 1 2 2 | | | | | 7.5 | , | | • i | | | | |
| | | | | | į | 37KS | | | İ. | | | | | | - | | | | | | | | | | | | | | - | | | ~ | | | |
| % | R Mil | 图 | | | | кетатк | | | | | | | | | | | | | | | | | | | | * | | | | | | | | | |
| 100 | 256.6 | 0 9 | 6 | ve for | Depreciat- | | . . | ٠, | ļ, | • | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | | Ĺ | • | | , T |
| | | | | Reser | Depre | Ç Ç | | | | | | | | | | | | | 1 | | | | | | | 200 | | | | | | | | | |
| erv: | ပ | ë. | ps. | | | 9 |) (X | 101 | (1.2) | 23.3 | 7.9 | (7.4) | (22.7) | (38.0) | (53.3) | (68.6) | (84.0) | (88.3) | 114.6) | 129.9) | 45.2) | (160.5) | 75.8) | 91.2) | (206.5) | (221.8) | (237.1) | (252.4) | (267.7) | (283.1) | (4.86 | (313.7) | (329.0) | (344.3) | (9.69 |
| Recovery | Direct C. | Overhe'd: | Int. Subs | nwno | Cash | MO L | | | | | | | | | |)·· | | - | Ü | ٦ | | | C | 5 | (2) | 3 | [2] | (2) | 8 | 2 | 3 | (S) | ေ | ၉ | ၉ |
| | | | | | | - 7 | 100 | (5.3) | 8.9 | 24.5 | (15.3) | (15.3) | (15.3) | (15.3) | (15.3) | 15.3) | (15.3) | (15.3) | (15.3) | 15.3) | 15.3) | (15.3) | 15.3) | 15.3) | 15.3) | (15.3) | (15.3) | 15.3) | (15.3) | 15.3) | (15.3) | (15.3) | (15.3) | (15.3) | (15.3) |
| 줐 | | 꽃 | 2.5 2.5 2.5 | Net | Cash | Š | *************************************** | | 5. | | | | | |): |); | | | |):::::::::::::::::::::::::::::::::::::: |) | | | |) , |) |) |) |) |) | |) | | |) |
| 1.20 | 102.6 | 0.49 | : : | | | 22.0 | 78.2 | 157.2 | 164.6 | 101.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| | | | Table of the state of | |] | ctal | | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| #: | | ost: | (616.2) | | | ~_ | <u>.</u> . | ۱, | 1. | <u> </u> | 55.5 | 55.5 | 25.5 | 55.5 | 55.5 | 55.5 | 92.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 5.55 | 55.5 | 5.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| W. Tariff: | Grant | Prod. Cost: | 9) | Cash Outflow | Loan | кераушел | | | | | | | | | | | | | | | | : | |) | | j | | 47 | ; | | | 7 | , | 1 | |
| | | | | Cash | | | 2 4 | 53 | 2.7 | 25.9 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 8.1.8 | 31.8 | 31.8 | 60 | 31.8 | 31.3 | 31.8 | 31.8 | 31.8 | 31.8 | 11.8 | 1.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 37.8 |
| mcm/yr | R Mil | % | | | Prod. | Overriead | | | Ĺ | | | | 7.7 | | 3 | | | | | | | | | | | | | | | | | 3 | (,, | | () |
| 60.018 | 403.7 | 10.0 | | | Capital Prod | 20 CT | 75.0 | 513 | 151.9 | 75.9 | ; | · - | | | ~ . | | - | | | - | - | • | • | 7 - C | | | , | - | - | - | _ | ł | - | | |
| ļ | | | | | g G L | Ď | _ | _ | ļ. | ļ | | | - | | - | | | | | | | | | - | | | | | | | | _ | | | |
| Demand: | Loan Am | Loan Int: | | | - | 10 A | 75.9 | 151.9 | 173.5 | 126.4 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| <u>්ධ</u> | <u> 9</u> | <u> </u> 2 | | | ľ | | - | - | 21.6 | 4. | 0 | 0 | 0 | 0. | · 10° | 0. | 0. | 0. | 0 | 0 | 0. | 0. | 0 | 0 | 0. | O. | 0 | 0 | 0 | 0 | 0 | 0. | 0 | 0 | 72.0 |
| Total | | | | wollu | Water | Odic | | | 2 | 50.4 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72 | 72 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| Study Area Total | - | | ۱. | Cash Inflow | | ç | 75.2 | 30.8 | 808 | 15.4 | - | - | • | _ | • | _ | } | | : | | - | - | | | ı | • | | - | | - a a | - | • | _ | | |
