

**User
instructions**

Enter Municipality

Hessequa Municipality

Enter the name of the municipality for which the tariffs are being set.

Revenue

Enter base year

2026

Enter year for which base data is entered.

Expenditure

Enter year tariffs are set

2027

Enter the year for which the tariffs are being set.

Surplus

**Revenue
required**

This tool was developed in 2019 with funding from the African Development Bank. The tool has been developed to assist local municipalities in the tariff setting process for water, sanitation, electricity and solid waste removal tariffs. The tool is accompanied by a methodology and user notes. Along with this sheet, please read the accompanying methodology and user notes completely before using the tool.

Description of the tool

The tool has been developed in three levels. The data required becomes more sophisticated as users move to progressive levels in the tool. A user can choose to implement Level 1 only, or to advance to progressive levels of tariff setting based on the data available. The three levels are described below:

Level 1: Looks at each service as a whole. The outputs from Level 1 include: (i) fixed costs per customer for each trading service as a whole; (ii) variable costs per unit for each trading service as a whole; and (iii) tariff revenue required per unit sold for each trading service as a whole.

Level 2: Introduces customer categories. Level 2 outputs include: (i) average fixed and variable costs per customer category for each trading service; and (ii) revenue required per unit sold for each customer category within a trading service.

Level 3: Application of tariff structures and calculation of tariffs for each each customer group within a service. The outputs from Level 3 include fixed charges and tariffs per block in an inclining block tariff for each customer category within a trading service.

The user must complete the first four data entry sheets in the tool for all services. These sheets have grey tab colours. The user may choose to run the remainder of the tool for a single service only.

Colour coding in the tool: Cells in the tool are colour coded. The table below provides a guide to the colour coding of cells used in the tool.

Colour code	Meaning
	Yellow cells require data entries by the user
	Green cells indicate that a default is available. This means that the tool has proposed an entry for this cell. The user can choose to leave the green cell blank and accept the entry proposed by the tool, or the user can make an entry in the green cell and over-write the default proposed by the tool.
	Grey cells require entries by the user. These are not data entries but decisions that the user must make.
	White cells are calculated by the tool.

Reports: The tool includes a set of report sheets for each trading service. The report sheets have been formatted for ease of printing and contain a summary of the Level 2 and Level 3 outputs per customer category for each trading service based on user inputs and decisions.

Affordability: The affordability of tariffs to domestic customers is tested

Workbook sheets

Level 1 sheets	Revenue	The user enters data on what non-tariff revenues are expected in the year for which tariffs are being set, and allocates these between the services.
	Expenditure	The user enters data on the expenditure budget for the year in which tariffs are being set, and allocates expenditures between the services.
	Surplus	The user decides whether surpluses will be required from any services or deficits accepted.
	Revenue required	The tool calculates the revenue required from tariffs for each service based on entries on the previous sheets.
	1 Customer data	Customer data for each service should be captured in this sheet.
	1 Water	This sheet calculates the total fixed costs per month, the total variable cost per kl consumed, and the average revenue required per kl for all water services customers.
	1 Sanitation	This sheet calculates the total fixed costs per month, the total variable cost per kl treated, and the average revenue required per unit for all sanitation services customers.

Level 2 sheets	1 Electricity	This sheet calculates the customer cost per month, the demand cost per unit demand, the consumption costs per kWh consumed, and the average revenue required for all electricity services customers.
	1 Solid waste	This sheet calculates the unit costs and the average revenue required per unit for all solid waste services customers.
	2 Water	This sheet calculates the total fixed costs per month, the total variable cost per kl consumed, and the average revenue required per kl for water services per customer.
	2 Sanitation	This sheet calculates the fixed costs per month, the total variable cost per kl treated, and the average revenue required per unit for sanitation services per customer.
Level 3 sheets	2 Electricity	This sheet calculates the customer cost per month, the demand cost per unit demand, the consumption costs per kWh consumed, and the average revenue required for electricity services per customer.
	2 Solid waste	This sheet calculates the unit costs and the average revenue required per unit for solid waste services per customer.
	3 Water	This sheet requires the user to select the tariff structure to be used for setting water tariffs.
	3 Sanitation	This sheet requires the user to select the tariff structure to be used for setting sanitation tariffs.
Reports	3 Electricity	This sheet requires the user to select the tariff structure to be used for setting electricity tariffs.
	3 Solid waste	This sheet requires the user to select the tariff structure to be used for setting solid waste tariffs.
	Water report	This sheet presents the tariffs for water
	Sanitation report	This sheet presents the tariffs for sanitation
Affordability	Electricity report	This sheet presents the tariffs for electricity
	Solid waste report	This sheet presents the tariffs for solid waste removal
This sheet provides analysis on the affordability of tariffs to domestic customers		

Scroll to top

Go to sheet

On this sheet, the user must enter data on non-tariff revenues anticipated in the year for which tariffs are being set and allocate these between the services.

OPERATING GRANTS AND SUBSIDIES

User must enter the name of each individual operating grant and the amount that is anticipated to be received **in the year for which the tariffs are being set**. The user must then enter the amount to be allocated to each service. There is a check to the right of the table that the amounts allocated to the services all add up to the total. Make sure that this check is zero.

Operational grants and subsidies	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)	Governance and administration (R)	check = 0
Equitable Share	64 970 552	14 187 963	11 833 672	5 391 576	12 920 883		20 636 458	-
Community Libraries	11 263 000						11 263 000	-
EPWP	-							-
FMG	1 550 000						1 550 000	-
EEDSM	-							-
MIG	130 000						130 000	-
SETA	1 192 010						1 192 010	-
Community Development Work	38 000						38 000	-
Thusong	150 000						150 000	-
Housing	0							-
Road Maintenance	0							-
Total grant allocation per service	79 293 562	14 187 963	11 833 672	5 391 576	12 920 883	-	34 959 468	-

PROPERTY RATES

Property rates are typically used to pay for services that are publicly accessed. This means that property rates are typically allocated to 'other' services. However, property rates might be allocated to a trading service if a portion of that trading service is publicly accessed. This may be the case for the street lighting component of electricity, for example. The user must enter the anticipated property rates revenue **in the year for which tariffs are being set**, and then allocate this revenue between the services in the table below. As a default, allocate all property rates revenue to 'other' services. There is a check to the right of the table that the amounts allocated to the services all add up to the total. Make sure that this check is zero.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)	check = 0
Rates funding allocated to publicly accessed functions	- 148 311 764					- 148 311 764	-
Total Rates Funding allocated to each service	- 148 311 764	-	-	-	-	- 148 311 764	-

OTHER INCOME SOURCES

User must enter the amount of other income sources anticipated to be received **in the year for which the tariffs are being set**, and then allocate these between the service in the yellow highlighted cells.

There is a check to the right of the table that the amounts allocated to the services all add up to the total. Make sure that this check is zero.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)	Governance and administration (R)	check = 0
Service charges - other	397 553 441	53868649	27 803 419.00	276 282 419.00	39 598 954.00			-
Rental of facilities and equipment	4 421 900						4 421 900	-
Interest earned - external investments	32 781 681						32 781 681	-
Interest earned - outstanding debtors	3 691 922	1 200 000	1 610 000	510 807		190 000	181 115	-
Dividends received	-						-	-
Fines	102 833 529						102 833 529	-
Licences and permits	2 692 344						2 692 344	-
Agency services	3 883 510						3 883 510	-
Other revenue	26 873 651						26 873 651	-
Gains on disposal of PPE	8 000 000						8000000	-
	-							-
	-							-
Total	582 731 978	55 068 649	29 413 419	276 793 226	39 598 954	190 000	181 667 730	-

SERVICE CHARGES NOT SET USING THIS MODEL

This tool only sets tariffs for services. There are a number of other service charges identified in mSCOA v 6.3 that are not set using this tool. The user must allocate the value of these service charges anticipated **in the year for which the tariffs** are being set in the yellow highlighted cells below.

Non-tariff revenue	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)
Water	-	3 761 934.00			
Connection/disconnection		832 491			
Meter reading fees					
Industrial water (non-potable)					
Availability charges		2 929 443			
Wastewater management	-		9 454 472.00		
Industrial effluent					
Treatment of effluent					
Availability charges			3 343 605		
Connection/reconnection			177 465		
Pump/removal of wastewater (from tanks)			5 933 402		
Electricity	-			7 771 345.00	
Appliance maintenance					
Connection/reconnection				1 666 220	
Joint pole usage					
Meter compliance testing					
Meter reading fees				677	

Notice revenues					
Temporary service plant					
Electricity distribution revenue for services					
Availability charges				6 104 448	
Waste management	-				52 821.00
Carrier bags					
Disposal facilities					
Refuse bags					52 821
Waste bins					
Availability charges					
Skip					
Total non-tariff service charges	-	3 761 934.00	9 454 472.00	7 771 345.00	52 821.00

SUMMARY: NON-TARIFF REVENUE SOURCES

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)	Governance and administration (R)
Operating grants and subsidies	79 293 562	14 187 963	11 833 672	5 391 576	12 920 883	-	34 959 468
Property rates	- 148 311 764	-	-	-	-	- 148 311 764	-
Other income	582 731 978	55 068 649	29 413 419	276 793 226	39 598 954	190 000	181 667 730
Non-tariff service charges	21 040 572	3 761 934	9 454 472	7 771 345	52 821	-	-
Total	534 754 348	73 018 546	50 701 563	289 956 147	52 572 658	- 148 121 764	216 627 198

check = 0

-
-
-
-
-

On this sheet, the user must enter data on expenditures anticipated in the year for which tariffs are to be set, and allocate these between services.

ALLOCATING DIRECT COSTS PER FUNCTION

Enter the total anticipated expenditure **in the year for which the tariffs are being set**. This expenditure must then be allocated to each service in order to calculate the total direct cost of providing that service. The expenditure types in white cells are from the MBRR classification. The user may choose to enter other expenditure types in the yellow cells in the 'Type of expenditure' column. There is a check to the right of the table that the amounts allocated to the services all add up to the total. Make sure that this check is zero.

Type of expenditure	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)	Governance and administration (R)
Employee related costs	145 737 869	16 141 794	15 232 856	22 129 617	16 889 221	2 563 560	72 780 822
Remuneration of councillors	10 038 613	-	-	-	-	-	10 038 613
Debt impairment	61 259 889	2 925 861	1 265 986	7 427 265	1 751 415	45 431 570	2 457 792
Depreciation & asset impairment	42 879 529	5 462 184	7 128 479	5 964 721	5 225 265	18 798 094	300 786
Finance charges	21 738 067	2 239 645	3 896 780	3 301 877	8 364 870	3 692 609	242 286
Bulk purchases	203 930 482	-	-	203 930 482	-	-	-
Other materials	50 888 811	17 219 671	5 510 403	5 435 180	2 849 621	17 567 302	2 306 634
Contracted services	54 164 598	3 248 502	3 442 882	4 416 308	4 365 782	25 567 448	13 123 676
Transfers and subsidies	3 896 016	-	-	-	-	1 120 546	2 775 470
Other expenditure	49 104 577	3 835 200	1 501 875	6 317 839	2 222 128	10 525 907	24 701 628
Loss on disposal of PPE	-	-	-				
Total direct costs per service	643 638 451	51 072 857	37 979 261	258 923 289	41 668 302	125 267 035	128 727 707

check = 0

1

1

1

1

1

1

1

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1

1

1

ALLOCATING GOVERNANCE AND ADMINISTRATION COSTS

The cost of supply of a service includes a portion of the governance and administration costs (overheads) of the municipality. Governance and Administration costs must thus be allocated between services in order to determine the full cost of supply of that service. Enter the % of governance and administration costs that will be allocated to each service in the grey cells below.

Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
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check = 0

% allocation of Gov & Admin costs

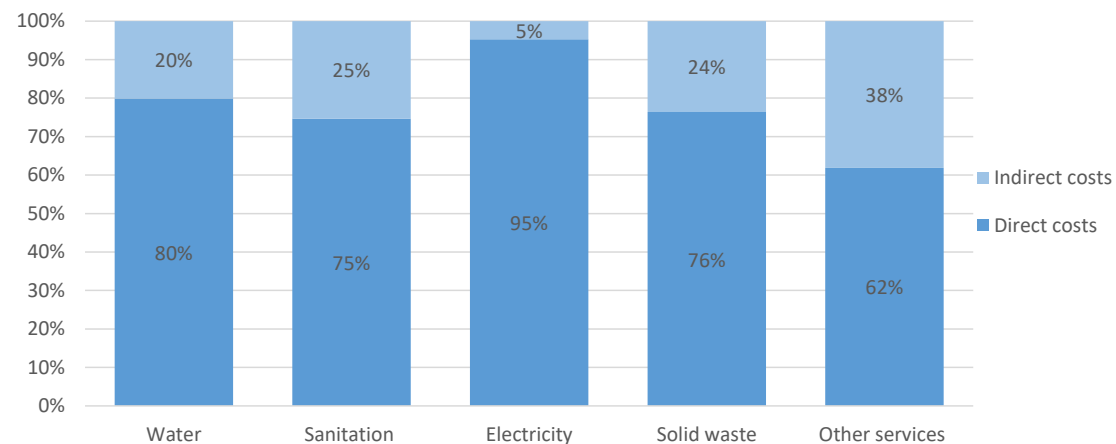
	10%	10%	10%	10%	60%
128 727 707	12 872 771	12 872 771	12 872 771	12 872 771	77 236 624

SUMMARY OF DIRECT AND INDIRECT COSTS

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Direct costs	514 910 744	51 072 857	37 979 261	258 923 289	41 668 302	125 267 035
Indirect costs	128 727 707	12 872 771	12 872 771	12 872 771	12 872 771	77 236 624
Total costs	643 638 451	63 945 627	50 852 031	271 796 060	54 541 073	202 503 660

% direct costs	80%	75%	95%	76%	62%
% indirect costs (overheads)	20%	25%	5%	24%	38%

Chart: Proportion of costs that are direct and indirect



On this sheet, the user must decide if deficits are to be accepted on any services. The user must then enter the surpluses to be generated on the trading services and check that these result in sufficient surplus to cross-subsidise any deficits allowed and still generate an adequate surplus on the budget as a whole.

SUMMARY: EXPENDITURE ALLOCATED AND NON-TARIFF REVENUE RECEIVED AFTER ALLOCATION OF GOVERNANCE AND ADMINISTRATION

The table below summarises the allocation of expenditure and revenues in the previous sheets. Any non-tariff revenue allocated to the Governance and Administration function has been distributed between the services according to the allocation of the Governance and Administration expenditure between the services. There may be a gap to be filled through tariffs on 'Other services' if the property rates revenue and other non-tariff revenues are not sufficient to cover the costs of providing these services.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Direct expenditure	514 910 744	51 072 857	37 979 261	258 923 289	41 668 302	125 267 035
Indirect expenditure	128 727 707	12 872 771	12 872 771	12 872 771	12 872 771	77 236 624
Total expenditure	643 638 451	63 945 627	50 852 031	271 796 060	54 541 073	202 503 660
Non-tariff revenue allocated to service	318 127 150	73 018 546	50 701 563	289 956 147	52 572 658	- 148 121 764
Non-tariff revenue allocated to Gov & Admin	216 627 198	21 662 720	21 662 720	21 662 720	21 662 720	129 976 319
Total non-tariff revenue allocated	534 754 348	94 681 266	72 364 283	311 618 867	74 235 378	- 18 145 445
Gap to be filled through tariffs	108 884 103	- 30 735 638	- 21 512 252	- 39 822 807	- 19 694 305	220 649 105

DEFICIT TO BE ACCEPTED ON SERVICES

Municipalities should move towards ensuring that all services at least break even. However, currently municipalities operate some services at a deficit. Enter the deficit that you are willing to accept on providing a service in the grey cells below. Bear in mind that you will have to generate surpluses on other services to cross-subsidise these deficits.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Expenditure	643 638 451	63 945 627	50 852 031	271 796 060	54 541 073	202 503 660
Enter deficit to be accepted as % of expenditure		2%	2%	2%	2%	
Deficit generated	229 471 801	1 278 913	1 017 041	5 435 921	1 090 821	220 649 105

SURPLUS TO BE GENERATED ON SERVICES

The Municipal Powers and Functions Act Number 12 of 2007 allows municipalities to levy a surcharge on tariffs. Enter the total surcharge that you plan to levy in the year for which tariffs are being set on each service in the table below. Make sure that you have not indicated a surplus to be generated if you have already indicated that there will be a deficit in the table above. If you do this, the cell entry will be highlighted in bold red text.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Expenditure	643 638 451	63 945 627	50 852 031	271 796 060	54 541 073	202 503 660
Enter surplus to be generated as % of expenditure		5%	5%	7%	5%	
Surplus generated	-	-	-	-	-	-

In order for the budget to be fully funded, surpluses generated must be sufficient to at least cover anticipated deficits. If this is not the case, the user must reduce the deficits anticipated or increase the surpluses to be generated. The net surplus below is the total surpluses less the total deficits. It must be positive. If it is negative, adjust the deficits to be accepted on services or the surpluses to be generated until a positive figure is obtained.

Net surplus or deficit	- 229 471 801	Net surplus is negative. Adjust deficits to be accepted or surpluses to be generated until a positive figure is obtained.
Net surplus or deficit as % of expenditure	-35.7%	

ALLOCATION OF SURPLUS

If you are generating surpluses on some services and deficits on others, you will need to make some decisions about how the surpluses should be allocated to cross-subsidise the deficits. This must be done in the table below. The model provides a default allocation that allocates the available surplus to service in proportion to the deficit generated on a service. The user can choose to define an alternative allocation. Entries must be made in the grey cells only. This is not necessary for tariff setting, but only to confirm the overall funding of the budget.

	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Deficit generated	229 471 801	1 278 913	1 017 041	5 435 921	1 090 821	220 649 105
Surplus generated	-	-	-	-	-	-
Default allocation of surplus to cover deficits	-	-	-	-	-	-
Default % allocation of surplus		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Use default allocation?	Yes					
User defined allocation of surplus to cover deficits	-					
User defined % allocation of surplus						

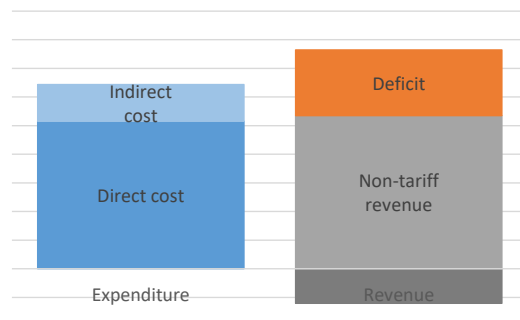
This sheet shows the revenue required from tariffs and the total funding of the budget. There are no user entries. It is a report sheet only.

REVENUE REQUIRED

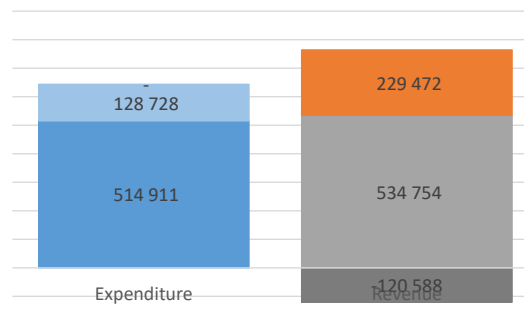
	Total (R)	Water (R)	Sanitation (R)	Electricity (R)	Solid waste (R)	Other services (R)
Direct expenditure	514 910 744	51 072 857	37 979 261	258 923 289	41 668 302	125 267 035
Indirect expenditure	128 727 707	12 872 771	12 872 771	12 872 771	12 872 771	77 236 624
Total expenditure	643 638 451	63 945 627	50 852 031	271 796 060	54 541 073	202 503 660
Surplus or deficit	- 229 471 801	- 1 278 913	- 1 017 041	- 5 435 921	- 1 090 821	- 220 649 105
Total expenditure plus surplus or deficit	414 166 650	62 666 715	49 834 991	266 360 139	53 450 251	18 145 445
Operating grants and transfers	79 293 562	17 683 910	15 329 619	8 887 523	16 416 830	20 975 681
Property rates revenue	- 148 311 764	-	-	-	-	- 148 311 764
Other income	582 731 978	73 235 422	47 580 192	294 959 999	57 765 727	109 190 638
Other non-tariff service charges	21 040 572.00	3 761 934.00	9 454 472.00	7 771 345.00	52 821.00	
Total non-tariff revenue	534 754 348	94 681 266	72 364 283	311 618 867	74 235 378	18 145 445
Revenue required from tariffs	- 120 587 698	- 32 014 551	- 22 529 292	- 45 258 728	- 20 785 126	
Total revenue	414 166 650	62 666 715	49 834 991	266 360 139	53 450 251	18 145 445

BUDGET FUNDING

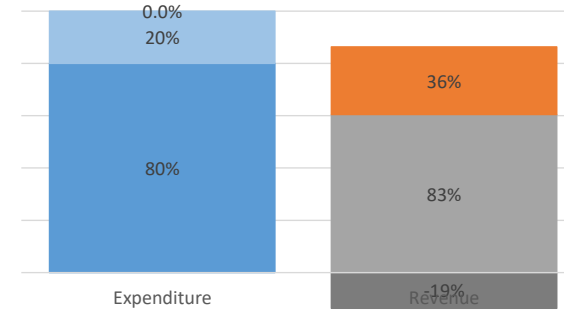
Budget funding: full budget: categories



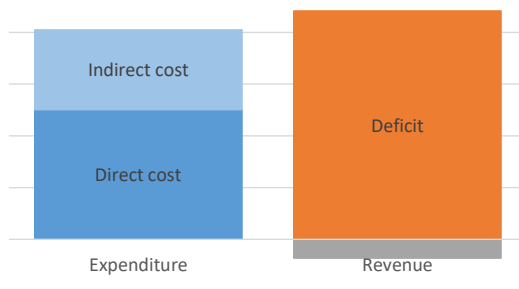
Budget funding: full budget: R'000



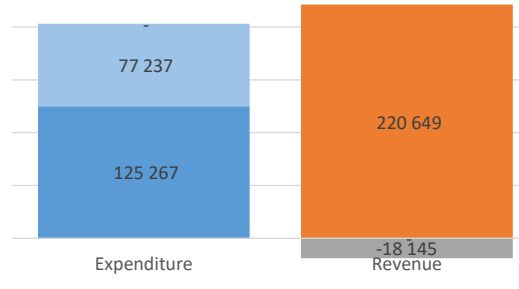
Budget funding: full budget: %



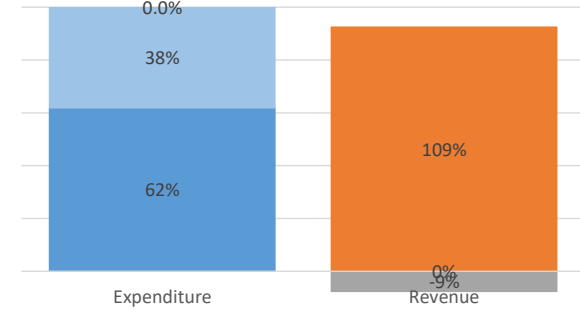
Budget funding: 'other' services: categories



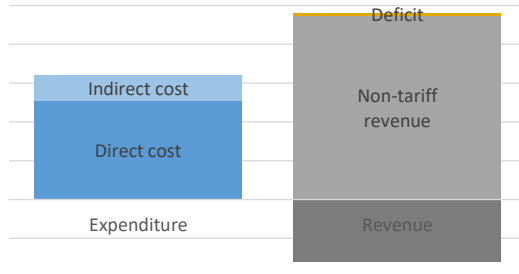
Budget funding: 'other' services: R'000



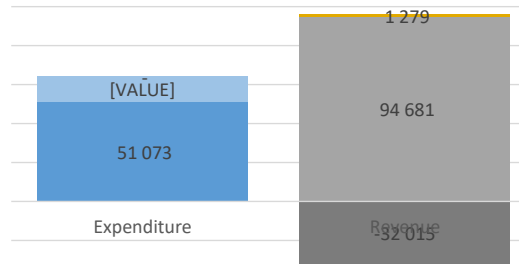
Budget funding: 'other' services: %s



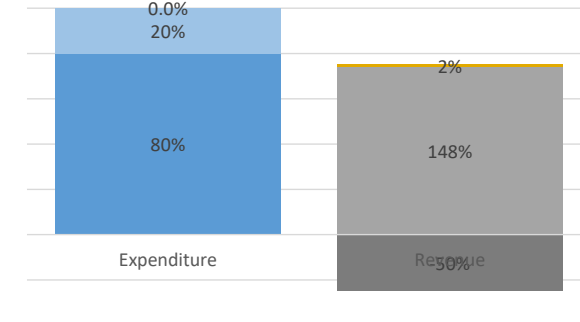
Budget funding: water service: categories



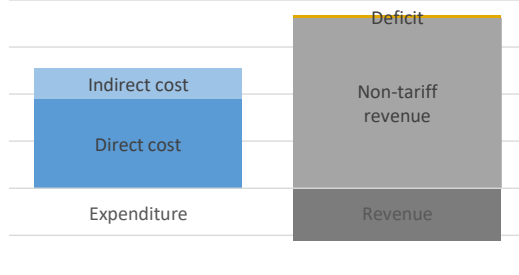
Budget funding: water service R'000



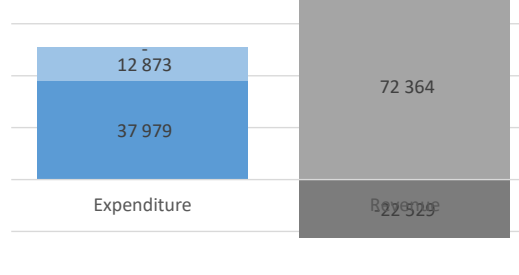
Budget funding: water service: %s



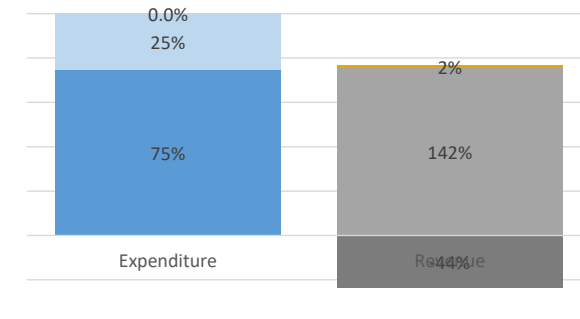
Budget funding: sanitation service: categories



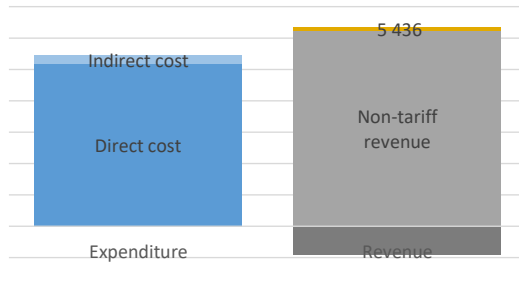
Budget funding: sanitation service R'000



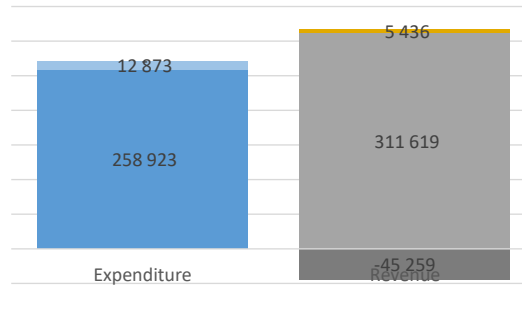
Budget funding: sanitation service: %s



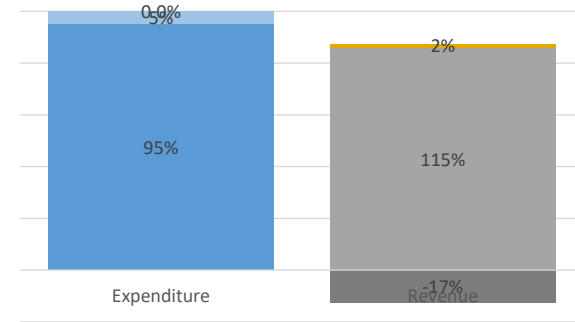
Budget funding: electricity service:
categories



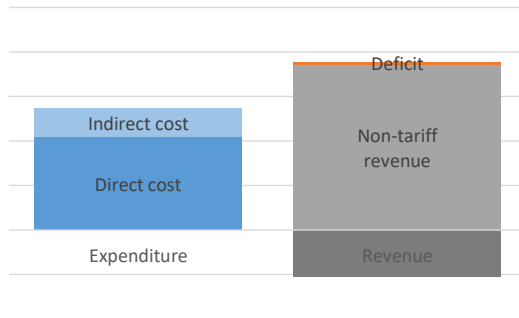
Budget funding: electricity service R'000



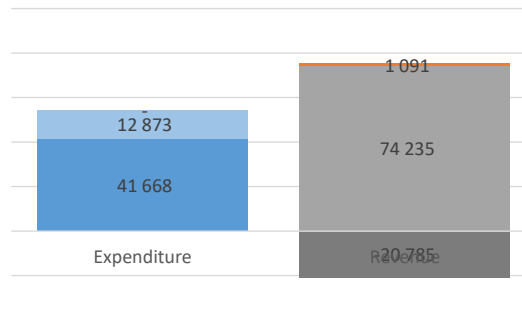
Budget funding: electricity service: %s



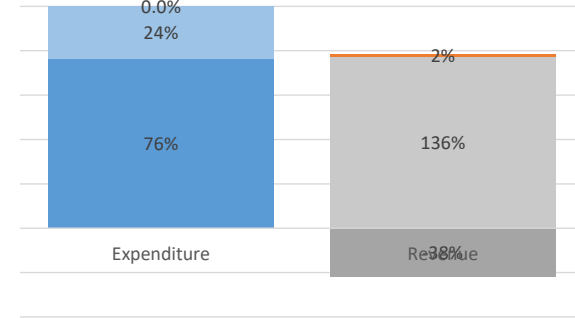
Budget funding: solid waste: categories



Budget funding: solid waste R'000



Budget funding: solid waste: %s



Figures for graph:

Full budget

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	514 911		Direct cost	80%	
Indirect cost	128 728		Indirect cost	20%	
	-				
		120 588			-19%
Non-tariff revenue		534 754	Non-tariff revenue		83%
Deficit		229 472	Deficit		36%
Total	643 638	643 638			

Other services

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	125 267		Direct cost	62%	
Indirect cost	77 237		Indirect cost	38%	
	-				

		-			
		-	18 145		-9%
Deficit			220 649	Deficit	109%
Total	202 504		202 504		

Water

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	51 073		Direct cost	80%	
Indirect cost	12 873		Indirect cost	20%	
	-				
	-	32 015			-50%
Non-tariff revenue		94 681	Non-tariff revenue		148%
Deficit		1 279	Deficit		2%
Total	63 946	63 946			

Sanitation

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	37 979		Direct cost	75%	
Indirect cost	12 873		Indirect cost	25%	
	-				
	-	22 529			-44%
Non-tariff revenue		72 364	Non-tariff revenue		142%
Deficit		1 017	Deficit		2%
Total	50 852	50 852			

Electricity

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	258 923		Direct cost	95%	
Indirect cost	12 873		Indirect cost	5%	
	-				
	-	45 259			-17%
Non-tariff revenue		311 619	Non-tariff revenue		115%
Deficit		5 436	Deficit		2%
Total	271 796	271 796			

Solid waste

	Expenditure	Revenue		Expenditure	Revenue
Direct cost	41 668		Direct cost	76%	
Indirect cost	12 873		Indirect cost	24%	
	-				
	-	20 785			-38%
Non-tariff revenue		74 235	Non-tariff revenue		136%
Deficit		1 091	Deficit		2%
Total	54 541	54 541			

On this sheet, the user must enter data about the customers, demand and sales of services.

ENTER WATER CUSTOMER DATA

Enter data on the number of customers and total annual sales volume in the base year in the yellow cells below.
Estimate the number of customers and annual sales volume in the year for which tariffs are to be set in the grey cells.

	2026	2027	% change
Total number of customers	17 910	18 089	1.0%
Total annual sales (kl per annum)	3 292 949	3 325 878	1.0%

ENTER SANITATION CUSTOMER DATA

Enter data on the number of customers and total annual water sales volume in the base year in the yellow cells below.
Estimate the number of customers and annual water sales volume in the year for which tariffs are to be set in the grey cells. Note that the water sales volume entered here is the volume sold to sanitation customers. This may differ from the volume sold to water customers, entered in the table above. Also enter the average % return flow, which is the kl of wastewater treated as a % of the kl of water sold.

	2026	2027	% change
Total number of customers	16 294	16 457	1.0%
Total annual water sales (kl per annum)		-	0.0%
Average % return flow (kl of wastewater treated as % of kl of water sold)		0%	
Volume of wastewater treated (kl per annum)	-	-	0.0%

ENTER ELECTRICITY CUSTOMER DATA

Enter data on the number of customers and total annual sales volume in the base year in the yellow cells below.
Estimate the number of customers and annual sales volume in the year for which tariffs are to be set in the grey cells.
If you have data on the total network demand in kVA in the base year, enter this in the yellow cell provided. Also enter the estimated kVA in the year for which tariffs are set in the grey cell. If you do not have this data, these cells can be left blank.

	2026	2027	% change
Total number of customers	19 341	19 534	1.0%
Total annual sales (kWh per annum)	80 198 899	81 000 888	1.0%
Network demand (kVA)			0.0%

ENTER SOLID WASTE CUSTOMER DATA

Enter data on the number of customers in the base year in the yellow cell below. Estimate the number of customers in the year for which tariffs are to be set in the grey cell.

	2026	2027	% change
Total number of customers	17 159	17 331	1.0%

This sheet calculates the fixed cost per customer; the variable cost per unit sold; and the tariff revenue required per unit sold for the water service as a whole.

ALLOCATE FIXED AND VARIABLE COSTS

In this box, the user must specify what proportion of each expenditure type is fixed in the grey cells below. Expenditures can be 100% fixed, 100% variable or a mix. Fixed costs will be allocated between customer groups based on number of customers in each group later in the model, and variable costs will be allocated based on volumes of water sold.

	Total expenditure (R)	% Fixed	% Variable	Fixed costs (R)	Variable costs (R)
Employee related costs	16 141 794		100%	-	16 141 794
Remuneration of councillors	-		100%	-	-
Debt impairment	2 925 861		100%	-	2 925 861
Depreciation & asset impairment	5 462 184		100%	-	5 462 184
Finance charges	2 239 645		100%	-	2 239 645
Bulk purchases	-		100%	-	-
Other materials	17 219 671		100%	-	17 219 671
Contracted services	3 248 502		100%	-	3 248 502
Transfers and subsidies	-		100%	-	-
Other expenditure	3 835 200		100%	-	3 835 200
Loss on disposal of PPE	-		100%	-	-
0	-		100%	-	-
0	-		100%	-	-
0	-		100%	-	-
Governance and administration	12 872 771		100%	-	12 872 771
Total cost	63 945 627	0%	100%	-	63 945 627

CALCULATION OF UNIT COSTS

This box shows the fixed and variable unit costs, based on the allocation of costs in the table above. It also shows the total cost of supply per unit sold.

Fixed unit cost (R per customer per month)	-
Variable unit cost (R per kl sold)	19.23
Total unit cost (R per kl sold)	19.23

CALCULATION OF UNIT REVENUE REQUIRED FOR WATER

This box shows the unit revenue required from tariffs for the service. This may be higher or lower than the total unit cost due to the allocation of subsidies, requirement for surpluses and allowance for deficits.

	(R)
Total expenditure	63 945 627
Deficit generated on water	1 278 913
Surplus generated on water	-
Expenditure minus deficit plus surplus	62 666 715
Operating grants and transfers	17 683 910
Property rates revenue	-
Other income	73 235 422
Other service charges	3 761 934
Total non-tariff revenue	94 681 266
Revenue required from tariff	- 32 014 551
Average unit revenue required (R per kl sold)	- 9.63

SUMMARY: WATER

Fixed unit cost (R per customer per month)	-
Variable unit cost (R per kl sold)	19.23
Total unit cost (R per kl sold)	19.23
Average unit revenue required (R per kl sold)	- 9.63
Unit revenue required as % of cost	-50%

This sheet calculates the fixed cost per customer; the variable cost per unit sold; and the tariff revenue required per unit sold for the sanitation service as a whole.

ALLOCATE FIXED AND VARIABLE COSTS

In this box, the user must specify what proportion of each expenditure type is fixed in the grey cells below. Expenditures can be 100% fixed, 100% variable or a mix. Fixed costs will be allocated between customer groups based on number of customers in each group later in the model, and variable costs will be allocated based on volumes of wastewater treated.

Cost components	Total expenditure (R)	% Fixed	% Variable	Fixed costs (R)	Variable costs (R)
Employee related costs	15 232 856	80%	20%	12 186 285	3 046 571
Remuneration of councillors	-		100%	-	-
Debt impairment	1 265 986	50%	50%	632 993	632 993
Depreciation & asset impairment	7 128 479		100%	-	7 128 479
Finance charges	3 896 780		100%	-	3 896 780
Bulk purchases	-		100%	-	-
Other materials	5 510 403		100%	-	5 510 403
Contracted services	3 442 882		100%	-	3 442 882
Transfers and subsidies	-		100%	-	-
Other expenditure	1 501 875		100%	-	1 501 875
Loss on disposal of PPE	-		100%	-	-
0	-		100%	-	-
0	-		100%	-	-
0	-		100%	-	-
Governance and administration	12 872 771		100%	-	12 872 771
Total cost	50 852 031	25%	75%	12 819 278	38 032 754

CALCULATION OF UNIT COSTS

This box shows the fixed and variable unit costs, based on the allocation of costs in the table above. It also shows the total cost of supply per unit treated.

Fixed unit cost (R per customer per month)	778.96
Variable unit cost (R per kl treated)	-
Total unit cost (R per kl treated)	-

CALCULATION OF REVENUE REQUIRED FOR SANITATION

This box shows the unit revenue required from tariffs for the service. This may be higher or lower than the total unit cost due to the allocation of subsidies, requirement for surpluses and allowance for deficits.

	(R)
Total expenditure	50 852 031
Deficit generated on sanitation	1 017 041
Surplus generated on sanitation	-
Expenditure minus deficit plus surplus	49 834 991
Operating grants and transfers	15 329 619
Property rates revenue	-
Other income	47 580 192
Other service charges	9 454 472
Total non-tariff revenue	72 364 283
Revenue required from tariff	- 22 529 292
Average unit revenue required (R per kl treated)	#DIV/0!

SUMMARY: SANITATION

Fixed unit cost (R per customer per month)	778.96
Variable unit cost (R per kl treated)	-
Total unit cost (R per kl treated)	-
Average unit revenue required (R per kl treated)	#DIV/0!
Unit revenue required as % of cost	#DIV/0!

This sheet calculates the fixed customer cost per customer; the fixed demand cost per unit of demand, and the variable cost per unit sold; as well as the tariff revenue required per unit sold for the electricity service as a whole.

ELECTRICITY EXPENDITURE BY ACTIVITY

In this box, the user must specify what proportion of each expenditure type is related to customers, what proportion is related to energy/consumption and what proportion is related to demand. This is in line with the NERSA Cost of Supply Framework. Expenditures can be 100% of one category or a mix of categories. Customer costs will be allocated to customers based on number of customers later in the model, consumption costs will be allocated based on volumes sold, and demand costs will be allocated based on network kVA demand per customer category. Note that if you do not have data on network kVA per category, then you should allocate all demand costs to customer costs if you wish to treat them as fixed or to consumption costs if you wish to treat them as variable.

Electricity direct cost components	Total expenditure (R)	% Fixed customer costs	% Variable energy costs	% Fixed demand cost	Customer costs (R)	Energy costs (R)	Demand costs (R)
Employee related costs	22 129 617		3%	97%	-	717 440	21 412 177
Remuneration of councillors	-			100%	-	-	-
Debt impairment	7 427 265		100%	0%	-	7 427 265	-
Depreciation & asset impairment	5 964 721			100%	-	-	5 964 721
Finance charges	3 301 877			100%	-	-	3 301 877
Bulk purchases	203 930 482	16%	84%	0%	32 628 877	171 301 605	-
Other materials	5 435 180	30%	70%	0%	1 615 677	3 819 503	-
Contracted services	4 416 308		59%	41%	-	2 592 410	1 823 898
Transfers and subsidies	-			100%	-	-	-
Other expenditure	6 317 839		95%	5%	-	5 990 134	327 706
Loss on disposal of PPE	-			100%	-	-	-
0	-			100%	-	-	-
0	-			100%	-	-	-
0	-			100%	-	-	-
Overheads	12 872 771			100%	-	-	12 872 771
Total costs	271 796 060	13%	71%	17%	34 244 554	191 848 357	45 703 149

CALCULATION OF UNIT COSTS

This box shows the customer, energy and demand unit costs, based on the allocation of costs in the table above. It also shows the total cost of supply per unit sold.

Customer cost (R per customer per month)	146.09
Energy costs (R per kWh sold)	2.37
Demand cost (R per kVA)	-
Total cost (R per kWh sold)	3.36

REVENUE REQUIRED FOR ELECTRICITY

This box shows the total revenue required from tariffs for the service. This may be higher or lower than the total unit cost due to the allocation of subsidies, requirement for surpluses and allowance for deficits.