| Stud | | . : | • | | Fund Received | Š Š | | | | <u> </u> | | | _ | | · | - | | | | · . | _ | | | Ļ | · | | | | | 1 1 11 | | | | | |
| 39: | Stage: | | : | | Fund | Loan An A | 60.4 | 12/2 | 121.1 | 60.6 | ١, | - | 1 | | 1 | | | | | | | ŧ | - | | i | | 1 | 1 | | | | - | 1 | • | 1 |
| Supply Area: | ั้ | | | | ថ្ង | <u>ن</u> ۲ | L | 1 W | Ľ | 5 | 9 | 7 | 8 | 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19[| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 53 | ဓ |
| Sco | • | | | <u> </u> | Project | ğ u u | | 1 | L | | | | | | <u> </u> | | | <u> </u> | L | | | : | | | ٠. | | | | | | | # 12 2 3 | f . | | |

1.20 R/KI 50.413 mcm/yr 8.2 Cash Flow Statement (Bulk Supply) - Stage 2
Supply Area: Study Area Total Demand: 50

| | 4 | _ | | | | | | | | | | | | | ·т | — T | | | | 7 | _ | | | | ~~~ | | | | | 1 | ~~ | | — T | | | |
|----------------|--------------|-----------|-------------|----------------|-------------------|--------|--------|--|---------------|---------------------------------------|--------|--------|--------|--------|---|--|--|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--|---------|---------|-----------|---------|---------|----------|---|---------|---------|
| R.Mil. R/Kl | | | • | O construction | Reliedins | | | The second of th | | | | | | | | Company of the Compan | A Company of the Comp | | | | | | | | | | Supplement of the second of th | | | | | | | | | |
| 181.1 | | 200 00000 | reserve to | Depreciat- | Lig. | | | | 1.00 mm mm mm | ing the management of the commence of | 9.1 | 9.1 | 9.1 | 9.1 | დ 7- | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | * | • | • | | | 181.1 |
| Direct C. | | | | Cash | | (2.0) | (4.0) | (8.5) | (5.8) | 10.0 | 31.8 | 59.0 | 48.0 | 36.9 | 25.9 | 14.8 | 3.8 | (7.3) | (18.3) | (29.4) | (40.4) | (51.5) | (62.5) | (73.5) | (84.6) | (95.6) | (106.7) | (117.7) | (128.8) | (139.8) | (150.9) | (161.9) | (173.0) | (184.0) | (195.0) | • |
| | | | | | | (2.0) | (2.0) | (4.5) | 2.7 | 15.9 | 21.8 | 27.2 | (11.0) | (11.0) | (11.0) | (11.0) | (11:0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | (11.0) | | (195.0) |
| 49.8 R Mil. | | | 2 | | | 35.5 | 35.5 | 54.7 | 76.4 | 81.3 | 70.7 | 57.7 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | | 2.057.3 |
| Grant: | .i∽ | (1.0.70) | Outflow | | Kepayment lotal | | • | - | | • | | | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 8.44 | 8.44 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 8.44 | 1,030.9 |
| RMil. IG | | | Cash | | | 2.0 | 2.0 | 4.5 | 9.4 | 14.4 | 20.5 | 24.2 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 7.97 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 691.6 |
| 284.9 | 1 | | | Capital | Expense | 33.5 | 33.5 | 50.2 | 6.99 | 6.99 | 50.2 | 33.5 | • | 1 | 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | | | • | - | 1 | | | ï | 1 | | er ver | • | | | | • | 1 | • | • | | 334.7 |
| Loan Am: | Cont. in it. | | | | | 33.5 | 33.5 | 50.2 | 79.0 | 97.2 | 92.6 | 84.9 | 60.5 | 60.5 | 60.5 | 9.09 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | | 1,862.2 |
| • | | | Cash Inflow | Water | Sale | | | The state of the s | 12.1 | 30.2 | 42.3 | 51.4 | 60.5 | 60.5 | 60.5 | 5.09 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 9.09 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 5.09 - | 60.5 | 90.5 | 60.5 | 60.5 | 60.5 | 60.5 | 9 | 1,527.5 |
| 7 | | | Cash | | Grant | 0.5 | 5.0 | 7.5 | 10.0 | 10.0 | 7.5 | 5.0 | | • | * * * · · · · · · · · · · · · · · · · · | • | • | | 1 Table 1 | | | | • | | - | 1 | - | • | *** | • | • | , | | | | 49.8 |
| Stage: | | | | Fund | Loan | 1 28.5 | 2 28.5 | 3 42.7 | 4 57.0 | 5 57.0 | 6 42.7 | 7 28.5 | 8 | - 6 | 0 | 11 | 12 | 13 - | 14 | 15 - | 9 | 17 | 18 | 19 | 20 | 21 | 22 | .23 | 24 | .2 | 28 | 77 | - 80. | 60 | စ္က | 284.9 |
| | | | | Project | Year | | | condition To | | | | | | | 10 | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | 91 | | | | | ,, | | | | | | | | | | Total |

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|------------------|-----------|------------|--|--------------|---------------|----------------|--------|---------------------------|--------|-------|-----------------------------------|--|---------|--|-------|-------|-----------------------|--------|--------|--------|--------|--------|--|---------------------------------------|--|--------|--|--|--------|-----------------------------|--------|---------|--|--|--|--|---------|
| % | R Mil, | R/KI | The second secon | | | Remarks | | | | | and the manufacture of the second | and the second s | | Market Commence of the Commenc | | | | | | | | | A Company of the Association (Association) | | | | A STATE OF THE STA | | | a regional en la company de | | | and the state of t | The second office of the second of the secon | | e takat was ta a a a a a a a a a a | |
| 100 | 164.8 | 0.04 | Company of the contract of the | Reserve for | Depreciat- | ıoı | 1 | The state of the state of | • | | | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | • | • | * | ************************************** | e de made particular de la completa de montre de la completa de montre de la completa del la completa de la completa de la completa de la completa de la completa de la co | 164.8 |
| Recovery: | Direct C. | Overhe'd: | | | Cash | | (1.9) | (3.8) | (7.9) | (3.8) | 8.7 | 28.3 | 21.6 | 14.9. | 8.2 | 1.4 | (5.3) | (12.0) | (18.8) | (25.5) | (32.2) | (39.0) | (45.7) | (52.4) | (59.2) | (65.9) | (72.6) | (79.3) | (86.1) | (92.8) | (99.5) | (106.3) | (113.0) | (119.7) | (126.5) | (133.2) | |
| R/kl | R Mil. | R/Kl | | | Cash | | (1.9) | (1.9) | (4.2) | 4.1 | 12.5 | 19.6 | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (6.7) | (133.2) |
| 1 1 | 1 / 1 | 0.49 | 2.5 | 1 | | - [| 31.4 | 46.2 | 63.3 | 0.69 | 74.8 | 6.99 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 1,863.6 |
| W. Tariff. | Grant: | Prod. Cost | (298.0) | Cash Outflow | 7 | Repayment To | • | | | • • | | • | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 915.5 |
| mcm/yr V | | | | | ပ | rhead | - 1 | | 4.2 | - 1 | | | | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 652.5 |
| 46.891 | 259.3 | 10.0 | | | Capital Pro | Expense | 29.6 | 44.3 | 59.1 | 59.1 | 59.1 | 44.3 | - N - N | • | - | • | | 1 | 1 | | : : | 1 | | · · · · · · · · · · · · · · · · · · · | | • | | • | - | | - | | | | | 1. | 295.5 |