	(R)
Total expenditure	271 796 060
Deficit generated on electricity	5 435 921
Surplus generated on electricity	-
Expenditure minus deficit plus surplus	266 360 139
Operating grants and transfers	8 887 523
Property rates revenue	-
Other income	294 959 999
Other service charges	7 771 345
Total non-tariff revenue	311 618 867
Revenue required from tariff	- 45 258 728
Average unit revenue required (R per kWh sold)	0.56

SUMMARY: ELECTRICITY

Customer cost (R per customer per month)	146.09
Energy costs (R per kWh sold)	2.37
Demand cost (R per kVA)	-
Total cost (R per kWh sold)	3.36
Average unit revenue required (R per kWh sold)	0.56
Unit revenue required as % of cost	-17%

This sheet calculates the fixed cost per customer for the solid waste service as a whole.

CALCULATION OF UNIT COSTS

This box shows the unit cost per customer.

Total unit cost (R per customer per month)

REVENUE REQUIRED FOR SOLID WASTE

This box shows the unit revenue required from tariffs for the service. This may be higher or lower than the total unit cost due to the allocation of subsidies, requirement for surpluses and allowance for deficits.

	(R)
Total expenditure	54 541 073
Deficit generated on solid waste	1 090 821
Surplus generated on solid waste	-
Expenditure minus deficit plus surplus	53 450 251
Operating grants and transfers	16 416 830
Property rates revenue	-
Other income	57 765 727
Other service charges	52 821
Total non-tariff revenue	74 235 378
Revenue required from tariff	- 20 785 126
Average unit revenue required (R per customer per month)	- 99.94

SUMMARY: SOLID WASTE

Total unit cost (R per customer per month)	262.26
Average unit revenue required (R per customer per month)	- 99.94
Unit revenue required as % of cost	-38%

On this sheet, the user must enter data about the customers, demand and sales to each customer category within each service.

ENTER WATER CUSTOMER DATA

The user must provide a name for each customer category and indicate its classification from the grey drop down list in the next column. The user must then enter the number of customers in each category and the volumes sold to that category for the base year. By default, the tool uses the unit growth factors calculated on the '1 Customer data' sheet to estimate the number of customers and volumes sold in the year for which tariffs are set. If the user wishes to over-write these defaults, they can enter their own estimates of number of customers and volumes sold to each category in the year for which tariffs are set in the green cells.

There are checks provided at the bottom of the table. These check that the total number of customers and total volume of water sold in the year for which tariffs are being set align with the data previously entered on the '1 Customer data' sheet. Adjust your entries until all of these checks are zero.

Municipal customer name	Select standard customer classification	Number of customers 2026	Volume sold (kl pa) 2026	Default number of customers 2027	Customised number of customers 2027	Default volume sold (kl pa) 2027	Customised volume sold (kl pa) 2027	Average monthly sales (kl/customer/month)
WATER BASIES 20MM (BW01)	Domestic	9 979	1 837 832	10 079		1 856 210		15.3
IRRIGATION MUNICIPALITY	Domestic	179	1 624	181		1 640		0.8
WATER BASIES 32MM (BW03)	Domestic	14	5 391	14		5 445		32.1
WATER BASIES 50MM (BW04)	Domestic	28	80 506	28		81 311		239.6
WATER BASIES 25MM (BW05)	Domestic	169	55 435	171		55 989		27.3
PALINGGAT & STILWATERS 22266105&22267010&249017012 -20% (BW06)	Domestic	6	38 294	6		38 677		531.9
WATER BASIES 100MM (BW07)	Domestic	7	63 636	7		64 272		757.6
BASIC WATER 20% DISCOUNT (BW08)	Domestic	4	4 433	4		4 477		92.4
WATER BASIES 40MM (BW09)	Domestic	17	21 908	17		22 127		107.4
WATER BASIES 80MM (BW10)	Domestic	8	54 474	8		55 019		567.4
WATER INFORMELE BEHUISSING (BW16)	Domestic	569	23 250	575		23 483		3.4
DEELTITEL EENHEDE 20MM (BW17)	Domestic	238	13 042	240		13 172		4.6
PERSENEEL AMPTELKE WONINGS (BW18)	Domestic	11	211 074	11		213 185		1 599.0
BASIESE WATER SPORTKLUBS -50% (BW19)	Domestic	6	2 524	6		2 549		35.1
DEELTITEL EENHEDE 20MM -20% KORTING (BW20)	Domestic	6	6 428	6		6 492		89.3
WOONSTEL EENHEDE 20MM (BW21)	Domestic	14	6 104	14		6 165		36.3
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)	Domestic	1	462	1		467		38.5
PRIMERE WONING +1 (BW23)	Domestic	455	122 375	460		123 599		22.4
PRIMERE WONING +2 (BW24)	Domestic	22	6 940	22		7 009		26.3
PRIMERE WONING +3 (BW25)	Domestic	5	1 962	5		1 982		32.7
PRIMERE WONING +4 (BW26)	Domestic	1	730	1		737		60.8
AVAILABILITY FEES	Domestic	1 250	34	1 263		34		0.0
VERHUURBARE EENHEID +1 (BW29)	Commercial	71	29 424	72		29 718		34.5
VERHUURBARE EENHEID +2 (BW30)	Commercial	35	27 575	35		27 851		65.7
VERHUURBARE EENHEID +3 (BW31)	Commercial	20	9 468	20		9 563		39.5
VERHUURBARE EENHEID +4 (BW32)	Commercial	6	1 786	6		1 804		24.8
VERHUURBARE EENHEID +5 (BW33)	Commercial	5	5 122	5		5 173		85.4
VERHUURBARE EENHEID +6 (BW34)	Commercial	3	1 856	3		1 875		51.6
VERHUURBARE EENHEID +7 (BW35)	Commercial	2	2 106	2		2 127		87.8
GOURITS KARAVANPARK 100MM -47% REK 4002800020	Commercial	1	5 576	1		5 632		464.7
VERHUURBARE EENHEID +9 (BW37)	Commercial	1	376	1		380		31.3
VERHUURBARE EENHEID >9 (BW38)	Commercial	1	726	1		733		60.5
WATER BASIES VERHURINGS -50% (BW40)	Domestic	6	5 544	6		5 599		77.0
WATER BASIES VERHURINGS -75% (BW41)	Domestic	3	1 174	3		1 186		32.6
WATER BASIES VERHURINGS -100% (BW42)	Domestic	5	72	5		73		1.2
WATER BASIES 25MM -50% KORTING (BW43)	Domestic	1	842	1		850		70.2
GUEST ACCOMMODATION	Domestic	31	12 842	31		12 970		34.5
BASIES DEERNIS WATER (WA12)	Indigent	4 108	456 047	4 149		460 607		9.3
STAAT WATER	Institutional	616	169 189	622		170 881		22.9

WATER KOMMERSIEEL LAND EN BESIGHEDE	Commercial	6	4 766	6		4 814		66.2
Total		17 910	3 292 949	18 089	-	3 325 878	-	
check = 0		-	-	-		-		

ENTER SANITATION CUSTOMER DATA

The user must provide a name for each customer category and indicate its classification from the grey drop down list in the next column. The user must then enter the number of customers in each category and the volumes of water sold to that category for the base year. By default, the tool uses the unit growth factors calculated on the '1 Customer data' sheet to estimate the number of customers and volumes of water sold in the year for which tariffs are set. If the user wishes to over-write these defaults, they can enter their own estimates of number of customers and volumes sold to each category in the year for which tariffs are set in the green cells. The user must also enter the assumed return flow for each customer category.

There are checks provided at the bottom of the table. These check that the total number of customers and total volume of water sold in the year for which tariffs are being set align with the data previously entered on the '1 Customer data' sheet. Adjust your entries until all of these checks are zero.

Customer categories	Select customer category	Number of customers 2026	Volume of water sold (kl pa) 2026	Default number of customers 2027	Customised number of customers 2027	Default volume of water sold (kl pa) 2027	Customised volume of water sold (kl pa) 2027	Average % return flow	Volume of wastewater treated (kl pa) 2027
SUIGTENK BASIES 25MM WATERAANSLUITING (BS25)	Domestic	22		22		-			-
SUIGTENK BASIES 32MM WATERAANSLUITING (BS32)	Domestic	2		2		-			-
SUIGTENK BASIES 40MM WATERAANSLUITING (BS40)	Domestic	3		3		-			-
SUIGTENK BASIES 50MM WATERAANSLUITING (BS50)	Domestic	25		25		-			-
GUEST HOUSE 3-6 ROOMS	Domestic	5		5		-			-
VERHUURBARE EENHEID +1 (BSBE1)	Commercial	3		3		-			-
VERHUURBARE EENHEID >9 (BSBE10)	Commercial	1		1		-			-
VERHUURBARE EENHEID +2 (BSBE2)	Commercial	3		3		-			-
VACUUM TANK BASIC ALBERTINIA	Commercial	1 688		1 705		-			-
DEELTITEL EENHEDE (BSDE1)	Domestic	36		36		-			-
PERSONEEL AMPTELIKE WONINGS	Domestic	2		2		-			-
PRIMERE WONING +1	Domestic	77		78		-			-
PRIMERE WONING +2	Domestic	4		4		-			-
PRIMERE WONING +3	Domestic	2		2		-			-
GUEST LODGE 7-12 ROOMS	Domestic	1		1		-			-
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKLUBS -50%	Commercial	4		4		-			-
SUIGTENK BASIES 15% KORTING	Domestic	1		1		-			-
SUIGTENK VERHURINGS -100%	Domestic	2		2		-			-
SUIGTENK VERHURINGS -50%	Domestic	2		2		-			-
WOONSTEL EENHEDE	Domestic	3		3		-			-
SUIGTENK DEPARTEMENTEEL	Domestic	11		11		-			-
RIOOL 20MM	Domestic	12 774		12 902		-			-
RIOOL GROOTMAAT 15% KORTING	Domestic	6		6		-			-
RIOOL 40MM	Domestic	8		8		-			-
RIOOL 25MM	Domestic	108		109		-			-
RIOOL 50MM	Domestic	21		21		-			-
RIOOL 32MM	Domestic	10		10		-			-
RIOOL 80MM & OAKDALE	Domestic	8		8		-			-
RIOOL INFORMELE BEHUISING	Domestic	602		608		-			-
PERSONEEL AMPTELIKE WONINGS	Domestic	10		10		-			-
RIOOL ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Commercial	4		4		-			-
DEELTITEL EENHEDE 20MM	Domestic	240		242		-			-
DEELTITEL EENHEDE 20MM -15% KORTING	Domestic	23		23		-			-
WOONSTEL EENHEDE 20MM	Domestic	6		6		-			-
WOONSTEL EENHEDE 20MM -15% KORTING	Domestic	1		1		-			-
PRIMERE WONING +1	Domestic	373		377		-			-
PRIMERE WONING +2	Domestic	14		14		-			-
PRIMERE WONING +3	Domestic	4		4		-			-
VERHUURBARE EENHEID +1	Commercial	47		47		-			-
VERHUURBARE EENHEID +2	Commercial	25		25		-			-
VERHUURBARE EENHEID +3	Commercial	16		16		-			-

VERHUURBARE EENHEID +4	Commercial	3		3		-			-
VERHUURBARE EENHEID +5	Commercial	3		3		-			-
VERHUURBARE EENHEID +6	Commercial	3		3		-			-
VERHUURBARE EENHEID +7	Commercial	2		2		-			-
VERHUURBARE EENHEID +8	Commercial	20		20		-			-
VERHUURBARE EENHEID +9	Commercial	1		1		-			-
RIOOL VERHURINGS -50%	Domestic	3		3		-			-
RIOOL VERHURINGS -75%	Domestic	3		3		-			-
RIOOL VERHURINGS -100%	Domestic	3		3		-			-
RIOOL DEPARTEMENTEEL	Domestic	56		57		-			-
Total		16 294	-	16 457	-	-	-	-	-
check = 0		-	-	-	-	-	-	-	-

ENTER ELECTRICITY CUSTOMER DATA

The user must provide a name for each customer category and indicate its classification from the grey drop down list in the next column. The user must then enter the number of customers in each category, the volumes of electricity sold to that category and the maximum kVA demand for the category (if the latter is available) for the base year. By default, the tool uses the unit growth factors calculated on the '1 Customer data' sheet to estimate the number of customers, volumes of electricity sold and maximum kVA demand in the year for which tariffs are set. If the user wishes to over-write these defaults, they can enter their own estimates of number of customers, volumes sold and kVA demand by each category in the year for which tariffs are set in the green cells.

There are checks provided at the bottom of the table. These check that the total number of customers and total volume of water sold in the year for which tariffs are being set align with the data previously entered on the '1 Customer data' sheet. Adjust your entries until all of these checks are zero.

Customer categories	Select customer category	Number of customers 2026	Volume sold (kVA) 2026	Maximum demand (kVA) 2026	Default number of customers 2027	Customised number of customers 2027	Default volume sold (kWh pa) 2027	Customised volume sold (kWh pa) 2027	Default maximum demand (kVA) 2027	Customised maximum demand (kVA) 2027
A01 SINGLE PHASE INDIGENT (50 BSST)	Indigent	4 657	9 343 369		4 704		9 436 803		-	
A04 SINGLE PHASE <150KWH 33-63Amps	Domestic	39	61 014		39		61 624		-	
A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps	Domestic	2 855	5 808 562		2 884		5 866 647		-	
B01 NI SINGLE PHASE 0-32Amps	Domestic	4 806	3 285 252		4 854		3 318 105		-	
B03 NI SINGLE PHASE 33-63Amps	Domestic	2 396	13 814 429		2 420		13 952 573		-	
B05 NI THREE PHASE 0-32Amps	Domestic	4	30 142		4		30 444		-	
B07 NI THREE PHASE 33-63Amps	Domestic	11	93 900		11		94 839		-	
D01 MUNICIPAL FACILITIES - RENTALS (EL 32)	Domestic	74	29 088		75		29 379		-	
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)	Domestic	2	9 966		2		10 065		-	
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	68	326 093		69		329 354		-	
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	165	1 812 263		167		1 830 386		-	
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	360	1 697		364		1 714		-	
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	8	212 401		8		214 525		-	
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	44	1 215 198		44		1 227 350		-	
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	3	272 731		3		275 459		-	
ELECTRICITY 71-500 KVA RIVERSDALE MUNICIPALITY	Commercial	34	2 352 852	13529.6	34		2 376 380		13 529.60	
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	126	1 735 926		127		1 753 285		-	
ELECTRICITY STREET LIGHTS	Commercial	229	717 420		231		724 594		-	
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	1	53 816		1		54 354		-	
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	1	103 898		1		104 937		-	
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)	Commercial	186	565 356		188		571 010		-	
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)	Domestic	2653	10 773 652		2 680		10 881 389		-	
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHD32)	Domestic	7	47 710		7		48 187		-	
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHD63)	Domestic	50	532 506		51		537 831		-	
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)	Commercial	27	91 036		27		91 946		-	
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)	Commercial	84	901 442		85		910 456		-	
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)	Commercial	12	126 416		12		127 680		-	
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)	Commercial	160	5 309 138		162		5 362 229		-	
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)	Commercial	63	2 835 138		64		2 863 489		-	
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	4	801 494		4		809 509		-	
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	138	13 151 394	50880	139		13 282 908		50 880.00	
AGRICULTURAL CONSUMERS <25kVA (BE09)	Industrial	42	1 822 027	25440	42		1 840 247		25 440.00	
AGRICULTURAL CONSUMERS 25kVA - 50kVA (BE10)	Industrial	22	901 386		22		910 400		-	

AGRICULTURAL CONSUMERS 51kVA - 100kVA (BE11)	Industrial	10	1 060 186		10		1 070 788		-	
ELECTRICITY PREPAID COMMERCIAL	Domestic				-		-		-	
ELECTRICITY DOMESTIC PREPAID MONTHLY	Domestic				-		-		-	
	Industrial				-		-		-	
Total		19 341	80 198 899	89 849.60	19 534	-	81 000 888	-	89 849.60	-
check = 0		-	0	89 849.60	-		0		89 849.60	

ENTER SOLID WASTE CUSTOMER DATA

The user must provide a name for each customer category and indicate its classification from the grey drop down list in the next column. The user must then enter the number of customers in each category for the base year. By default, the tool uses the unit growth factors calculated on the '1 Customer data' sheet to estimate the number of customers in the year for which tariffs are set. If the user wishes to over-write these defaults, they can enter their own estimates of number of customers in each category in the year for which tariffs are set in the green cells.

There are checks provided at the bottom of the table. These check that the total number of customers and total volume of water sold in the year for which tariffs are being set align with the data previously entered on the '1 Customer data' sheet. Adjust your entries until all of these checks are zero.

Customer categories	Select customer category	Number of customers 2026	Default number of customers 2027	Customised number of customers 2027
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	13 762	13 900	
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	405	409	
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK	Domestic	24	24	
VULLIS RESIDENSIEEL 20% KORTING	Domestic	176	178	
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK	Domestic	4	4	
VULLIS INFORMELE BEHUISING	Domestic	596	602	
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	Domestic	2	2	
PERSENEEL AMPTELIEKE WONINGS	Domestic	11	11	
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Domestic	7	7	
PRIMERE WONING +1	Domestic	453	458	
PRIMERE WONING +2	Domestic	22	22	
PRIMERE WONING +3	Domestic	4	4	
PRIMERE WONING +4	Domestic	1	1	
PRIMERE WONING +5	Domestic	1	1	
DEELTITEL BESIGHEID	Commercial	54	55	
besigheid VERHUURBARE EENHEID +1	Commercial	69	70	
besigheid VERHUURBARE EENHEID +2	Commercial	38	38	
besigheid VERHUURBARE EENHEID +3	Commercial	19	19	
besigheid VERHUURBARE EENHEID +4	Commercial	4	4	
besigheid VERHUURBARE EENHEID +5	Commercial	5	5	
besigheid VERHUURBARE EENHEID +6	Commercial	3	3	
besigheid VERHUURBARE EENHEID +7	Commercial	2	2	
besigheid VERHUURBARE EENHEID +8	Commercial	1	1	
besigheid VERHUURBARE EENHEID +9	Commercial	1	1	
besigheid VERHUURBARE EENHEID >9	Commercial	1	1	
besigheid VERHUURBARE EENHEID >9 sentrale kolleksie punt 20% k	Commercial	-	-	
Duet units	Domestic	-	-	
Guest accomodation / B&B 1-2 guest rooms	Commercial	-	-	
Guest accomodation / GUEST HOUSE 3-6 guest rooms	Commercial	19	19	
Guest accomodation /GUEST LODGE 7-12 guest rooms	Commercial	3	3	
Guest accomodation /HOTEL 13-20 guest rooms	Commercial	4	4	
Tourist accomodatioin buss or comm unit within holiday development	Commercial	-	-	
DEELTITEL EENHEDE 1 VERWYDERING/WEEK	Commercial	113	114	
DEELTITEL EENHEDE -20% KORTING	Commercial	135	136	
WOONSTEL EENHEDE NIE DEELTITEL 1 VERWYD/WEEK	Domestic	13	13	
WOONSTEL EENHEDE (NIE BLOK) -20% KORTING	Domestic	1	1	
VULLIS VERHURINGS -50%	Domestic	3	3	
COMMUNITY AND PBO -75%	Commercial	-	-	

VULLIS DEELTITEL BESIGHEDE -20%	Domestic	4	4	
VULLIS VERHURINGS -100%	Domestic	4	4	
VULLIS VERHURINGS RF01 -75%	Domestic	3	3	
VULLIS VERHURINGS RF01 -50%	Domestic	8	8	
VULLIS LANDELIK RESIDENSIEEL	Domestic	1 075	1 086	
VULLIS LANDELIK KOMMERSIEEL	Commercial	35	35	
HUUR VAN GROND VIR MASSAVULLISHOUER 9927500700 -100%	Domestic	1	1	
VULLIS TOERISTE AKKOMMODASIE	Domestic	1	1	
RESIDENTIAL RURAL YEARLY	Domestic		-	
COMMERCIAL RURAL YEARLY	Domestic		-	
VULLIS LANDELIK RESIDENSIEEL -20%	Domestic	5	5	
VULLIS LANDELIK KOMMERSIEEL -20%	Commercial	2	2	
RESIDENTIAL -20% RURAL YEARLY	Domestic	1	1	
VULLIS DEPARTEMENTEEL	Domestic	55	56	
VULLIS DEPARTEMENTEEL MAKSIMUM 3 VERWYDERINGS/WEEK	Domestic	6	6	
VULLIS DEPARTEMENTEEL - MUN WERKERS	Domestic	3	3	
Total		17 159	17 331	-
check = 0		-	-	

This sheet calculates the average cost per unit and the average revenue required per unit for each water service customer category.

CALCULATION OF AVERAGE UNIT COSTS PER CUSTOMER CATEGORY

The tool allocates variable costs between customer categories based on volumes of water sold to each category. By default, the tool allocates fixed costs between customers also based on volumes of water sold to the category. The user can choose to allocate fixed costs based on number of customers by selecting "% of customers" from the green drop down list.