| Demand: | Loan Am: | Loan Int | | | | Total | 29.6 | 44.3 | 59.1 | 73.2 | 87.2 | 86.5 | 56.3 | | | | | | | | | | | 56.3 | | 1 | 13 h | | | | | | | | | and and an | 1,730.4 |
| ea Total | က | | | Cash Inflow | Water | Sale | • | - | | | 28.1 | _ | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | | 1,434.9 |
| Study Area Total | | | : | Cas | Fund Received | Gran | | | 3 7.2 | | | 9 5.4 | | | | 1 | 1 | • | | - | | | | | *** *** *** *** *** *** *** *** *** ** | | 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 - | en e | | 1 🛬 1 TO 1 | * = 31 | - | | • | * | | 36.2 |
| Supply Area: | Stage: | | | | Ļ | ဂ္ဂ | 1 25.9 | 2 38.9 | 3 51.9 | | | 6.38.9 | | 00 | 6 | 10 | 124 Contract Contract | 2 | 13 | 14 | 15 | 9 | 17 cm c c- | 18 | 19 - | 0: | | 22 | 3 | 7 | | 9. | | - 82 | - 6 | o | 259.3 |
| Supp | | ٠ | | | Project | Year | | | | | | | | 1 | | | | 12 | | | 1 v | | | • | | (7 | 2 | 7 | 7 | 7 | 2 | 7 | 7 | 2 | 77 | (7) | Total |

| | - | and the second | Cost | | | | | | | | | | | | | | | *************************************** | The State of the State of Stat | | | | | | | | | | 79. 41 | | | | | | | | | |
|--|------------------|----------------|------------|--|--------------|---------------|---------------|---------------------------------------|--------|-------|-----------------------|--------|--------|-------------|-------|-------|-------|---|--|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---|-------|-------|---------|-------|-------|-------|-------|---------|-----------|
| | % | R Mil. | % of Prod. | | - | | Kemarks | | | 1.00 | | | | 1 2 4 | | | | | | Approximate the second | | | | | | | | | | | | 47.4 | | | | | | |
| - 1 | 100 | 260.8 | 15.0 | | Reserve for | epreciat- | uot | | | | and the second second | | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | | | • | • | • | 260.8 |
| | Recovery: | Direct C. | Overhe'd: | | 11. | | | (1.0) | (1.9) | (3.5) | 16.7 | 65.2 | 79.4 | 93.6 | 107.8 | 122.0 | 136.2 | 150.4 | 164.6 | 178.8 | 193.0 | 207.1 | 221.3 | 235.5 | 249.7 | 263.9 | 278.1 | 292.3 | 306.5 | 320.7 | 334.9 | 349.1 | 363.3 | 377.5 | 391.7 | 405.9 | 420.1 | ı |
| | | | S | | | | | (1.0) | (1.0) | (1.6) | 20.2 | 48.5 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 420.1 |
| | 1.30 - R/KI | 230.1 R Mil. | 1.0 % | | Net | Cash | Flow | 65.0 | 97.1 | 193.8 | 195.4 | 102.2 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | li | 2,249.2 |
| | iff. | | Sost | 159.3 | M(| | ment Total | • | | • | • | | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | | e i |
| | r W. Tariff. | . : | Prod. Cost | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | Cash Outflow | 1 | ead Repayment | 1.0 | 1.0 | 1.6 | 3.2 | 6.1 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 4 | .0 |
| A. A | 018 mcm/yr | | | The second secon |) | Prod. (| Overh | | | | | | | | | : | 1 | | | | | | | | | - | A | | 1 | | · · | _ | | | | | 1 27 | 340.6 |
| tage - 1 | 0.09 | 4 | | | | Capital | Expens | 78 | 96 1 | 2 192 | 3 192.2 | | - | | - C | 0 | 9 | 0 | - - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Supply).S | Demand | Loan Am | Loan Int | | | | Total | 64.1 | 96.1 | 192. | 215.6 | L | 78.0 | 78.0 | L | 3 | 78.0 | | L | | 78.0 | _ | | : | 78.0 | | 78.0 | | | 78.0 | | : 1. | 0.87 | 78.0 | 0.87 | | | 5 2,669.2 |