Allocation of fixed costs
Allocation of variable costs

% volume sold
% volume sold

Municipal customer name	Standard customer classification	% of fixed costs allocated to customer category	% of variable costs allocated to customer category	Fixed Costs (R)	Variable Costs (R)	Total (R)	Fixed cost (R per customer/ month)	Variable cost (R per kl sold)	Total cost (R per kl sold)
WATER BASIES 20MM (BW01)	Domestic	56%	56%	-	35 688 776	35 688 776	-	19.23	19.23
IRRIGATION MUNICIPALITY	Domestic	0%	0%	-	31 536	31 536	-	19.23	19.23
WATER BASIES 32MM (BW03)	Domestic	0%	0%	-	104 688	104 688	-	19.23	19.23
WATER BASIES 50MM (BW04)	Domestic	2%	2%	-	1 563 342	1 563 342	-	19.23	19.23
WATER BASIES 25MM (BW05)	Domestic	2%	2%	-	1 076 490	1 076 490	-	19.23	19.23
PALINGGAT & STILWATERS 22266105&22267010&249017012	Domestic	1%	1%	-	743 629	743 629	-	19.23	19.23
WATER BASIES 100MM (BW07)	Domestic	2%	2%	-	1 235 745	1 235 745	-	19.23	19.23
BASIC WATER 20% DISCOUNT (BW08)	Domestic	0%	0%	-	86 084	86 084	-	19.23	19.23
WATER BASIES 40MM (BW09)	Domestic	1%	1%	-	425 430	425 430	-	19.23	19.23
WATER BASIES 80MM (BW10)	Domestic	2%	2%	-	1 057 828	1 057 828	-	19.23	19.23
WATER INFORMELE BEHUISING (BW16)	Domestic	1%	1%	-	451 491	451 491	-	19.23	19.23
DELTITEL EENHEDE 20MM (BW17)	Domestic	0%	0%	-	253 262	253 262	-	19.23	19.23
PERSONEEL AMPTELIKE WONINGS (BW18)	Domestic	6%	6%	-	4 098 836	4 098 836	-	19.23	19.23
BASIESE WATER SPORTKLUBS -50% (BW19)	Domestic	0%	0%	-	49 013	49 013	-	19.23	19.23
DELTITEL EENHEDE 20MM -20% KORTING (BW20)	Domestic	0%	0%	-	124 825	124 825	-	19.23	19.23
WOONSTEL EENHEDE 20MM (BW21)	Domestic	0%	0%	-	118 533	118 533	-	19.23	19.23
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)	Domestic	0%	0%	-	8 972	8 972	-	19.23	19.23
PRIMERE WONING +1 (BW23)	Domestic	4%	4%	-	2 376 395	2 376 395	-	19.23	19.23
PRIMERE WONING +2 (BW24)	Domestic	0%	0%	-	134 768	134 768	-	19.23	19.23
PRIMERE WONING +3 (BW25)	Domestic	0%	0%	-	38 100	38 100	-	19.23	19.23
PRIMERE WONING +4 (BW26)	Domestic	0%	0%	-	14 176	14 176	-	19.23	19.23
AVAILABILITY FEES	Domestic	1%	1%	-	571 383	571 383	-	19.23	19.23
VERHUURBARE EENHEID +1 (BW29)	Commercial	1%	1%	-	535 478	535 478	-	19.23	19.23
VERHUURBARE EENHEID +2 (BW30)	Commercial	0%	0%	-	183 859	183 859	-	19.23	19.23
VERHUURBARE EENHEID +3 (BW31)	Commercial	0%	0%	-	34 682	34 682	-	19.23	19.23
VERHUURBARE EENHEID +4 (BW32)	Commercial	0%	0%	-	99 464	99 464	-	19.23	19.23
VERHUURBARE EENHEID +5 (BW33)	Commercial	0%	0%	-	36 042	36 042	-	19.23	19.23
VERHUURBARE EENHEID +6 (BW34)	Commercial	0%	0%	-	40 896	40 896	-	19.23	19.23
VERHUURBARE EENHEID +7 (BW35)	Commercial	0%	0%	-	108 280	108 280	-	19.23	19.23
GOURITS KARAVANPARK 100MM -47% REK 4002800020	Commercial	0%	0%	-	7 302	7 302	-	19.23	19.23
VERHUURBARE EENHEID +9 (BW37)	Commercial	0%	0%	-	14 098	14 098	-	19.23	19.23
VERHUURBARE EENHEID +9 (BW38)	Commercial	0%	0%	-	107 659	107 659	-	19.23	19.23
WATER BASIES VERHUURINGS -50% (BW40)	Domestic	0%	0%	-	22 798	22 798	-	19.23	19.23
WATER BASIES VERHUURINGS -75% (BW41)	Domestic	0%	0%	-	1 398	1 398	-	19.23	19.23
WATER BASIES VERHUURINGS -100% (BW42)	Domestic	0%	0%	-	16 351	16 351	-	19.23	19.23
WATER BASIES 25MM -50% KORTING (BW43)	Domestic	0%	0%	-	249 378	249 378	-	19.23	19.23
GUEST ACCOMMODATION	Domestic	14%	14%	-	8 855 956	8 855 956	-	19.23	19.23
BASIES DEERNIS WATER (WA12)	Indigent	5%	5%	-	3 285 474	3 285 474	-	19.23	19.23
STAAT WATER	Institutional	0%	0%	-	92 551	92 551	-	19.23	19.23
WATER KOMMERSIEEL LAND EN BESIGHEDE	Commercial	0%	0%	-	-	-	-	-	-
Total		78%	78%	-	49 667 744	49 667 744	-	14.93	14.93

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR NON-TARIFF REVENUE

In the "Revenue" and "Revenue required" sheets, non-tariff revenue sources were allocated between services. User must now allocate any non-tariff revenue allocated to the water service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate the non-tariff revenue (property rates revenue, other income and other service charges) in proportion to the total expenditure on each customer category. User can over-write defaults by making entries in the blank green cells adjacent to those containing the default allocations.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the relevant revenues between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure (R)	Default allocation of property rates revenue (R)	Customised allocation of property rates revenue (R)	Default allocation of other income (R)	Customised allocation of other income (R)	Default allocation of other service charges (R)	Customised allocation of other service charges (R)	Total expenditure adjusted for non-tariff revenue (R)
		49 667 744	-		73 235 422		3 761 934.00	-	27 329 612
WATER BASIES 20MM (BW01)	Domestic	35 688 776	-		52 623 340		2 703 139.11	-	19 637 703
IRRIGATION MUNICIPALITY	Domestic	31 536	-		46 501		2 388.63	-	17 353
WATER BASIES 32MM (BW03)	Domestic	104 688	-		154 363		7 929.25	-	57 604
WATER BASIES 50MM (BW04)	Domestic	1 563 342	-		2 305 159		118 410.67	-	860 227
WATER BASIES 25MM (BW05)	Domestic	1 076 490	-		1 587 291		81 535.48	-	592 337
PALINGGAT & STILWATERS 22266105&22267010&249017012	Domestic	743 629	-		1 096 487		56 323.98	-	409 181
WATER BASIES 100MM (BW07)	Domestic	1 235 745	-		1 822 114		93 597.76	-	679 967
BASIC WATER 20% DISCOUNT (BW08)	Domestic	86 084	-		126 932		6 520.19	-	47 368
WATER BASIES 40MM (BW09)	Domestic	425 430	-		623 300		32 222.95	-	234 093
WATER BASIES 80MM (BW10)	Domestic	1 057 828	-		1 559 775		80 122.01	-	582 069
WATER INFORMELE BEHUISING (BW16)	Domestic	451 491	-		665 726		34 196.81	-	248 432
DELTITEL EENHEDE 20MM (BW17)	Domestic	253 262	-		373 437		19 182.57	-	139 357
PERSONEEL AMPTELIKE WONINGS (BW18)	Domestic	4 098 836	-		6 043 762		310 454.05	-	2 255 379
BASIESE WATER SPORTKLUBS -50% (BW19)	Domestic	49 013	-		72 271		3 712.38	-	26 970
DELTITEL EENHEDE 20MM -20% KORTING (BW20)	Domestic	124 825	-		184 055		9 454.50	-	68 685
WOONSTEL EENHEDE 20MM (BW21)	Domestic	118 533	-		174 778		8 977.95	-	65 223
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)	Domestic	8 972	-		13 229		679.52	-	4 937
PRIMERE WONING +1 (BW23)	Domestic	2 376 395	-		3 504 010		179 992.87	-	1 307 608
PRIMERE WONING +2 (BW24)	Domestic	134 768	-		198 716		10 207.56	-	74 156
PRIMERE WONING +3 (BW25)	Domestic	38 100	-		56 179		2 885.77	-	20 964
PRIMERE WONING +4 (BW26)	Domestic	14 176	-		20 902		1 073.71	-	7 800
AVAILABILITY FEES	Domestic	571 383	-		842 509		43 277.71	-	314 403
VERHUURBARE EENHEID +1 (BW29)	Commercial	535 478	-		789 565		40 558.15	-	294 646
VERHUURBARE EENHEID +2 (BW30)	Commercial	183 859	-		271 101		13 925.82	-	101 168
VERHUURBARE EENHEID +3 (BW31)	Commercial	34 682	-		51 139		2 626.90	-	19 084
VERHUURBARE EENHEID +4 (BW32)	Commercial	99 464	-		146 660		7 533.59	-	54 730
VERHUURBARE EENHEID +5 (BW33)	Commercial	36 042	-		53 144		2 729.86	-	19 832
VERHUURBARE EENHEID +6 (BW34)	Commercial	40 896	-		60 302		3 097.57	-	22 503
VERHUURBARE EENHEID +7 (BW35)	Commercial	108 280	-		159 660		8 201.35	-	59 581
GOURITS KARAVANPARK 100MM -47% REK 4002800020	Commercial	7 302	-		10 766		553.03	-	4 018
VERHUURBARE EENHEID +9 (BW37)	Commercial	14 098	-		20 788		1 067.82	-	7 757
VERHUURBARE EENHEID +9 (BW38)	Commercial	107 659	-		158 743		8 154.28	-	59 239
WATER BASIES VERHUURINGS -50% (BW40)	Domestic	22 798	-		33 616		1 726.75	-	12 544
WATER BASIES VERHUURINGS -75% (BW41)	Domestic	1 398	-		2 062		105.90	-	769
WATER BASIES VERHUURINGS -100% (BW42)	Domestic	16 351	-		24 109		1 238.44	-	8 997
WATER BASIES 25MM -50% KORTING (BW43)	Domestic	249 378	-		367 710		18 888.40	-	137 220
GUEST ACCOMMODATION	Domestic	8 855 956	-		13 058 167		670 767.78	-	4 872 978
BASIES DEERNIS WATER (WA12)	Indigent	3 285 474	-		4 844 453		248 848.32	-	1 807 828
STAAT WATER	Institutional	92 551	-		136 467		7 009.98	-	50 926
WATER KOMMERSIEEL LAND EN BESIGHEDE	Commercial	-	-		-		-	-	-
check=0									

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR OPERATING GRANTS AND SUBSIDIES

In the "Revenue" and "Revenue required" sheets, external operating grants and subsidies were allocated between services. The user must now allocate any external operating grants and subsidies that were allocated to the water service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate operating grants and subsidies first to any categories identified as indigent. If there are no indigent customer categories, the default is to allocate external operating grants and subsidies to domestic customer categories. The user can choose a different allocation by entering values in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for non-tariff revenue (R)	Default allocation of operating grants and subsidies (R)	Customised allocation of operating grants and subsidies (R)	Total expenditure adjusted for operating grants and subsidies (R)
		- 27 329 612	17 683 910	-	45 013 522
WATER BASIES 20MM (BW01)	Domestic	- 19 637 703	12 706 780	-	32 344 483
IRRIGATION MUNICIPALITY	Domestic	- 17 353	11 228	-	28 581
WATER BASIES 32MM (BW03)	Domestic	- 57 604	37 273	-	94 878
WATER BASIES 50MM (BW04)	Domestic	- 860 227	556 619	-	1 416 846
WATER BASIES 25MM (BW05)	Domestic	- 592 337	383 278	-	975 615
PALINGGAT & STILWATERS 22266105&22267010&249017012	Domestic	- 409 181	264 765	-	673 946
WATER BASIES 100MM (BW07)	Domestic	- 679 967	439 980	-	1 119 947
BASIC WATER 20% DISCOUNT (BW08)	Domestic	- 47 368	30 650	-	78 018
WATER BASIES 40MM (BW09)	Domestic	- 234 093	151 472	-	385 565
WATER BASIES 80MM (BW10)	Domestic	- 582 069	376 634	-	958 702
WATER INFORMELE BEHUISING (BW16)	Domestic	- 248 432	160 751	-	409 183
DELTITEL EENHEDE 20MM (BW17)	Domestic	- 139 357	90 172	-	229 530
PERSONEEL AMPTELKE WONINGS (BW18)	Domestic	- 2 255 379	1 459 367	-	3 714 746
BASIESE WATER SPORTKLUBS -50% (BW19)	Domestic	- 26 970	17 451	-	44 421
DELTITEL EENHEDE 20MM -20% KORTING (BW20)	Domestic	- 68 685	44 443	-	113 128
WOONSTEL EENHEDE 20MM (BW21)	Domestic	- 65 223	42 203	-	107 426
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)	Domestic	- 4 937	3 194	-	8 131
PRIMERE WONING +1 (BW23)	Domestic	- 1 307 608	846 101	-	2 153 709
PRIMERE WONING +2 (BW24)	Domestic	- 74 156	47 983	-	122 139
PRIMERE WONING +3 (BW25)	Domestic	- 20 964	13 565	-	34 530
PRIMERE WONING +4 (BW26)	Domestic	- 7 800	5 047	-	12 847
AVAILABILITY FEES	Domestic	- 314 403	203 438	-	517 841
VERHUURBARE EENHEID +1 (BW29)	Commercial	- 294 646	-	-	294 646
VERHUURBARE EENHEID +2 (BW30)	Commercial	- 101 168	-	-	101 168
VERHUURBARE EENHEID +3 (BW31)	Commercial	- 19 084	-	-	19 084
VERHUURBARE EENHEID +4 (BW32)	Commercial	- 54 730	-	-	54 730
VERHUURBARE EENHEID +5 (BW33)	Commercial	- 19 832	-	-	19 832
VERHUURBARE EENHEID +6 (BW34)	Commercial	- 22 503	-	-	22 503
VERHUURBARE EENHEID +7 (BW35)	Commercial	- 59 581	-	-	59 581
GOURITS KARAVANPARK 100MM -47% REK 4002800020	Commercial	- 4 018	-	-	4 018
VERHUURBARE EENHEID +9 (BW37)	Commercial	- 7 757	-	-	7 757
VERHUURBARE EENHEID >9 (BW38)	Commercial	- 59 239	-	-	59 239
WATER BASIES VERHURINGS -50% (BW40)	Domestic	- 12 544	8 117	-	20 662
WATER BASIES VERHURINGS -75% (BW41)	Domestic	- 769	498	-	1 267
WATER BASIES VERHURINGS -100% (BW42)	Domestic	- 8 997	5 822	-	14 819
WATER BASIES 25MM -50% KORTING (BW43)	Domestic	- 137 220	88 790	-	226 010
GUEST ACCOMMODATION	Domestic	- 4 872 978	3 153 111	-	8 026 090
BASIES DEERNIS WATER (WA12)	Indigent	- 1 807 828	-	-	-
STAAT WATER	Institutional	- 50 926	-	-	50 926
check=0		-	-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ALLOCATING SURPLUSES AND DEFICITS

In the "Surplus" sheet, the user specified whether they are willing to accept a deficit or whether a surplus must be generated on a service. If a deficit is accepted or a surplus is generated on the service, the user must now use this table to specify on which customer categories the deficit or surplus will be generated. By default, the model assumes that deficits will be generated first on indigent customers and then on domestic customers. By default, the model distributes the surplus evenly across all categories not identified as Indigent. The user can over-write these defaults by making entries in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for operating grants and subsidies (R)	Default allocation of deficit accepted on water service (R)	Customised allocation of deficit accepted on water service (R)	Default allocation of surplus generated on water service (R)	Customised allocation of surplus generated on water service (R)	Total expenditure adjusted for surplus or deficit on service (R)
		- 45 013 522	1 278 912.55	-	-	-	46 292 434
WATER BASIES 20MM (BW01)	Domestic	- 32 344 483	918 963		-		33 263 446
IRRIGATION MUNICIPALITY	Domestic	- 28 581	812		-		29 393
WATER BASIES 32MM (BW03)	Domestic	- 94 878	2 696		-		97 573
WATER BASIES 50MM (BW04)	Domestic	- 1 416 846	40 255		-		1 457 101
WATER BASIES 25MM (BW05)	Domestic	- 975 615	27 719		-		1 003 334
PALINGGAT & STILWATERS 22266105&22267010&249017012	Domestic	- 673 946	19 148		-		693 094
WATER BASIES 100MM (BW07)	Domestic	- 1 119 947	31 820		-		1 151 766
BASIC WATER 20% DISCOUNT (BW08)	Domestic	- 78 018	2 217		-		80 234
WATER BASIES 40MM (BW09)	Domestic	- 385 565	10 955		-		396 519
WATER BASIES 80MM (BW10)	Domestic	- 958 702	27 238		-		985 940
WATER INFORMELE BEHUISING (BW16)	Domestic	- 409 183	11 626		-		420 808
DELTITEL EENHEDE 20MM (BW17)	Domestic	- 229 530	6 521		-		236 051
PERSONEEL AMPTELKE WONINGS (BW18)	Domestic	- 3 714 746	105 542		-		3 820 289
BASIESE WATER SPORTKLUBS -50% (BW19)	Domestic	- 44 421	1 262		-		45 683
DELTITEL EENHEDE 20MM -20% KORTING (BW20)	Domestic	- 113 128	3 214		-		116 342
WOONSTEL EENHEDE 20MM (BW21)	Domestic	- 107 426	3 052		-		110 478
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)	Domestic	- 8 131	231		-		8 362
PRIMERE WONING +1 (BW23)	Domestic	- 2 153 709	61 191		-		2 214 900
PRIMERE WONING +2 (BW24)	Domestic	- 122 139	3 470		-		125 609
PRIMERE WONING +3 (BW25)	Domestic	- 34 530	981		-		35 511
PRIMERE WONING +4 (BW26)	Domestic	- 12 847	365		-		13 212
AVAILABILITY FEES	Domestic	- 517 841	14 713		-		532 553
VERHUURBARE EENHEID +1 (BW29)	Commercial	- 294 646	-		-		294 646
VERHUURBARE EENHEID +2 (BW30)	Commercial	- 101 168	-		-		101 168
VERHUURBARE EENHEID +3 (BW31)	Commercial	- 19 084	-		-		19 084
VERHUURBARE EENHEID +4 (BW32)	Commercial	- 54 730	-		-		54 730
VERHUURBARE EENHEID +5 (BW33)	Commercial	- 19 832	-		-		19 832
VERHUURBARE EENHEID +6 (BW34)	Commercial	- 22 503	-		-		22 503
VERHUURBARE EENHEID +7 (BW35)	Commercial	- 59 581	-		-		59 581
GOURITS KARAVANPARK 100MM -47% REK 4002800020	Commercial	- 4 018	-		-		4 018
VERHUURBARE EENHEID +9 (BW37)	Commercial	- 7 757	-		-		7 757
VERHUURBARE EENHEID >9 (BW38)	Commercial	- 59 239	-		-		59 239
WATER BASIES VERHURINGS -50% (BW40)	Domestic	- 20 662	587		-		21 249
WATER BASIES VERHURINGS -75% (BW41)	Domestic	- 1 267	36		-		1 303
WATER BASIES VERHURINGS -100% (BW42)	Domestic	- 14 819	421		-		15 240
WATER BASIES 25MM -50% KORTING (BW43)	Domestic	- 226 010	6 421		-		232 431
GUEST ACCOMMODATION	Domestic	- 8 026 090	228 035		-		8 254 125
BASIES DEERNIS WATER (WA12)	Indigent	-	-		-		-
STAAT WATER	Institutional	- 50 926	-		-		50 926
check=0		-	-		-		-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ALLOWING FOR CROSS SUBSIDISATION BETWEEN CUSTOMERS								
The user must now use this table to specify any additional cross-subsidisation that is to take place between customer categories within the water service. The user must specify whether additional surpluses will be generated on any customer categories by entering %s in the grey cells. Surpluses are specified as % of expenditure. The user must then allocate any surpluses generated between the remaining customer categories. This is done by specifying what % of the surplus generated should be allocated to each customer category. The sum of any %s entered in the "Allocation of surplus" column must be 100%.								
Municipal customer name	Standard customer classification	Total expenditure adjusted for surplus or deficit on service (R)	Surplus generated per customer (%)	Allocation of surplus (%)		Revenue required from tariff (R)	Average revenue required (R per kl)	Total cost (R per kl sold)
Total		- 46 292 434	-	0%	-	- 46 292 434	- 13.92	14.93
WATER BASIES 20MM (BW01)	Domestic	- 33 263 446	-		-	- 33 263 446	- 17.92	19.23
IRRIGATION MUNICIPALITY	Domestic	- 29 393	-		-	- 29 393	- 17.92	19.23
WATER BASIES 32MM (BW03)	Domestic	- 97 573	-		-	- 97 573	- 17.92	19.23
WATER BASIES 50MM (BW04)	Domestic	- 1 457 101	-		-	- 1 457 101	- 17.92	19.23
WATER BASIES 25MM (BW05)	Domestic	- 1 003 334	-		-	- 1 003 334	- 17.92	19.23
PALINGGAT & STILWATERS 22266105&22267010&249017012	Domestic	- 693 094	-		-	- 693 094	- 17.92	19.23
WATER BASIES 100MM (BW07)	Domestic	- 1 151 766	-		-	- 1 151 766	- 17.92	19.23
BASIC WATER 20% DISCOUNT (BW08)	Domestic	- 80 234	-		-	- 80 234	- 17.92	19.23
WATER BASIES 40MM (BW09)	Domestic	- 396 519	-		-	- 396 519	- 70.41	19.23
WATER BASIES 80MM (BW10)	Domestic	- 985 940	-		-	- 985 940	- 2 596.22	19.23
WATER INFORMELE BEHUISING (BW16)	Domestic	- 420 808	-		-	- 420 808	- 573.89	19.23
DELTITEL EENHEDE 20MM (BW17)	Domestic	- 236 051	-		-	- 236 051	- 42.16	19.23
PERSONEEL AMPTELIKE WONINGS (BW18)	Domestic	- 3 820 289	-		-	- 3 820 289	- 8.29	19.23

BASIESE WATER SPORTKLUBS -50% (BW19)
DEELTITEL EENHEDE 20MM -20% KORTING (BW20)
WOONSTEL EENHEDE 20MM (BW21)
WOONSTEL EENHEDE 20MM -20% KORTING (BW22)
PRIMERE WONING +1 (BW23)
PRIMERE WONING +2 (BW24)
PRIMERE WONING +3 (BW25)
PRIMERE WONING +4 (BW26)
AVAILABILITY FEES
VERHUURBARE EENHEID +1 (BW29)
VERHUURBARE EENHEID +2 (BW30)
VERHUURBARE EENHEID +3 (BW31)
VERHUURBARE EENHEID +4 (BW32)
VERHUURBARE EENHEID +5 (BW33)
VERHUURBARE EENHEID +6 (BW34)
VERHUURBARE EENHEID +7 (BW35)
GOURITS KARAVANPARK 100MM -47% REK 4002800020
VERHUURBARE EENHEID +9 (BW37)
VERHUURBARE EENHEID +9 (BW38)
WATER BASIES VERHUURINGS -50% (BW40)
WATER BASIES VERHUURINGS -75% (BW41)
WATER BASIES VERHUURINGS -100% (BW42)
WATER BASIES 25MM -50% KORTING (BW43)
GUEST ACCOMMODATION
BASIES DEERNIS WATER (WA12)
STAAT WATER

check = 0

Domestic	-	45 683		-		-	45 683	-	0.27	19.23
Domestic	-	116 342		-		-	116 342	-		19.23
Domestic	-	110 478		-		-	110 478	-		19.23
Domestic	-	8 362		-		-	8 362	-		19.23
Domestic	-	2 214 900		-		-	2 214 900	-		19.23
Domestic	-	125 609		-		-	125 609	-		19.23
Domestic	-	35 511		-		-	35 511	-		19.23
Domestic	-	13 212		-		-	13 212	-		19.23
Domestic	-	532 553		-		-	532 553	-		19.23
Commercial	-	294 646		-		-	294 646	-		19.23
Commercial	-	101 168		-		-	101 168	-		19.23
Commercial	-	19 084		-		-	19 084	-		19.23
Commercial	-	54 730		-		-	54 730	-		19.23
Commercial	-	19 832		-		-	19 832	-		19.23
Commercial	-	22 503		-		-	22 503	-		19.23
Commercial	-	59 581		-		-	59 581	-		19.23
Commercial	-	4 018		-		-	4 018	-		19.23
Commercial	-	7 757		-		-	7 757	-		19.23
Commercial	-	59 239		-		-	59 239	-		19.23
Domestic	-	21 249		-		-	21 249	-		19.23
Domestic	-	1 303		-		-	1 303	-		19.23
Domestic	-	15 240		-		-	15 240	-		19.23
Domestic	-	232 431		-		-	232 431	-		19.23
Domestic	-	8 254 125		-		-	8 254 125	-		19.23
Indigent	-	-		-		-	-	-		19.23
Institutional	-	50 926		-		-	50 926	-		19.23

1.00

This sheet calculates the average cost per unit and the average revenue required per unit for each sanitation service customer category.

CALCULATION OF AVERAGE UNIT COSTS PER CUSTOMER CATEGORY

The tool allocates variable costs between customer categories based on volumes of wastewater treated for each category. By default, the tool allocates fixed costs between customers also based on volumes of wastewater treated for the category. The user can choose to allocate fixed costs based on number of customers by selecting '% of customers' from the green drop down list.

Allocation of fixed costs
Allocation of variable costs

% wastewater treated
% wastewater treated

Municipal customer name	Standard customer classification	% of fixed costs	% of variable costs	Fixed Costs (R)	Variable Costs (R)	Total (R)	Fixed cost (R per customer/month)	Variable cost (R per kl treated)	Total cost (R per kl treated)
SUIGTENK BASIES 25MM WATERAANSLUITING	Domestic	0%	0%	-	-	-	-	-	-
SUIGTENK BASIES 32MM WATERAANSLUITING	Domestic	0%	0%	-	-	-	-	-	-
SUIGTENK BASIES 40MM WATERAANSLUITING	Domestic	0%	0%	-	-	-	-	-	-
SUIGTENK BASIES 50MM WATERAANSLUITING	Domestic	0%	0%	-	-	-	-	-	-
GUEST HOUSE 3-6 ROOMS	#REF!	0%	0%	-	-	-	-	-	-
VERHUURBARE EENHEID +1 (BSBE1)	#REF!	0%	0%	-	-	-	-	-	-
VERHUURBARE EENHEID >9 (BSBE10)	#REF!	0%	0%	-	-	-	-	-	-
VERHUURBARE EENHEID +2 (BSBE2)	#REF!	0%	0%	-	-	-	-	-	-
VACUUM TANK BASIC ALBERTINIA	#REF!	0%	0%	-	-	-	-	-	-
DELTITTEL EENHEDE (BSDE1)	#REF!	0%	0%	-	-	-	-	-	-
PERSONEEL AMPTELIIKE WONINGS	#REF!	0%	0%	-	-	-	-	-	-
PRIMERE WONING +1	#REF!	0%	0%	-	-	-	-	-	-
PRIMERE WONING +2	#REF!	0%	0%	-	-	-	-	-	-
PRIMERE WONING +3	#REF!	0%	0%	-	-	-	-	-	-
GUEST LODGE 7-12 ROOMS	#REF!	0%	0%	-	-	-	-	-	-
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKL	#REF!	0%	0%	-	-	-	-	-	-
SUIGTENK BASIES 15% KORTING	#REF!	0%	0%	-	-	-	-	-	-
SUIGTENK VERHURINGS -100%	#REF!	0%	0%	-	-	-	-	-	-
SUIGTENK VERHURINGS -50%	#REF!	0%	0%	-	-	-	-	-	-
WOONSTEL EENHEDE	#REF!	0%	0%	-	-	-	-	-	-
Total		0%	0%	-	-	-	-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR NON-TARIFF REVENUE

In the "Revenue" and "Revenue required" sheets, non-tariff revenue sources were allocated between services. User must now allocate any non-tariff revenue allocated to the sanitation service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate the non-tariff revenue (property rates revenue, other income and other service charges) in proportion to the total expenditure on each customer category. User can over-write defaults by making entries in the blank green cells adjacent to those containing the default allocations.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the relevant revenues between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure (R)	Default allocation of property rates revenue (R)	Customised allocation of property rates revenue (R)	Default allocation of other income (R)	Customised allocation of other income (R)	Default allocation of other service charges (R)	Customised allocation of other service charges (R)	Total expenditure adjusted for non-tariff revenue (R)
		-	-	-	47 580 192	-	9 454 472.00	-	-
SUIGTENK BASIES 25MM WATERAANSLUITING	Domestic	-	-	-	-	-	-	-	-
SUIGTENK BASIES 32MM WATERAANSLUITING	Domestic	-	-	-	-	-	-	-	-
SUIGTENK BASIES 40MM WATERAANSLUITING	Domestic	-	-	-	-	-	-	-	-
SUIGTENK BASIES 50MM WATERAANSLUITING	Domestic	-	-	-	-	-	-	-	-
GUEST HOUSE 3-6 ROOMS	#REF!	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +1 (BSBE1)	#REF!	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID >9 (BSBE10)	#REF!	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +2 (BSBE2)	#REF!	-	-	-	-	-	-	-	-
VACUUM TANK BASIC ALBERTINIA	#REF!	-	-	-	-	-	-	-	-
DELTITTEL EENHEDE (BSDE1)	#REF!	-	-	-	-	-	-	-	-
PERSONEEL AMPTELIIKE WONINGS	#REF!	-	-	-	-	-	-	-	-
PRIMERE WONING +1	#REF!	-	-	-	-	-	-	-	-
PRIMERE WONING +2	#REF!	-	-	-	-	-	-	-	-
PRIMERE WONING +3	#REF!	-	-	-	-	-	-	-	-
GUEST LODGE 7-12 ROOMS	#REF!	-	-	-	-	-	-	-	-
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKL	#REF!	-	-	-	-	-	-	-	-
SUIGTENK BASIES 15% KORTING	#REF!	-	-	-	-	-	-	-	-
SUIGTENK VERHURINGS -100%	#REF!	-	-	-	-	-	-	-	-
SUIGTENK VERHURINGS -50%	#REF!	-	-	-	-	-	-	-	-
WOONSTEL EENHEDE	#REF!	-	-	-	-	-	-	-	-
check=0		-	-	-	47 580 192	-	9 454 472	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR OPERATING GRANTS AND SUBSIDIES

In the "Revenue" and "Revenue required" sheets, external operating grants and subsidies were allocated between services. The user must now allocate any external operating grants and subsidies that were allocated to the sanitation service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate operating grants and subsidies first to any categories identified as indigent. If there are no indigent customer categories, the default is to allocate external operating grants and subsidies to domestic customer categories. The user can choose a different allocation by entering values in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for non-tariff revenue (R)	Default allocation of operating grants and subsidies (R)	Customised allocation of operating grants and subsidies (R)	Total expenditure adjusted for operating grants and subsidies (R)
		-	15 329 619	-	#DIV/0!
SUIGTENK BASIES 25MM WATERAANSLUITING	Domestic	-	#DIV/0!	-	#DIV/0!
SUIGTENK BASIES 32MM WATERAANSLUITING	Domestic	-	#DIV/0!	-	#DIV/0!
SUIGTENK BASIES 40MM WATERAANSLUITING	Domestic	-	#DIV/0!	-	#DIV/0!
SUIGTENK BASIES 50MM WATERAANSLUITING	Domestic	-	#DIV/0!	-	#DIV/0!
GUEST HOUSE 3-6 ROOMS	#REF!	-	#REF!	-	#REF!
VERHUURBARE EENHEID +1 (BSBE1)	#REF!	-	#REF!	-	#REF!
VERHUURBARE EENHEID >9 (BSBE10)	#REF!	-	#REF!	-	#REF!
VERHUURBARE EENHEID +2 (BSBE2)	#REF!	-	#REF!	-	#REF!
VACUUM TANK BASIC ALBERTINIA	#REF!	-	#REF!	-	#REF!
DELTITTEL EENHEDE (BSDE1)	#REF!	-	#REF!	-	#REF!
PERSONEEL AMPTELIIKE WONINGS	#REF!	-	#REF!	-	#REF!
PRIMERE WONING +1	#REF!	-	#REF!	-	#REF!
PRIMERE WONING +2	#REF!	-	#REF!	-	#REF!
PRIMERE WONING +3	#REF!	-	#REF!	-	#REF!
GUEST LODGE 7-12 ROOMS	#REF!	-	#REF!	-	#REF!
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKL	#REF!	-	#REF!	-	#REF!
SUIGTENK BASIES 15% KORTING	#REF!	-	#REF!	-	#REF!
SUIGTENK VERHURINGS -100%	#REF!	-	#REF!	-	#REF!
SUIGTENK VERHURINGS -50%	#REF!	-	#REF!	-	#REF!
WOONSTEL EENHEDE	#REF!	-	#REF!	-	#REF!
check=0		-	#DIV/0!	-	#DIV/0!

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ALLOCATING SURPLUSES AND DEFICITS

In the "Surplus" sheet, the user specified whether they are willing to accept a deficit or whether a surplus must be generated on a service. If a deficit is accepted or a surplus is generated on the service, the user must now use this table to specify on which customer categories the deficit or surplus will be generated. By default, the model assumes that deficits will be generated first on indigent customers and then on domestic customers. By default, the model distributes the surplus evenly across all categories not identified as indigent. The user can over-write these defaults by making entries in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for operating grants and subsidies (R)	Default allocation of deficit accepted on sanitation service (R)	Customised allocation of deficit accepted on sanitation service (R)	Default allocation of surplus generated on sanitation service (R)	Customised allocation of surplus generated on sanitation service (R)	Total expenditure adjusted for surplus or deficit on service (R)
		#DIV/0!	1 017 040.62	-	-	-	#DIV/0!
SUIGTENK BASIES 25MM WATERAANSLUITING	Domestic	#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!
SUIGTENK BASIES 32MM WATERAANSLUITING	Domestic	#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!
SUIGTENK BASIES 40MM WATERAANSLUITING	Domestic	#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!
SUIGTENK BASIES 50MM WATERAANSLUITING	Domestic	#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!
GUEST HOUSE 3-6 ROOMS	#REF!	#REF!	#REF!		#REF!		#REF!
VERHUURBARE EENHEID +1 (BSBE1)	#REF!	#REF!	#REF!		#REF!		#REF!
VERHUURBARE EENHEID >9 (BSBE10)	#REF!	#REF!	#REF!		#REF!		#REF!
VERHUURBARE EENHEID +2 (BSBE2)	#REF!	#REF!	#REF!		#REF!		#REF!
VACUUM TANK BASIC ALBERTINIA	#REF!	#REF!	#REF!		#REF!		#REF!
DELTITTEL EENHEDE (BSDE1)	#REF!	#REF!	#REF!		#REF!		#REF!
PERSONEEL AMPTELIJK WONINGS	#REF!	#REF!	#REF!		#REF!		#REF!
PRIMERE WONING +1	#REF!	#REF!	#REF!		#REF!		#REF!
PRIMERE WONING +2	#REF!	#REF!	#REF!		#REF!		#REF!
PRIMERE WONING +3	#REF!	#REF!	#REF!		#REF!		#REF!
GUEST LODGE 7-12 ROOMS	#REF!	#REF!	#REF!		#REF!		#REF!
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKL	#REF!	#REF!	#REF!		#REF!		#REF!
SUIGTENK BASIES 15% KORTING	#REF!	#REF!	#REF!		#REF!		#REF!
SUIGTENK VERHUURINGS -100%	#REF!	#REF!	#REF!		#REF!		#REF!
SUIGTENK VERHUURINGS -50%	#REF!	#REF!	#REF!		#REF!		#REF!
WOONSTEL EENHEDE	#REF!	#REF!	#REF!		#REF!		#REF!
check=0		#DIV/0!	#DIV/0!		#DIV/0!		#DIV/0!

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR CROSS SUBSIDISATION BETWEEN CUSTOMERS

The user must now use this table to specify any additional cross-subsidisation that is to take place between customer categories within the sanitation service. The user must specify whether additional surpluses will be generated on any customer categories by entering %s in the grey cells. Surpluses are specified as % of expenditure. The user must then allocate any surpluses generated between the remaining customer categories. This is done by specifying what % of the surplus generated should be allocated to each customer category. The sum of any %s entered in the "Allocation of surplus" column must be 100%.

Municipal customer name	Standard customer classification	Total expenditure adjusted for surplus or deficit on service (R)	Surplus generated per customer (%)		Allocation of surplus (%)		Revenue required from tariff (R)	Average revenue required (R per kl treated)	Total cost (R per kl treated)
		#DIV/0!		-	0%	-	#DIV/0!	-	-
SUIGTENK BASIES 25MM WATERAANSLUITING	Domestic	#DIV/0!		-		-	#DIV/0!	-	-
SUIGTENK BASIES 32MM WATERAANSLUITING	Domestic	#DIV/0!		-		-	#DIV/0!	-	-
SUIGTENK BASIES 40MM WATERAANSLUITING	Domestic	#DIV/0!		-		-	#DIV/0!	-	-
SUIGTENK BASIES 50MM WATERAANSLUITING	Domestic	#DIV/0!		-		-	#DIV/0!	-	-
GUEST HOUSE 3-6 ROOMS	#REF!	#REF!		-		-	#REF!	-	-
VERHUURBARE EENHEID +1 (BSBE1)	#REF!	#REF!		-		-	#REF!	-	-
VERHUURBARE EENHEID >9 (BSBE10)	#REF!	#REF!		-		-	#REF!	-	-
VERHUURBARE EENHEID +2 (BSBE2)	#REF!	#REF!		-		-	#REF!	-	-
VACUUM TANK BASIC ALBERTINIA	#REF!	#REF!		-		-	#REF!	-	-
DELTITTEL EENHEDE (BSDE1)	#REF!	#REF!		-		-	#REF!	-	-
PERSONEEL AMPTELIJK WONINGS	#REF!	#REF!		-		-	#REF!	-	-
PRIMERE WONING +1	#REF!	#REF!		-		-	#REF!	-	-
PRIMERE WONING +2	#REF!	#REF!		-		-	#REF!	-	-
PRIMERE WONING +3	#REF!	#REF!		-		-	#REF!	-	-
GUEST LODGE 7-12 ROOMS	#REF!	#REF!		-		-	#REF!	-	-
BASIESE SUIGTENK ROLBAL EN ANDER SPORTKL	#REF!	#REF!		-		-	#REF!	-	-
SUIGTENK BASIES 15% KORTING	#REF!	#REF!		-		-	#REF!	-	-
SUIGTENK VERHUURINGS -100%	#REF!	#REF!		-		-	#REF!	-	-
SUIGTENK VERHUURINGS -50%	#REF!	#REF!		-		-	#REF!	-	-
WOONSTEL EENHEDE	#REF!	#REF!		-		-	#REF!	-	-
check = 0					1.00				

This sheet calculates the average cost per unit and the average revenue required per unit for each electricity service customer category.

CALCULATION OF AVERAGE UNIT COSTS PER CUSTOMER CATEGORY

The tool allocates fixed customer costs between customer categories based on the number of customers in each category. It allocates variable consumption/energy costs between customer categories based in the volume of electricity sold to each category. By default, the tool allocates fixed demand costs between customers also based on the maximum demand by each category. The user can choose to allocate fixed demand costs based on number of customers or volumes of energy sold by selecting '% of customers' or '% energy sold' from the green drop down list.