| int (Retail | a Total | | | | Cash Inflow | Water | Sale | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | • | 23.4 | _ | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78. | 1 2.028.6 |
| C.f. Cash Flow Statement (Retail Supply) Stage - 1 | Study Area Total | | | | Cas | Fund Received | Grant | 23.0 | L | 0.69 | | | | • | | - | | | • | The specification of | | - | - | , | | | | 1 | - | 0 | | • | | • | - | | | 5 230.1 |
| Cash Flor | Supply Area: | 500 | , and a | • | | t Fund f | Loan | 1 41.1 | | 100 | 123.2 | 5 61.6 | 9 | 7 | | 6 | 0 | 9.00 | 2 | 3 | 7 | 5 | - 19 | 7 | 181 | i6 | 20 | 21 | 2 | 23 | 24 | 5 | 26 | 1/2 | 18: | 29 | 0 | 1 410.5 |
| 3 | >\ccirc. | Calday | | | | Project | Year | | | | 7 | | | | | | 10 | 7 | 12 | 133 | 14 | 15 | 16 | 17 | | 19 | 7 | 2 | | 7 | 2 | 2 | 12 | 27 | 2 | [~ | <u></u> | Total |

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|------------------|-----------|-------------|------------------------------|-----------------------------|----------------------|-------|--|-------|-------|-------|-------|-------|--|-------|--------|----------|-------|-------|---------|-------|-------|------------|-------|-------|-------|-------|-------|-------|------------------|-------|---------|----------------|----------------|-------|------|
| | | | | | | 1 | | | | ij. | | | | | : ·· | | | | | | | | 1 | | | | 1 | | | | | | and the second | | |
| % | R Mil. | R/Kl | | | Remarks | 11.10 | | | | | | | | | | | | | | | 7 | | | | | | | | | - | | | | | |
| 100 | 174.6 | 15.00 | | Reserve for | Depreciat- | 1000 | : • • • • • • • • • • • • • • • • • • • | - | | | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | | • | | | |
| Recovery: | Direct C. | Overhe'd: | | Cumu! | Cash | (0.7) | (1.3) | (2.5) | 9.8 | 38.5 | 80.3 | 131.3 | 148.5 | 165.6 | 182.8 | 199.9 | 217.1 | 234.2 | 251.4 | 268.5 | 285.7 | 302.8 | 319.9 | 337.1 | 354.2 | 371.4 | 388.5 | 405.7 | 422.8 | 440.0 | 457.1 | 474.3 | 491.4 | 9.809 | 100 |
| 4 | R Mil. | | | Net | Cash | (0.7) | | | | 29.9 | 41.8 | 51.0 | 17.1 | 17.1 | | *** **** | 17.1 | 17.1 | 1.77.1. | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | | |
| 1.30 | 173.5 | 1.00 | | | - | 45.5 | 45.5 | 68.4 | 91,7 | 92.6 | 713 | 49.5 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | |
| | | ٠ | 1 | | Total | _ | - | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| IW Tan# | Grant: | Prod. Cost: | 351. | Cash Outflow | Loan Repayment | | • | | | | | • | 43.2 | 43 | ₹ 8 | 43. | 43, | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43.2 | 43. | 43. | . 43 | 43.2 | , |
| mcm/vr F | | % | | Cash | Prod. C. Overhead | 7- | 0.7 | 1.1 | 2.0 | 2.9 | 4.0 | 4.7 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | |
| 50.413 | 274.8 | | and the second of the second | To the second second second | Capital Expense | ω | | 67.2 | | | 67.2 | | The state of the s | - | • | | • | - | ï | : | • | tu "= 1.77 | | | | 3 - E | | • | - | • | * 2 2 2 | - 0 0 0 | | | |
| Demand: | Loan Am: | Loan Int: | | | Total | 44.8 | 44.8 | 67.2 | 102.8 | 122.4 | 113.1 | 100.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | - 10 |