Municipal customer name	Standard customer classification	% of customer costs	% of energy costs	% of demand costs	Customer costs	Energy costs	Demand cost	Total	Customer cost (R per customer per month)	Consumption costs (R per kWh sold)	Demand cost (R per unit)	Total cost (R per kWh sold)
A01 SINGLE PHASE INDIGENT (50 B5ST)	Indigent	24%	12%	0%	8 245 535	22 350 806	-	30 596 341	146.09	2.37	-	3.24
A04 SINGLE PHASE <150KWH 33-63Amps	Domestic	0%	0%	0%	69 052	145 955	-	215 007	146.09	2.37	-	3.49
A10 SINGLE PHASE N1 (ALTERNATIVE) 0-32Amps	Domestic	15%	7%	0%	5 054 971	13 994 991	-	18 949 962	146.09	2.37	-	3.23
B01 N1 SINGLE PHASE 0-32Amps	Domestic	25%	4%	0%	8 509 350	7 858 839	-	16 368 189	146.09	2.37	-	4.93
B03 N1 SINGLE PHASE 33-63Amps	Domestic	12%	17%	0%	4 242 281	33 046 283	-	37 288 564	146.09	2.37	-	2.67
B05 N1 THREE PHASE 0-32Amps	Domestic	0%	0%	0%	7 082	72 405	-	79 487	146.09	2.37	-	2.60
B07 N1 THREE PHASE 33-63Amps	Domestic	0%	0%	0%	18 476	234 534	-	244 100	146.09	2.37	-	2.57
D01 MUNICIPAL FACILITIES - RENTALS (E1 32)	Domestic	0%	0%	0%	131 022	69 583	-	200 605	146.09	2.37	-	6.83
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (E1 31)	Domestic	0%	0%	0%	3 541	23 839	-	27 380	146.09	2.37	-	2.72
0 Domestic	0	0%	0%	0%	-	-	-	-	-	-	-	-
0 Domestic	0	0%	0%	0%	-	-	-	-	-	-	-	-
0 Domestic	0	0%	0%	0%	-	-	-	-	-	-	-	-
0 Domestic	0	0%	0%	0%	-	-	-	-	-	-	-	-
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	0%	0%	0%	120 399	780 066	-	900 465	146.09	2.37	-	2.73
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	1%	2%	0%	292 144	4 335 219	-	4 627 362	146.09	2.37	-	2.53
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	2%	0%	0%	637 404	4 060	-	641 464	146.09	2.37	-	374.22
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	0%	0%	0%	4 365	508 586	-	512 951	146.09	2.37	-	2.43
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	0%	2%	0%	77 905	2 906 345	-	2 984 250	146.09	2.37	-	2.43
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	0%	0%	0%	5 312	652 416	-	657 728	146.09	2.37	-	2.39
ELECTRICITY 71-500 kVA RIVERSDALE MUNICIPALITY	Commercial	0%	3%	0%	60 199	5 628 390	-	5 688 590	146.09	2.37	-	2.39
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	1%	2%	0%	221 092	4 152 608	-	4 373 699	146.09	2.37	-	2.50
ELECTRICITY STREET LIGHTS	Commercial	1%	1%	0%	405 460	1 716 181	-	2 121 641	146.09	2.37	-	2.93
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	0%	0%	0%	1 771	128 736	-	130 507	146.09	2.37	-	2.40
0 Commercial	0	0%	0%	0%	-	-	-	-	-	-	-	-
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	0%	0%	0%	1 771	248 540	-	250 311	146.09	2.37	-	2.39
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps	Commercial	1%	1%	0%	329 326	1 352 420	-	1 681 746	146.09	2.37	-	2.95
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps	Domestic	14%	13%	0%	4 697 317	25 772 267	-	30 469 584	146.09	2.37	-	2.80
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps	Domestic	0%	0%	0%	2 284	114 130	-	116 414	146.09	2.37	-	2.61
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps	Domestic	0%	1%	0%	88 528	1 273 838	-	1 362 366	146.09	2.37	-	2.53
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32A	Commercial	0%	0%	0%	47 805	217 772	-	265 578	146.09	2.37	-	2.89
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64A	Commercial	0%	1%	0%	148 728	2 156 891	-	2 305 619	146.09	2.37	-	2.53
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32A	Commercial	0%	2%	0%	21 247	302 407	-	323 654	146.09	2.37	-	2.53
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64A	Commercial	1%	7%	0%	283 291	12 700 292	-	12 983 582	146.09	2.37	-	2.42
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100A	Commercial	0%	4%	0%	113 546	6 782 095	-	6 895 641	146.09	2.37	-	2.41
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	0%	0%	0%	7 082	1 917 299	-	1 924 382	146.09	2.37	-	3.38
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	1%	16%	0%	244 338	31 460 399	-	31 704 737	146.09	2.37	-	3.35
AGRICULTURAL CONSUMERS <25kVA (BE09)	Industrial	0%	2%	0%	74 364	4 358 175	-	4 432 539	146.09	2.37	-	2.41
AGRICULTURAL CONSUMERS 25kVA - 50kVA (BE10)	Industrial	0%	1%	0%	38 952	2 156 567	-	2 195 519	146.09	2.37	-	2.41
AGRICULTURAL CONSUMERS 50kVA - 100kVA (BE11)	Industrial	0%	0%	0%	17 706	2 536 131	-	2 553 837	146.09	2.37	-	2.39
ELECTRICITY PREPAID COMMERCIAL	Domestic	0%	0%	0%	-	-	-	-	-	-	-	-
ELECTRICITY DOMESTIC PREPAID MONTHLY	Domestic	0%	0%	0%	-	-	-	-	-	-	-	-
0 Industrial	0	0%	0%	0%	-	-	-	-	-	-	-	-
Total		100%	100%	0%	34 244 554	191 848 357	-	226 092 911	146.09	2.37	-	2.79

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR NON-TARIFF REVENUE

In the "Revenue" and "Revenue required" sheets, non-tariff revenue sources were allocated between services. User must now allocate any non-tariff revenue allocated to the electricity service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate the non-tariff revenue (property rates revenue, other income and other service charges) in proportion to the total expenditure on each customer category. User can over-write defaults by making entries in the blank green cells adjacent to those containing the default allocations.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the relevant revenues between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure	Default allocation of property rates revenue	Customised allocation of property rates revenue	Default allocation of other income	Customised allocation of other income	Default allocation of other service charges	Customised allocation of other service charges	Total expenditure adjusted for non-tariff revenue
		(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
A01 SINGLE PHASE INDIGENT (50 B5ST)	Indigent	226 092 911	-	-	254 969 999	-	7 771 345.00	-	73 526 027
A04 SINGLE PHASE <150KWH 33-63Amps	Domestic	30 596 341	-	-	39 915 876	-	1 051 668.18	-	10 371 204
A10 SINGLE PHASE N1 (ALTERNATIVE) 0-32Amps	Domestic	215 007	-	-	280 498	-	7 390.30	-	72 881
B01 N1 SINGLE PHASE 0-32Amps	Domestic	18 949 963	-	-	24 722 053	-	651 354.78	-	6 423 445
B03 N1 SINGLE PHASE 33-63Amps	Domestic	16 368 189	-	-	21 323 880	-	562 613.13	-	5 548 305
B05 N1 THREE PHASE 0-32Amps	Domestic	37 288 564	-	-	48 646 527	-	1 281 695.63	-	12 639 658
B07 N1 THREE PHASE 33-63Amps	Domestic	79 187	-	-	103 307	-	2 721.85	-	26 842
D01 MUNICIPAL FACILITIES - RENTALS (E1 32)	Domestic	244 101	-	-	318 453	-	8 390.32	-	83 743
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (E1 31)	Domestic	200 605	-	-	261 708	-	8 895.25	-	67 999
0 Domestic	0	27 380	-	-	35 720	-	941.13	-	9 281
0 Domestic	0	-	-	-	-	-	-	-	-
0 Domestic	0	-	-	-	-	-	-	-	-
0 Domestic	0	-	-	-	-	-	-	-	-
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	900 465	-	-	1 174 743	-	30 803.99	-	305 229
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	4 627 362	-	-	6 026 840	-	159 053.92	-	1 568 531
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	641 464	-	-	836 852	-	22 048.64	-	217 436
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	522 263	-	-	681 339	-	17 951.32	-	177 030
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	2 984 250	-	-	3 894 025	-	102 596.32	-	1 011 771
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	657 728	-	-	858 070	-	22 607.66	-	222 949
ELECTRICITY 71-500 kVA RIVERSDALE MUNICIPALITY	Commercial	5 688 590	-	-	7 421 314	-	195 530.20	-	1 928 254
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	4 375 699	-	-	5 708 521	-	150 403.07	-	1 483 225
ELECTRICITY STREET LIGHTS	Commercial	2 121 641	-	-	2 767 886	-	72 055.80	-	719 170
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	130 507	-	-	170 259	-	4 485.83	-	44 238
0 Commercial	0	-	-	-	-	-	-	-	-
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	250 311	-	-	326 555	-	8 603.77	-	84 848
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps	Commercial	1 681 746	-	-	2 194 000	-	57 805.56	-	570 059
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps	Domestic	30 469 584	-	-	39 750 509	-	1 047 311.24	-	10 328 237
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps	Domestic	116 524	-	-	165 062	-	4 348.92	-	42 888
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps	Domestic	1 362 366	-	-	1 777 338	-	46 827.73	-	461 800
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32A	Commercial	265 578	-	-	346 472	-	9 128.53	-	90 023
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64A	Commercial	2 305 118	-	-	3 007 249	-	79 232.34	-	781 363
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32A	Commercial	223 654	-	-	422 237	-	11 124.74	-	109 709
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64A	Commercial	12 983 582	-	-	16 988 335	-	446 276.36	-	4 401 029
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100A	Commercial	6 893 641	-	-	8 993 419	-	236 950.65	-	2 336 729
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	1 924 382	-	-	2 510 542	-	66 145.53	-	652 305
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	31 704 537	-	-	42 361 621	-	1 089 275.50	-	10 746 848
check=0					11 978 784		315 606		

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR OPERATING GRANTS AND SUBSIDIES

In the "Revenue" and "Revenue required" sheets, external operating grants and subsidies were allocated between services. The user must now allocate any external operating grants and subsidies that were allocated to the electricity service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate operating grants and subsidies first to any categories identified as indigent. If there are no indigent customer categories, the default is to allocate external operating grants and subsidies to domestic customer categories. The user can choose a different allocation by entering values in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for non-tariff revenue (R)	Default allocation of operating grants and subsidies (R)	Customised allocation of operating grants and subsidies (R)	Total expenditure adjusted for operating grants and subsidies (R)
		73 526 027	8 887 523		82 413 550
A01 SINGLE PHASE INDIGENT (50 B5ST)	Indigent	10 371 204	10 371 204		
A04 SINGLE PHASE <150KWH 33-63Amps	Domestic	72 881	39 512		112 392
A10 SINGLE PHASE N1 (ALTERNATIVE) 0-32Amps	Domestic	6 473 145	3 664 797		9 888 242
B01 N1 SINGLE PHASE 0-32Amps	Domestic	5 548 305	2 992 747		8 541 052
B03 N1 SINGLE PHASE 33-63Amps	Domestic	12 639 658	6 617 813		19 457 471
B05 N1 THREE PHASE 0-32Amps	Domestic	26 843	14 478		41 320
B07 N1 THREE PHASE 33-63Amps	Domestic	82 743	44 631		127 374
D01 MUNICIPAL FACILITIES - RENTALS (E1 32)	Domestic	67 999	36 678		104 677
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (E1 31)	Domestic	9 281	5 006		14 287
	0 Domestic	-	-		-
	0 Domestic	-	-		-
	0 Domestic	-	-		-
	0 Domestic	-	-		-
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	305 229			305 229
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	1 568 531			1 568 531
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	112 436			112 436
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	177 030			177 030
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	1 011 771			1 011 771
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	222 949			222 949
ELECTRICITY 71-500 kVA RIVERSDALE MUNICIPALITY	Commercial	1 928 354			1 928 354
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	1 483 225			1 483 225
ELECTRICITY STREET LIGHTS	Commercial	719 120			719 120
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	48 238			48 238
	0 Commercial	-	-		-
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	84 848			84 848
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps	Commercial	1 701 059			1 701 059
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps	Domestic	10 328 327	5 571 036		15 899 273
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps	Domestic	42 083	23 134		66 021
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps	Domestic	653 850	249 054		710 894
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32A	Commercial	90 008			90 008
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64A	Commercial	781 363			781 363
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32A	Commercial	109 709			109 709
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64A	Commercial	4 401 229			4 401 229

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100amps	Commercial	-	2 336 729	-	-	-	2 336 729
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	-	652 305	-	-	-	652 305
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	-	10 746 848	-	-	-	10 746 848
check=0		-	-	-	-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ALLOCATING SURPLUSES AND DEFICITS

In the "Surplus" sheet, the user specified whether they are willing to accept a deficit or whether a surplus must be generated on a service. If a deficit is accepted or a surplus is generated on the service, the user must now use this table to specify on which customer categories the deficit or surplus will be generated. By default, the model assumes that deficits will be generated first on indigent customers and then on domestic customers. By default, the model distributes the surplus evenly across all categories not identified as indigent. The user can over-write these defaults by making entries in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for operating grants and subsidies (R)	Default allocation of deficit accepted on sanitation service (R)	Customised allocation of deficit accepted on sanitation service (R)	Default allocation of surplus generated on sanitation service (R)	Customised allocation of surplus generated on sanitation service (R)	Total expenditure adjusted for surplus or deficit on service (R)
		- 82 413 550	5 435 921.20	-	-	-	87 849 471
A01 SINGLE PHASE INDIGENT (50 B55T)	Indigent	-	-	-	-	-	-
A04 SINGLE PHASE <150kWH 33-63Amps	Domestic	- 112 192	11 096	-	-	-	123 289
A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps	Domestic	- 9 888 242	977 965	-	-	-	10 866 207
B01 NI SINGLE PHASE 0-32Amps	Domestic	- 8 541 052	844 726	-	-	-	9 385 777
B03 NI SINGLE PHASE 33-63Amps	Domestic	- 19 457 471	1 924 379	-	-	-	21 381 850
B05 NI THREE PHASE 0-32Amps	Domestic	- 41 320	4 087	-	-	-	45 407
B07 NI THREE PHASE 33-63Amps	Domestic	- 127 374	12 597	-	-	-	139 971
D01 MUNICIPAL FACILITIES - RENTALS (EL 32)	Domestic	- 104 677	10 353	-	-	-	115 030
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)	Domestic	- 14 787	1 413	-	-	-	15 700
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	- 305 229	-	-	-	-	305 229
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	- 1 568 531	-	-	-	-	1 568 531
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	- 217 436	-	-	-	-	217 436
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	- 177 030	-	-	-	-	177 030
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	- 1 011 771	-	-	-	-	1 011 771
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	- 222 949	-	-	-	-	222 949
ELECTRICITY 71-500 kVA RIVERSDALE MUNICIPALITY	Commercial	- 1 928 254	-	-	-	-	1 928 254
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	- 1 483 225	-	-	-	-	1 483 225
ELECTRICITY STREET LIGHTS	Commercial	- 719 170	-	-	-	-	719 170
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	- 44 238	-	-	-	-	44 238
0 Commercial	Commercial	-	-	-	-	-	-
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	- 84 848	-	-	-	-	84 848
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps	Commercial	- 570 059	-	-	-	-	570 059
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps	Domestic	- 15 899 273	1 572 467	-	-	-	17 471 740
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps	Domestic	- 66 021	6 530	-	-	-	72 551
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps	Domestic	- 710 894	70 309	-	-	-	781 202
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps	Commercial	- 90 023	-	-	-	-	90 023
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps	Commercial	- 781 363	-	-	-	-	781 363
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps	Commercial	- 109 709	-	-	-	-	109 709
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps	Commercial	- 4 401 029	-	-	-	-	4 401 029
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	- 2 336 729	-	-	-	-	2 336 729
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	- 652 305	-	-	-	-	652 305
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	- 10 746 848	-	-	-	-	10 746 848
check=0		-	-	-	-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR CROSS SUBSIDISATION BETWEEN CUSTOMERS

The user must now use this table to specify any additional cross-subsidisation that is to take place between customer categories within the electricity service. The user must specify whether additional surpluses will be generated on any customer categories by entering %s in the grey cells. Surpluses are specified as % of expenditure. The user must then allocate any surpluses generated between the remaining customer categories. This is done by specifying what % of the surplus generated should be allocated to each customer category. The sum of any %s entered in the "Allocation of surplus" column must be 100%.

Municipal customer name	Standard customer classification	Total expenditure adjusted for surplus or deficit on service (R)	Surplus generated per customer (%)	Allocation of surplus (%)	Revenue required from tariff (R)	Average revenue required (R per kWh)	Total cost (R per kWh)
Total		- 87 849 471	-	0%	- 87 849 471	1.08	2.79
A01 SINGLE PHASE INDIGENT (50 B55T)	Indigent	-	-	-	-	-	3.24
A04 SINGLE PHASE <150kWH 33-63Amps	Domestic	- 123 289	-	-	- 123 289	2.00	3.49
A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps	Domestic	- 10 866 207	-	-	- 10 866 207	1.85	3.23
B01 NI SINGLE PHASE 0-32Amps	Domestic	- 9 385 777	-	-	- 9 385 777	2.83	4.93
B03 NI SINGLE PHASE 33-63Amps	Domestic	- 21 381 850	-	-	- 21 381 850	1.53	2.67
B05 NI THREE PHASE 0-32Amps	Domestic	- 45 407	-	-	- 45 407	1.49	2.60
B07 NI THREE PHASE 33-63Amps	Domestic	- 139 971	-	-	- 139 971	1.48	2.57
D01 MUNICIPAL FACILITIES - RENTALS (EL 32)	Domestic	- 115 030	-	-	- 115 030	3.92	6.83
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)	Domestic	- 15 700	-	-	- 15 700	1.56	2.72
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
0 Domestic	Domestic	-	-	-	-	-	-
C01 COMMERCIAL SINGLE PHASE 0-32Amps	Commercial	- 305 229	-	-	- 305 229	0.93	2.73
C03 COMMERCIAL SINGLE PHASE 33-63Amps	Commercial	- 1 568 531	-	-	- 1 568 531	0.86	2.53
C04 COMMERCIAL SINGLE PHASE 64-100Amps	Commercial	- 217 436	-	-	- 217 436	126.85	374.22
C05 COMMERCIAL THREE PHASE 0-32Amps	Commercial	- 177 030	-	-	- 177 030	0.82	2.43
C07 COMMERCIAL THREE PHASE 33-63Amps	Commercial	- 1 011 771	-	-	- 1 011 771	0.82	2.43
C08 COMMERCIAL THREE PHASE 64-100Amps	Commercial	- 222 949	-	-	- 222 949	0.81	2.39
ELECTRICITY 71-500 kVA RIVERSDALE MUNICIPALITY	Commercial	- 1 928 254	-	-	- 1 928 254	0.81	2.39
ELECTRICITY F1 RIVERSDALE MUNICIPALITY	Commercial	- 1 483 225	-	-	- 1 483 225	0.85	2.50
ELECTRICITY STREET LIGHTS	Commercial	- 719 170	-	-	- 719 170	0.99	2.93
CONVENTIONAL HUIS WALLACE ANDERSON	Commercial	- 44 238	-	-	- 44 238	0.81	2.40
0 Commercial	Commercial	-	-	-	-	-	-
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps	Commercial	- 84 848	-	-	- 84 848	0.81	2.39
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)	Commercial	- 570 059	-	-	- 570 059	1.00	2.95
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)	Commercial	- 17 471 740	-	-	- 17 471 740	1.61	2.80
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHE30)	Commercial	- 72 551	-	-	- 72 551	1.51	2.63
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHE63)	Commercial	- 781 202	-	-	- 781 202	1.45	2.53
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)	Commercial	- 90 023	-	-	- 90 023	0.98	2.89
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)	Commercial	- 781 363	-	-	- 781 363	0.96	2.53
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)	Commercial	- 109 709	-	-	- 109 709	0.86	2.53
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)	Commercial	- 4 401 029	-	-	- 4 401 029	0.82	2.42
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)	Commercial	- 2 336 729	-	-	- 2 336 729	0.82	2.41
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)	Industrial	- 652 305	-	-	- 652 305	0.81	2.38
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)	Industrial	- 10 746 848	-	-	- 10 746 848	0.81	2.39
check = 0		-	-	-	-	-	-

This sheet calculates the average cost per unit and the average revenue required per unit for each solid waste service customer category.

CALCULATION OF AVERAGE UNIT COSTS PER CUSTOMER CATEGORY

The tool allocates fixed costs between customers based on the number of customers in the category.

Allocation of fixed costs

% of customers

Municipal customer name

	Standard customer classification	% of fixed costs allocated to customer category	Fixed costs (R)	Total costs (R)	Total cost (R per customer/month)
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	80%	43 743 472	43 743 472	262.26
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	2%	1 287 321	1 287 321	262.26
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/W	Domestic	0%	76 286	76 286	262.26
VULLIS RESIDENSIEEL 20% KORTING	Domestic	1%	559 428	559 428	262.26
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/W	Domestic	0%	12 714	12 714	262.26
VULLIS INFORMELE BEHUISING	Domestic	3%	1 894 427	1 894 427	262.26
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	Domestic	0%	6 357	6 357	262.26
PERSONEEL AMPTELIKE WONINGS	Domestic	0%	34 964	34 964	262.26
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Domestic	0%	22 250	22 250	262.26
PRIMERE WONING +1	Domestic	3%	1 439 892	1 439 892	262.26
PRIMERE WONING +2	Domestic	0%	69 929	69 929	262.26
PRIMERE WONING +3	Domestic	0%	12 714	12 714	262.26
PRIMERE WONING +4	Domestic	0%	3 179	3 179	262.26
PRIMERE WONING +5	Domestic	0%	3 179	3 179	262.26
DEELTITEL BESIGHEID	Commercial	0%	171 643	171 643	262.26
besigheid VERHUURBARE EENHEID +1	Commercial	0%	219 321	219 321	262.26
besigheid VERHUURBARE EENHEID +2	Commercial	0%	120 786	120 786	262.26
besigheid VERHUURBARE EENHEID +3	Commercial	0%	60 393	60 393	262.26
besigheid VERHUURBARE EENHEID +4	Commercial	0%	12 714	12 714	262.26
besigheid VERHUURBARE EENHEID +5	Commercial	0%	15 893	15 893	262.26
besigheid VERHUURBARE EENHEID +6	Commercial	0%	9 536	9 536	262.26
besigheid VERHUURBARE EENHEID +7	Commercial	0%	6 357	6 357	262.26
besigheid VERHUURBARE EENHEID +8	Commercial	0%	3 179	3 179	262.26
besigheid VERHUURBARE EENHEID +9	Commercial	0%	3 179	3 179	262.26
besigheid VERHUURBARE EENHEID >9	Commercial	0%	3 179	3 179	262.26
besigheid VERHUURBARE EENHEID >9 sentrale kolleksie	Commercial	0%	-	-	-
Duet units	Domestic	0%	-	-	-
Guest accomodation / B&B 1-2 guest rooms	Commercial	0%	-	-	-
Guest accomodation / GUEST HOUSE 3-6 guest rooms	Commercial	0%	60 393	60 393	262.26
Guest accomodation /GUEST LODGE 7-12 guest rooms	Commercial	0%	9 536	9 536	262.26
Guest accomodation /HOTEL 13-20 guest rooms	Commercial	0%	12 714	12 714	262.26
Tourist accomodatioin buss or comm unit within holiday	Commercial	0%	-	-	-
DEELTITEL EENHEDE 1 VERWYDERING/WEEK	Commercial	1%	359 178	359 178	262.26
DEELTITEL EENHEDE -20% KORTING	Commercial	1%	429 107	429 107	262.26
WOONSTEL EENHEDE NIE DEELTITEL 1 VERWYD/WEEK	Domestic	0%	41 321	41 321	262.26

WOONSTEL EENHEDE (NIE BLOK) -20% KORTING
VULLIS VERHURINGS -50%
COMMUNITY AND PBO -75%
VULLIS DEELTITEL BESIGHEDE -20%
VULLIS VERHURINGS -100%
VULLIS VERHURINGS RF01 -75%
VULLIS VERHURINGS RF01 -50%
VULLIS LANDELIK RESIDENSIEEL
VULLIS LANDELIK KOMMERSIEEL
HUUR VAN GROND VIR MASSAVULLISHOUER 99275007
Total

Domestic	0%	3 179	3 179	262.26
Domestic	0%	9 536	9 536	262.26
Commercial	0%	-	-	-
Domestic	0%	12 714	12 714	262.26
Domestic	0%	12 714	12 714	262.26
Domestic	0%	9 536	9 536	262.26
Domestic	0%	25 429	25 429	262.26
Domestic	6%	3 416 962	3 416 962	262.26
Commercial	0%	111 250	111 250	262.26
Domestic	0%	3 179	3 179	262.26
Total	100%	54 309 037	54 309 037	261.14

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR NON-TARIFF REVENUE

In the "Revenue" and "Revenue required" sheets, non-tariff revenue sources were allocated between services. User must now allocate any non-tariff revenue allocated to the solid waste service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate the non-tariff revenue (property rates revenue, other income and other service charges) in proportion to the total expenditure on each customer category. User can over-write defaults by making entries in the blank green cells adjacent to those containing the default allocations.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the relevant revenues between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure (R)	Default allocation of property rates revenue (R)	Customised allocation of property rates revenue (R)	Default allocation of other income (R)	Customised allocation of other income (R)	Default allocation of other service charges (R)	Customised allocation of other service charges (R)	Total expenditure adjusted for non-tariff revenue (R)
		54 309 037	-	-	57 765 727	-	52 821.00	-	3 509 511
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	43 743 472	-		46 527 680		42 544.93	-	2 826 752
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	1 287 321	-		1 369 257		1 252.05	-	83 188
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/W	Domestic	76 286	-		81 141		74.20	-	4 930
VULLIS RESIDENSIEEL 20% KORTING	Domestic	559 428	-		595 035		544.10	-	36 151
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/W	Domestic	12 714	-		13 524		12.37	-	822
VULLIS INFORMELE BEHUISING	Domestic	1 894 427	-		2 015 005		1 842.52	-	122 420
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	Domestic	6 357	-		6 762		6.18	-	411
PERSONEEL AMPTELIKE WONINGS	Domestic	34 964	-		37 190		34.01	-	2 259
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Domestic	22 250	-		23 666		21.64	-	1 438
PRIMERE WONING +1	Domestic	1 439 892	-		1 531 539		1 400.44	-	93 047
PRIMERE WONING +2	Domestic	69 929	-		74 379		68.01	-	4 519
PRIMERE WONING +3	Domestic	12 714	-		13 524		12.37	-	822
PRIMERE WONING +4	Domestic	3 179	-		3 381		3.09	-	205
PRIMERE WONING +5	Domestic	3 179	-		3 381		3.09	-	205
DEELTITEL BESIGHEID	Commercial	171 643	-		182 568		166.94	-	11 092
besigheid VERHUURBARE EENHEID +1	Commercial	219 321	-		233 281		213.31	-	14 173
besigheid VERHUURBARE EENHEID +2	Commercial	120 786	-		128 473		117.48	-	7 805
besigheid VERHUURBARE EENHEID +3	Commercial	60 393	-		64 237		58.74	-	3 903
besigheid VERHUURBARE EENHEID +4	Commercial	12 714	-		13 524		12.37	-	822
besigheid VERHUURBARE EENHEID +5	Commercial	15 893	-		16 904		15.46	-	1 027
besigheid VERHUURBARE EENHEID +6	Commercial	9 536	-		10 143		9.27	-	616
besigheid VERHUURBARE EENHEID +7	Commercial	6 357	-		6 762		6.18	-	411
besigheid VERHUURBARE EENHEID +8	Commercial	3 179	-		3 381		3.09	-	205
besigheid VERHUURBARE EENHEID +9	Commercial	3 179	-		3 381		3.09	-	205
besigheid VERHUURBARE EENHEID >9	Commercial	3 179	-		3 381		3.09	-	205
besigheid VERHUURBARE EENHEID >9 sentrale kolleksie	Commercial	-	-		-		-	-	-

Duet units	Domestic	-	-	-	-	-	-
Guest accomodation / B&B 1-2 guest rooms	Commercial	-	-	-	-	-	-
Guest accomodation / GUEST HOUSE 3-6 guest rooms	Commercial	60 393	-	64 237	58.74	-	3 903
Guest accomodation /GUEST LODGE 7-12 guest rooms	Commercial	9 536	-	10 143	9.27	-	616
Guest accomodation /HOTEL 13-20 guest rooms	Commercial	12 714	-	13 524	12.37	-	822
Tourist accomodatioin buss or comm unit within holiday	Commercial	-	-	-	-	-	-
DEELTITEL EENHEDE 1 VERWYDERING/WEEK	Commercial	359 178	-	382 040	349.34	-	23 211
DEELTITEL EENHEDE -20% KORTING	Commercial	429 107	-	456 419	417.35	-	27 729
WOONSTEL EENHEDE NIE DEELTITEL 1 VERWYD/WEEK	Domestic	41 321	-	43 951	40.19	-	2 670
WOONSTEL EENHEDE (NIE BLOK) -20% KORTING	Domestic	3 179	-	3 381	3.09	-	205
VULLIS VERHURINGS -50%	Domestic	9 536	-	10 143	9.27	-	616
COMMUNITY AND PBO -75%	Commercial	-	-	-	-	-	-
VULLIS DEELTITEL BESIGHEDE -20%	Domestic	12 714	-	13 524	12.37	-	822
VULLIS VERHURINGS -100%	Domestic	12 714	-	13 524	12.37	-	822
VULLIS VERHURINGS RF01 -75%	Domestic	9 536	-	10 143	9.27	-	616
VULLIS VERHURINGS RF01 -50%	Domestic	25 429	-	27 047	24.73	-	1 643
VULLIS LANDELIK RESIDENSIEEL	Domestic	3 416 962	-	3 634 447	3 323.34	-	220 808
VULLIS LANDELIK KOMMERSIEEL	Commercial	111 250	-	118 331	108.20	-	7 189
HUUR VAN GROND VIR MASSAVULLISHOUER 99275007	Domestic	3 179	-	3 381	3.09	-	205
check=0		-	-	-	-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR OPERATING GRANTS AND SUBSIDIES

In the "Revenue" and "Revenue required" sheets, external operating grants and subsidies were allocated between services. The user must now allocate any external operating grants and subsidies that were allocated to the solid waste service between customer categories defined for that service. Defaults are provided by the model. These defaults allocate operating grants and subsidies first to any categories identified as indigent. If there are no indigent customer categories, the default is to allocate external operating grants and subsidies to domestic customer categories. The user can choose a different allocation by entering values in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for non-tariff revenue (R)	Default allocation of operating grants and subsidies (R)	Customised allocation of operating grants and subsidies (R)	Total expenditure adjusted for operating grants and subsidies (R)
Total		- 3 509 511	16 416 830	-	- 19 632 820
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	- 2 826 752	14 998 899		- 17 825 651
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	- 83 188	-		- 83 188
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK	Domestic	- 4 930	26 157		- 31 087
VULLIS RESIDENSIEEL 20% KORTING	Domestic	- 36 151	191 818		- 227 969
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK	Domestic	- 822	4 360		- 5 181
VULLIS INFORMELE BEHUISING	Domestic	- 122 420	649 567		- 771 987
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	Domestic	- 411	2 180		- 2 591
PERSONEEL AMPTELIKE WONINGS	Domestic	- 2 259	11 989		- 14 248
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Domestic	- 1 438	7 629		- 9 067
PRIMERE WONING +1	Domestic	- 93 047	493 715		- 586 762
PRIMERE WONING +2	Domestic	- 4 519	23 977		- 28 496
PRIMERE WONING +3	Domestic	- 822	4 360		- 5 181
PRIMERE WONING +4	Domestic	- 205	1 090		- 1 295
PRIMERE WONING +5	Domestic	- 205	1 090		- 1 295
DEELTITEL BESIGHEID	Commercial	- 11 092	-		- 11 092
besigheid VERHUURBARE EENHEID +1	Commercial	- 14 173	-		- 14 173

besigheid VERHUURBARE EENHEID +2	Commercial	-	7 805	-	-	7 805
besigheid VERHUURBARE EENHEID +3	Commercial	-	3 903	-	-	3 903
besigheid VERHUURBARE EENHEID +4	Commercial	-	822	-	-	822
besigheid VERHUURBARE EENHEID +5	Commercial	-	1 027	-	-	1 027
besigheid VERHUURBARE EENHEID +6	Commercial	-	616	-	-	616
besigheid VERHUURBARE EENHEID +7	Commercial	-	411	-	-	411
besigheid VERHUURBARE EENHEID +8	Commercial	-	205	-	-	205
besigheid VERHUURBARE EENHEID +9	Commercial	-	205	-	-	205
besigheid VERHUURBARE EENHEID >9	Commercial	-	205	-	-	205
besigheid VERHUURBARE EENHEID >9 sentrale kolleksie	Commercial	-	-	-	-	-
Duet units	Domestic	-	-	-	-	-
Guest accomodation / B&B 1-2 guest rooms	Commercial	-	-	-	-	-
Guest accomodation / GUEST HOUSE 3-6 guest rooms	Commercial	-	3 903	-	-	3 903
Guest accomodation /GUEST LODGE 7-12 guest rooms	Commercial	-	616	-	-	616
Guest accomodation /HOTEL 13-20 guest rooms	Commercial	-	822	-	-	822
Tourist accomodatioin buss or comm unit within holiday	Commercial	-	-	-	-	-
DEELTITEL EENHEDE 1 VERWYDERING/WEEK	Commercial	-	23 211	-	-	23 211
DEELTITEL EENHEDE -20% KORTING	Commercial	-	27 729	-	-	27 729
WOONSTEL EENHEDE NIE DEELTITEL 1 VERWYD/WEEK	Domestic	-	2 670	14 168	-	16 839
WOONSTEL EENHEDE (NIE BLOK) -20% KORTING	Domestic	-	205	1 090	-	1 295
VULLIS VERHURINGS -50%	Domestic	-	616	3 270	-	3 886
COMMUNITY AND PBO -75%	Commercial	-	-	-	-	-
VULLIS DEELTITEL BESIGHEDE -20%	Domestic	-	822	4 360	-	5 181
VULLIS VERHURINGS -100%	Domestic	-	822	4 360	-	5 181
VULLIS VERHURINGS RFO1 -75%	Domestic	-	616	3 270	-	3 886
VULLIS VERHURINGS RFO1 -50%	Domestic	-	1 643	8 719	-	10 362
VULLIS LANDELIK RESIDENSIEEL	Domestic	-	220 808	1 171 619	-	1 392 427
VULLIS LANDELIK KOMMERSIEEL	Commercial	-	7 189	-	-	7 189
HUUR VAN GROND VIR MASSAVULLISHOUER 99275007	Domestic	-	205	1 090	-	1 295
check=0		-		1 211 944	-	

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ALLOCATING SURPLUSES AND DEFICITS

In the "Surplus" sheet, the user specified whether they are willing to accept a deficit or whether a surplus must be generated on a service. If a deficit is accepted or a surplus is generated on the service, the user must now use this table to specify on which customer categories the deficit or surplus will be generated. By default, the model assumes that deficits will be generated first on indigent customers and then on domestic customers. By default, the model distributes the surplus evenly across all categories not identified as Indigent. The user can over-write these defaults by making entries in the green cells.

If you do choose to over-write the default allocations by making entries in the green cells, be sure to allocate all of the operating grants and subsidies between the customer categories. There are checks provided in red at the bottom of the column. If you make any entries in the green cells, make sure that all checks are zero.

Municipal customer name	Standard customer classification	Total expenditure adjusted for operating grants and subsidies (R)	Default allocation of deficit accepted on solid waste service (R)	Customised allocation of deficit accepted on solid waste service (R)	Default allocation of surplus generated on solid waste service (R)	Customised allocation of surplus generated on solid waste service (R)	Total expenditure adjusted for surplus or deficit on service (R)
Total		- 19 632 820	1 090 821	-	-	-	- 20 723 642
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	- 17 825 651	996 607		-		- 18 822 257
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	- 83 188	-		-		- 83 188
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK	Domestic	- 31 087	1 738		-		- 32 825
VULLIS RESIDENSIEEL 20% KORTING	Domestic	- 227 969	12 745		-		- 240 715
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK	Domestic	- 5 181	290		-		- 5 471

VULLIS INFORMELE BEHUISING
VULLIS GROOTMAAT BESIGHEDE 20% KORTING
PERSONEEL AMPTELIKE WONINGS
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING
PRIMERE WONING +1
PRIMERE WONING +2
PRIMERE WONING +3
PRIMERE WONING +4
PRIMERE WONING +5
DEELITITEL BESIGHEID
besigheid VERHUURBARE EENHEID +1
besigheid VERHUURBARE EENHEID +2
besigheid VERHUURBARE EENHEID +3
besigheid VERHUURBARE EENHEID +4
besigheid VERHUURBARE EENHEID +5
check=0

Domestic	-	771 987	43 161		-	-	815 148
Domestic	-	2 591	145		-	-	2 735
Domestic	-	14 248	797		-	-	15 045
Domestic	-	9 067	507		-	-	9 574
Domestic	-	586 762	32 805		-	-	619 567
Domestic	-	28 496	1 593		-	-	30 089
Domestic	-	5 181	290		-	-	5 471
Domestic	-	1 295	72		-	-	1 368
Domestic	-	1 295	72		-	-	1 368
Commercial	-	11 092	-		-	-	11 092
Commercial	-	14 173	-		-	-	14 173
Commercial	-	7 805	-		-	-	7 805
Commercial	-	3 903	-		-	-	3 903
Commercial	-	822	-		-	-	822
Commercial	-	1 027	-		-	-	1 027
		-	-		-	-	-

CALCULATION OF REVENUE REQUIREMENT PER CUSTOMER CATEGORY: ADJUSTED FOR CROSS SUBSIDISATION BETWEEN CUSTOMERS

The user must now use this table to specify any additional cross-subsidisation that is to take place between customer categories within the water service. The user must specify whether additional surpluses will be generated on any customer categories by entering %s in the grey cells. Surpluses are specified as % of expenditure. The user must then allocate any surpluses generated between the remaining customer categories. This is done by specifying what % of the surplus generated should be allocated to each customer category. The sum of any %s entered in the "Allocation of surplus" column must be 100%.

Municipal customer name	Standard customer classification	Total expenditure adjusted for surplus or deficit on service (R)	Surplus generated per customer (% of adjusted expenditure)	Allocation of surplus (% to each customer category)	Revenue required from tariff	Average revenue required per customer per month	Total cost (R per customer/month)
Total		- 20 682 366	-	0%	- 20 682 366	- 99.45	261.14
VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL	Domestic	- 18 822 257	-	-	- 18 822 257	- 112.85	262.26
VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL	Commercial	- 83 188	-	-	- 83 188	- 16.95	262.26
VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/W	Domestic	- 32 825	-	-	- 32 825	- 112.85	262.26
VULLIS RESIDENSIEEL 20% KORTING	Domestic	- 240 715	-	-	- 240 715	- 112.85	262.26
VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/W	Domestic	- 5 471	-	-	- 5 471	- 112.85	262.26
VULLIS INFORMELE BEHUISING	Domestic	- 815 148	-	-	- 815 148	- 112.85	262.26
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	Domestic	- 2 735	-	-	- 2 735	-	262.26
PERSONEEL AMPTELIKE WONINGS	Domestic	- 15 045	-	-	- 15 045	-	262.26
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	Domestic	- 9 574	-	-	- 9 574	-	262.26
PRIMERE WONING +1	Domestic	- 619 567	-	-	- 619 567	-	262.26
PRIMERE WONING +2	Domestic	- 30 089	-	-	- 30 089	-	262.26
PRIMERE WONING +3	Domestic					-	262.26
PRIMERE WONING +4	Domestic					-	262.26
PRIMERE WONING +5	Domestic					-	262.26
DEELITITEL BESIGHEID	Commercial					-	262.26
besigheid VERHUURBARE EENHEID +1	Commercial					-	262.26
besigheid VERHUURBARE EENHEID +2	Commercial					-	262.26
besigheid VERHUURBARE EENHEID +3	Commercial	- 3 903	-	-	- 3 903	-	262.26
besigheid VERHUURBARE EENHEID +4	Commercial	- 822	-	-	- 822	-	262.26
besigheid VERHUURBARE EENHEID +5	Commercial	- 1 027	-	-	- 1 027	-	262.26

check = 0

1

Scroll to top

Select customer
category

WATER BASIES 100MM

Go to sheet

This sheet calculates the water tariff for each customer category. The DWS Norms and Standards for Water Services (2015) require municipalities to have an inclining block tariff for water. Municipalities can choose whether to combine this with a fixed charge. The tool thus allows the user to set the size of a fixed charge for each customer category. If the user does not wish to apply a fixed charge, they can set this to zero. The user must then specify an inclining block tariff for each customer category.