| | | | | Cash Inflow | | , | | | 13.1 | 32.8 | 45.9 | 55.7 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | UUC |
| Study Area Total | 7 | * - | | Cash | Fund Received | 4 | 17.4 | 26.0 | 7.3 | 34.7 | 26.0 | 17.4 | | • | | | | | 1. | • | • | | • | | | 1 | A. 1 | | • | • | | | • | • | |
| Area | Stage: | | | | | 27.5 | 27.5. | | | 55.0 | | | - | | | | • | | | | | | | • | | | 1 | | Sale Sales Sales | • | | | • | | |
| Supply Area: | | | | | Project Year | - | 2 | 3 | 4 | 5 | 9 | 7 | 8 | 6 | 10 | 1 | 12 | 13 | 4 | 15 | 16 | 1 | 18 | 19 | 20 | 21 | 22 | 23 | 22 | 25 | 26 | 27 | 28 | 82 | |

| | 1 | | | |
|--|-------------------------------|--------------|-------------|-------|
| | 100 % | 112.3 R Mil. | 15.00 R/KI | |
| | Recovery: | Direct C. | Overhe'd: | |
| | 1.30 R/KI | 151.1 R Mil. | 1.00 R/KI | |
| | W. Tariff: | Grant: | Prod. Cost: | . 075 |
| tage - 3 | 46.891 mcm/yr | 176.7 R Mil. | 10.0 % | |
| Supply) Stage | Demand: | Loan Am. | Loan Int: | |
| C.3 Cash Flow Statement (Retail Supply) Stag | Supply Area: Study Area Total | ന | | |
| C.3 Cash Flor | Supply Area: | Stage: | • | |

| | <u>~</u> | | Remarks | | | | | | 5.6 | 9 | .6.1 | 5.6 | ·9· | 9 | .6 | 9: | 5.6 | 5.6 | 5.6 | 5.6 | 9. | 9. | 9: | 9- | 5.6 | 5.6 | 5.6 | 5.6 | | | | 1 | | 3 |
|------|--------------|---------------|-------------|--------|--------|-------|--------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| | Reserve for | Depreciat- | | • | • | • | | | | | | | - | | | | | | | | | | | | | | | | • | - | - | • | • | 112.3 |
| | Sumul. | Cash | | (0.5) | (1.0) | (1.8) | 11.8 | 39.8 | 82.1 | 113.3 | 144.5 | 175.7 | 206.9 | 238.1 | 269.3 | 300.4 | 331.6 | 362.8 | 394.0 | 425.2 | 456.4 | 487.6 | 518.8 | 550.0 | 581.2 | 612.4 | 643.6 | 674.8 | 706.0 | 737.1 | 768.3 | 799.5 | 830.7 | |
| | | | Flow | (0:5) | (0.5) | (0.8) | 13.6 | 28.0 | 42.3 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 830.7 |
| | <u> </u> | | Total | 33.3 | 49.7 | 66.4 | 67.2 | 68.0 | 52.6 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 1,051.5 |
| 7184 | Cash Outflow | Loan | Repayment T | - | • | • | , | , | , | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 623.9 |
| | Cash | Prod. C. II | Overhead | 0.5 | 9.0 | 8.0 | 1.6 | 2.5 | 3.4 | 8.6 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | | 8.66 |
| | | Capital | Expense | 32.8 | 49.2 | 9.59 | 65.6 | 65.6 | 49.2 | ı | 1 | | • | • | • | • | • | | • | • | - | t | 1 | 1 | • | | - | | , | - | 1 | | • | 327.8 |
| | | | Total | 32.8 | 49.2 | 9.59 | 80.8 | 0.96 | 94.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | | | | | | | 61.0 | | : | 61.0 | | | 61.0 | | 1,882.2 |
| | Cash inflow | Water | Sale | | • | • | 15.2 | 30.5 | | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 1,554.4 |
| | Cast | Fund Received | Grant | 15.1 | 22.7 | | | 30.2 | | • | | | | | • | • | | , | | | • | | | | | | - | | • | 1 | | | • | 7 151.1 |
| 1. | | 1_ | Ľ | 1 17.7 | 2 26.5 | | 4 35.3 | 5 35.3 | | L | 8 | 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 0 | | 2 | 23 | 24 | | 26 | 27 | 28 | 60 | 30 | 176. |
| | | Project | Year | | | | | | | | | 1 / | | | | | L | | | | | | | | | | | | | | | | | Total |
| | | | | | | | 1 | | | | | | | | | 1 | 10- | <i>T</i> | | | | - | | 1 . | | | | | | | | | | |