WATER BASIES 20MM (BW01)

WATER BASIES 20MM (BW01) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 20MM (BW01)	10 079	1 856 210	-	35 688 776	33 263 446

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 20MM (BW01)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks from the grey dropdown list. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00	4.50%	1 316 923	-	-
2	7.00	15.00	5%	243 770	58.5	14 251 890
3	16.00	30.00	5%	158 695	61.1	9 695 494
4	31.00	40.00	5%	44 901	63.8	2 866 711
5	41.00	50.00	5%	26 508	66.7	1 768 539
6	51.00	70	5%	27 090	69.7	1 888 699
7	71.00	>70	5%	38 323	72.9	2 792 113
				-	-	-
				-	-	-
		More		-	-	-

IRRIGATION MUNICIPALITY

IRRIGATION MUNICIPALITY information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
IRRIGATION MUNICIPALITY	181	1 640	-	31 536	29 393

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
IRRIGATION MUNICIPALITY	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	9999.00	4.50%	1 640	17.9	29 393
				-	-	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
		More		-	-	-

WATER BASIES 32MM (BW03)

WATER BASIES 32MM (BW03) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 32MM (BW03)	14	5 445	-	104 688	97 573

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 32MM (BW03)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		4 933	-	-
2	7.00	15.00	5%	231	-	-
3	16.00	30.00	5%	151	-	-
4	31.00	40.00	5%	43	-	-
5	41.00	50.00	5%	25	-	-
6	51.00	70	5%	26	-	-
7	71.00	>70	5%	36	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 50MM (BW04)

WATER BASIES 50MM (BW04) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 50MM (BW04)	28	81 311	-	1 563 342	1 457 101

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 50MM (BW04)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		80 209	-	-
2	7.00	15.00	5%	498	-	-
3	16.00	30.00	5%	324	-	-
4	31.00	40.00	5%	92	-	-
5	41.00	50.00	5%	54	-	-
6	51.00	70	5%	55	-	-
7	71.00	>70	5%	78	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 25MM (BW05)

WATER BASIES 25MM (BW05) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 25MM (BW05)	171	55 989	-	1 076 490	1 003 334

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 25MM (BW05)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		51 343	-	-
2	7.00	15.00	5%	2 100	-	-
3	16.00	30.00	5%	1 367	-	-
4	31.00	40.00	5%	387	-	-
5	41.00	50.00	5%	228	-	-
6	51.00	70	5%	233	-	-
7	71.00	>70	5%	330	-	-
					-	-
					-	-
		More			-	-

PALINGGAT & STILWATERS 22266105&22267010&249017012 -20% (BW06)**PALINGGAT & STILWATERS 22266105&22267010&249017012 -20% (BW06) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PALINGGAT & STILWATERS 22266105&2	6	38 677	-	743 629	- 693 094

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PALINGGAT & STILWATERS 22266105&2	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		23 439	-	-
2	7.00	15.00	5%	6 888	-	-
3	16.00	30.00	5%	4 484	-	-
4	31.00	40.00	5%	1 269	-	-
5	41.00	50.00	5%	749	-	-
6	51.00	70	5%	765	-	-
7	71.00	>70	5%	1 083	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 100MM (BW07)**WATER BASIES 100MM (BW07) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 100MM (BW07)	7	64 272	-	1 235 745	- 1 151 766

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 100MM (BW07)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		64 036	-	-
2	7.00	15.00	5%	107	-	-
3	16.00	30.00	5%	70	-	-
4	31.00	40.00	5%	20	-	-
5	41.00	50.00	5%	12	-	-
6	51.00	70	5%	12	-	-
7	71.00	>70	5%	17	-	-
					-	-
					-	-
		More			-	-

BASIC WATER 20% DISCOUNT (BW08)**BASIC WATER 20% DISCOUNT (BW08) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
BASIC WATER 20% DISCOUNT (BW08)	4	4 477	-	86 084	80 234

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
BASIC WATER 20% DISCOUNT (BW08)		-			-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		1 879	-	-
2	6.01	15.00	5%	1 175	-	-
3	15.01	30.00	5%	765	-	-
4	30.01	40.00	5%	216	-	-
5	40.01	50.00	5%	128	-	-
6	50.01	70	5%	131	-	-
7	70.01	>70	5%	185	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 40MM (BW09)**WATER BASIES 40MM (BW09) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 40MM (BW09)	17	22 127	-	425 430	396 519

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 40MM (BW09)	-	-		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		21 576	-	-

2	7.00	15.00	5%	249	-	-
3	16.00	30.00	5%	162	-	-
4	31.00	40.00	5%	46	-	-
5	41.00	50.00	5%	27	-	-
6	51.00	70	5%	28	-	-
7	71.00	>70	5%	39	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 80MM (BW10)

WATER BASIES 80MM (BW10) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 80MM (BW10)	8	55 019	-	1 057 828	- 985 940

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 80MM (BW10)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7
Yes

Do you wish to have a zero price on the first block?

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		54 664	-	-
2	7.00	15.00	5%	160	-	-
3	16.00	30.00	5%	104	-	-
4	31.00	40.00	5%	30	-	-
5	41.00	50.00	5%	17	-	-
6	51.00	70	5%	18	-	-
7	71.00	>70	5%	25	-	-
					-	-
					-	-
		More			-	-

WATER INFORMELE BEHUISING (BW16)

WATER INFORMELE BEHUISING (BW16) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER INFORMELE BEHUISING (BW16)	575	23 483	-	451 491	- 420 808

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER INFORMELE BEHUISING (BW16)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

7
Yes

Do you wish to have a zero price on the first block?

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		1 314	-	-
2	7.00	15.00	5%	10 021	-	-
3	16.00	30.00	5%	6 523	-	-
4	31.00	40.00	5%	1 846	-	-
5	41.00	50.00	5%	1 090	-	-
6	51.00	70	5%	1 114	-	-
7	71.00	>70	5%	1 575	-	-
					-	-
					-	-
		More			-	-

DEELITEL EENHEDE 20MM (BW17)

DEELITEL EENHEDE 20MM (BW17) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
DEELITEL EENHEDE 20MM (BW17)	240	13 172	-	253 262	236 051

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
DEELITEL EENHEDE 20MM (BW17)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

1

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	9999.00	0.045	13 172	-	-
			5%		-	-
			5%		-	-
			5%		-	-
			5%		-	-
			5%		-	-
					-	-
					-	-
					-	-
		More			-	-

PERSENEEL AMPTELIKE WONINGS (BW18)

PERSENEEL AMPTELIKE WONINGS (BW18) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PERSENEEL AMPTELIKE WONINGS (BW18)	11	213 185	-	4 098 836	3 820 289

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PERSENEEL AMPTELIKE WONINGS (BW18)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must select the number of blocks by clicking on the green highlighted cell. User must then enter the top of each block, the % increase in tariffs between tariff blocks and the volume of water sold in each block in the yellow highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

1

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	9999.00		213 185	-	-
					-	-
					-	-
					-	-
					-	-
					-	-
					-	-
					-	-
					-	-
		More			-	-

BASIESE WATER SPORTKLUBS -50% (BW19)

BASIESE WATER SPORTKLUBS -50% (BW19) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
BASIESE WATER SPORTKLUBS -50% (BW19)	6	2 549	-	49 013	45 683

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
BASIESE WATER SPORTKLUBS -50% (BW20)	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00	-	73 774	-	-
2	6.01	15.00	5%	12 446	-	-
3	15.01	30.00	5%	12 094	-	-
4	30.01	40.00	5%	5 475	-	-
5	40.01	50.00	5%	4 112	-	-
6	50.01	70	5%	5 637	-	-
7	70.01	>70	5%	36 559	-	-
					-	-
					-	-
		More			-	-

DEELITEL EENHEDE 20MM -20% KORTING (BW20)**DEELITEL EENHEDE 20MM -20% KORTING (BW20) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
DEELITEL EENHEDE 20MM -20% KORTING	6	6 492	-	124 825	- 116 342

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
DEELITEL EENHEDE 20MM -20% KORTING	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00	-	83	-	-
2	7.00	15.00	5%	2 972	-	-
3	16.00	30.00	5%	1 935	-	-
4	31.00	40.00	5%	547	-	-
5	41.00	50.00	5%	323	-	-
6	51.00	70	5%	330	-	-
7	71.00	>70	5%	467	-	-
					-	-
					-	-
		More			-	-

WOONSTEL EENHEDE 20MM (BW21)**WOONSTEL EENHEDE 20MM (BW21) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WOONSTEL EENHEDE 20MM (BW21)	14	6 165	-	118 533	- 110 478

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WOONSTEL EENHEDE 20MM (BW21)	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		3 094	-	-
2	6.01	15.00	5%	1 388	-	-
3	15.01	30.00	5%	904	-	-
4	30.01	40.00	5%	256	-	-
5	40.01	50.00	5%	151	-	-
6	50.01	70	5%	154	-	-
7	70.01	>70	5%	218	-	-
					-	-
					-	-
		More			-	-

WOONSTEL EENHEDE 20MM -20% KORTING (BW22)**WOONSTEL EENHEDE 20MM -20% KORTING (BW22) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WOONSTEL EENHEDE 20MM -20% KORTING	1	467	-	8 972	8 362

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WOONSTEL EENHEDE 20MM -20% KORTING	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		33	-	-
2	7.00	15.00	5%	196	-	-
3	16.00	30.00	5%	127	-	-
4	31.00	40.00	5%	36	-	-
5	41.00	50.00	5%	21	-	-
6	51.00	70	5%	22	-	-
7	71.00	>70	5%	31	-	-
					-	-
					-	-
		More			-	-

PRIMERE WONING +1 (BW23)**PRIMERE WONING +1 (BW23) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PRIMERE WONING +1 (BW23)	460	123 599	-	2 376 395	2 214 900

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +1 (BW23)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
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1	0.00	6.00		106 037	-	-
2	7.00	15.00		7 938	-	-
3	16.00	30.00		5 168	-	-
4	31.00	40.00		1 462	-	-
5	41.00	50.00		863	-	-
6	51.00	70		882	-	-
7	71.00	>70		1 248	-	-
					-	-
					-	-
		More			-	-

PRIMERE WONING +2 (BW24)

PRIMERE WONING +2 (BW24) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PRIMERE WONING +2 (BW24)	22	7 009	-	134 768	125 609

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +2 (BW24)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		5 907	-	-
2	7.00	15.00		498	-	-
3	16.00	30.00		324	-	-
4	31.00	40.00		92	-	-
5	41.00	50.00		54	-	-
6	51.00	70		55	-	-
7	71.00	>70		78	-	-
					-	-
					-	-
		More			-	-

PRIMERE WONING +3 (BW25)

PRIMERE WONING +3 (BW25) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PRIMERE WONING +3 (BW25)	5	1 982	-	38 100	35 511

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +3 (BW25)	-	-	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		1 548	-	-
2	7.00	15.00		196	-	-
3	16.00	30.00		127	-	-
4	31.00	40.00		36	-	-
5	41.00	50.00		21	-	-
6	51.00	70		22	-	-
7	71.00	>70		31	-	-
					-	-
					-	-
		More			-	-

PRIMERE WONING +4 (BW26)

PRIMERE WONING +4 (BW26) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
PRIMERE WONING +4 (BW26)	1	737	-	14 176	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +4 (BW26)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		698	-	-
2	7.00	15.00		18	-	-
3	16.00	30.00		12	-	-
4	31.00	40.00		3	-	-
5	41.00	50.00		2	-	-
6	51.00	70		2	-	-
7	71.00	>70		3	-	-
					-	-
					-	-
		More			-	-

AVAILABILITY FEES

AVAILABILITY FEES information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
AVAILABILITY FEES	1 263	34	-	571 383	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
AVAILABILITY FEES	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		5	-	-
2	6.01	15.00		18	-	-
3	15.01	30.00		12	-	-
4	30.01	40.00		3	-	-
5	40.01	50.00		2	-	-
6	50.01	70		2	-	-
7	70.01	>70		3	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +1 (BW29)

VERHUURBARE EENHEID +1 (BW29) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
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VERHUURBARE EENHEID +1 (BW29)	72	29 718	-	535 478	-
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Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +1 (BW29)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		26 962	-	-
2	6.01	15.00		1 246	-	-
3	15.01	30.00		811	-	-
4	30.01	40.00		229	-	-
5	40.01	50.00		135	-	-
6	50.01	70		138	-	-
7	70.01	>70		196	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +2 (BW30)

VERHUURBARE EENHEID +2 (BW30) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +2 (BW30)	35	27 851	-	183 859	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +2 (BW30)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		26 433	-	-
2	6.01	15.00		641	-	-
3	15.01	30.00		417	-	-
4	30.01	40.00		118	-	-
5	40.01	50.00		70	-	-
6	50.01	70		71	-	-
7	70.01	>70		101	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +3 (BW31)

VERHUURBARE EENHEID +3 (BW31) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +3 (BW31)	20	9 563	-	34 682	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +3 (BW31)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		8 775	-	-
2	6.01	15.00		356	-	-
3	15.01	30.00		232	-	-
4	30.01	40.00		66	-	-
5	40.01	50.00		39	-	-
6	50.01	70		40	-	-
7	70.01	>70		56	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +4 (BW32)**VERHUURBARE EENHEID +4 (BW32) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +4 (BW32)	6	1 804	-	99 464	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +4 (BW32)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		1 646	-	-
2	6.01	15.00		71	-	-
3	15.01	30.00		46	-	-
4	30.01	40.00		13	-	-
5	40.01	50.00		8	-	-
6	50.01	70		8	-	-
7	70.01	>70		11	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +5 (BW33)**VERHUURBARE EENHEID +5 (BW33) information**

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +5 (BW33)	5	5 173	-	36 042	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +5 (BW33)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		4 937	-	-
2	6.01	15.00		107	-	-
3	15.01	30.00		70	-	-
4	30.01	40.00		20	-	-
5	40.01	50.00		12	-	-
6	50.01	70		12	-	-
7	70.01	>70		17	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +6 (BW34)

VERHUURBARE EENHEID +6 (BW34) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +6 (BW34)	3	1 875	-	40 896	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +6 (BW34)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

7
Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		1 717	-	-
2	6.01	15.00		71	-	-
3	15.01	30.00		46	-	-
4	30.01	40.00		13	-	-
5	40.01	50.00		8	-	-
6	50.01	70		8	-	-
7	70.01	>70		11	-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +7 (BW35)

VERHUURBARE EENHEID +7 (BW35) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +7 (BW35)	2	2 127	-	108 280	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +7 (BW35)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

7
Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		2 088	-	-
2	6.01	15.00		18	-	-
3	15.01	30.00		12	-	-
4	30.01	40.00		3	-	-
5	40.01	50.00		2	-	-
6	50.01	70		2	-	-
7	70.01	>70		3	-	-
					-	-
					-	-
					-	-

		More			-	-
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GOURITS KARAVANPARK 100MM -47% REK 4002800020

GOURITS KARAVANPARK 100MM -47% REK 4002800020 information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
GOURITS KARAVANPARK 100MM -47%	1	5 632	-	7 302	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
GOURITS KARAVANPARK 100MM -47%	-	-		-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7
Yes

Do you wish to have a zero price on the first block?

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		5 592	-	-
2	6.01	15.00		18	-	-
3	15.01	30.00		12	-	-
4	30.01	40.00		3	-	-
5	40.01	50.00		2	-	-
6	50.01	70		2	-	-
7	70.01	>70		3	-	-
					-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID +9 (BW37)

VERHUURBARE EENHEID +9 (BW37) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID +9 (BW37)	1	380	-	14 098	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID +9 (BW37)	-	-		-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7
Yes

Do you wish to have a zero price on the first block?

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		340	-	-
2	6.01	15.00		18	-	-
3	15.01	30.00		12	-	-
4	30.01	40.00		3	-	-
5	40.01	50.00		2	-	-
6	50.01	70		2	-	-
7	70.01	>70		3	-	-
					-	-
					-	-
					-	-
		More			-	-

VERHUURBARE EENHEID >9 (BW38)

VERHUURBARE EENHEID >9 (BW38) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
VERHUURBARE EENHEID >9 (BW38)	1	733	-	107 659	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VERHUURBARE EENHEID >9 (BW38)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

7
Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		688	-	-
2	6.01	15.00		18	-	-
3	15.01	30.00		18	-	-
4	30.01	40.00		3	-	-
5	40.01	50.00		2	-	-
6	50.01	70		2	-	-
7	70.01	>70		3	-	-
					-	-
					-	-
		More			-	-

WATER BASIES VERHURINGS -50% (BW40)

WATER BASIES VERHURINGS -50% (BW40) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES VERHURINGS -50% (BW40)	6	5 599	-	22 798	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES VERHURINGS -50% (BW40)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

Do you wish to have a zero price on the first block?

7
Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		58 003	-	-
2	6.01	15.00		10 372	-	-
3	15.01	30.00		10 078	-	-
4	30.01	40.00		4 562	-	-
5	40.01	50.00		3 427	-	-
6	50.01	70		4 697	-	-
7	70.01	>70		30 466	-	-
					-	-
					-	-
		More			-	-

WATER BASIES VERHURINGS -75% (BW41)

WATER BASIES VERHURINGS -75% (BW41) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES VERHURINGS -75% (BW41)	3	1 186	-	1 398	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
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WATER BASIES VERHURINGS -75% (BW4)	-	-	-	-
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Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00	-	24 255	-	-
2	7.00	15.00	-	4 149	-	-
3	16.00	30.00	-	4 031	-	-
4	31.00	40.00	-	1 825	-	-
5	41.00	50.00	-	1 371	-	-
6	51.00	70	-	1 879	-	-
7	71.00	>70	-	12 186	-	-
					-	-
					-	-
		More			-	-

WATER BASIES VERHURINGS -100% (BW42)

WATER BASIES VERHURINGS -100% (BW42) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES VERHURINGS -100% (BW42)	5	73	-	16 351	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES VERHURINGS -100% (BW42)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00	-	76 251	-	-
2	7.00	15.00	-	12 446	-	-
3	16.00	30.00	-	12 094	-	-
4	31.00	40.00	-	5 475	-	-
5	41.00	50.00	-	4 112	-	-
6	51.00	70	-	5 637	-	-
7	71.00	>70	-	36 559	-	-
					-	-
					-	-
		More			-	-

WATER BASIES 25MM -50% KORTING (BW43)

WATER BASIES 25MM -50% KORTING (BW43) information

	Number of customers	Annual volume sold	Fixed costs	Variable costs	Total Revenue Required from Tariff
WATER BASIES 25MM -50% KORTING (BW43)	1	850	-	249 378	-

Fixed water tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
WATER BASIES 25MM -50% KORTING (BW43)	-	-	-	-	-

Inclining block tariff

User must enter tariff to be charged per unit for each block of an IBT except the last. The model calculates the tariff to be charged on the last block in order to meet the revenue requirement.

Select number of blocks

7

Do you wish to have a zero price on the first block?

Yes

Block Number	Bottom of Block	Top of block	% increase in tariffs	Volume of water sold in block	Tariff (R/kl)	Revenue received from block
1	0.00	6.00		850	-	-
2	6.01	15.00			-	-
3	15.01	30.00			-	-
4	30.01	40.00			-	-
5	40.01	50.00			-	-
6	50.01	70			-	-
7	70.01	>70			-	-
					-	-
					-	-
		More			-	-

Scroll to top

Select customer
category

Go to sheet

This sheet calculates the sanitation tariff for each customer category. The DWS Norms and Standards for Water Services (2015) require municipalities to have an inclining block tariff based on volumes of water sold for sanitation. Municipalities can choose whether to combine this with a fixed charge. The tool thus allows the user to set the size of a fixed charge for each customer category. If the user does not wish to apply a fixed charge, they can set this to zero. The user must then specify an inclining block tariff for each customer category.

SUIGTENK BASIES 25MM WATERAANSLUITING (BS25)

SUIGTENK BASIES 25MM WATERAANSLUITING (BS25) information

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
SUIGTENK BASIES 25MM W	22	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
SUIGTENK BASIES 25MM W	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
No

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

SUIGTENK BASIES 32MM WATERAANSLUITING (BS32)

SUIGTENK BASIES 32MM WATERAANSLUITING (BS32) information

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
SUIGTENK BASIES 32MM W	2	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
SUIGTENK BASIES 32MM W	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

SUIGTENK BASIES 40MM WATERAANSLUITING (BS40)

SUIGTENK BASIES 40MM WATERAANSLUITING (BS40) information

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
SUIGTENK BASIES 40MM W	3	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
SUIGTENK BASIES 40MM W	-	-		-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

SUIGTENK BASIES 50MM WATERAANSLUITING (BS50)

SUIGTENK BASIES 50MM WATERAANSLUITING (BS50) information

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
SUIGTENK BASIES 50MM W	25	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
SUIGTENK BASIES 50MM W	-	-		-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

information

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-		-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-

8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Do you wish to have a zero price on the first block?

Yes

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Do you wish to have a zero price on the first block?

Yes

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
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#REF! - - - -

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-

9		0.01				-	-	-	-
10		0.01	More			-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

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Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10
Yes

Do you wish to have a zero price on the first block?

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

Fixed sanitation tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

Inclining block tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the return flow, top of each block, the % increase in tariffs per estimated kl of wastewater returned between tariff blocks and the volume of water sold in each block in the grey highlighted cells. The model calculates the tariffs and revenue received from each block.

Select number of blocks

10

Do you wish to have a zero price on the first block?

Yes

Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
-	-	-	-	-

#REF!

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Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
-	-	-	-	-

#REF!

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Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
-	-	-	-	-

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Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
-	-	-	-	-

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1		0.00			-	-	-	-	-	-
2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-

10		0.01	More		-	-	-	-
----	--	------	------	--	---	---	---	---

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
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2		0.01				-	-	-	-	-
3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

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	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
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3		0.01				-	-	-	-	-
4		0.01				-	-	-	-	-
5		0.01				-	-	-	-	-
6		0.01				-	-	-	-	-
7		0.01				-	-	-	-	-
8		0.01				-	-	-	-	-
9		0.01				-	-	-	-	-
10		0.01	More			-	-	-	-	-

#REF!

#REF!

	Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
#REF!	-	-	-	-	-

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	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
#REF!	-	-	-	-	-

Inclining block tariff

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Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
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2		0.01				-	-	-		-
3		0.01				-	-	-		-
4		0.01				-	-	-		-
5		0.01				-	-	-		-
6		0.01				-	-	-		-
7		0.01				-	-	-		-
8		0.01				-	-	-		-
9		0.01				-	-	-		-
10		0.01	More			-	-	-		-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
-	-	-	-	-

#REF!

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Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
-	-	-	-	-

#REF!

Inclining block tariff

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1		0.00			-	-	-	-		-
2		0.01				-	-	-		-
3		0.01				-	-	-		-
4		0.01				-	-	-		-
5		0.01				-	-	-		-
6		0.01				-	-	-		-
7		0.01				-	-	-		-
8		0.01				-	-	-		-
9		0.01				-	-	-		-
10		0.01	More			-	-	-		-

#REF!

#REF!

Number of customers	Fixed costs	Variable costs	Total Revenue Required from Tariff	Total annual water sales volume (kl)
-	-	-	-	-

#REF!

Fixed sanitation tariff

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Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer (per month)	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
-	-	-	-	-

#REF!

Inclining block tariff

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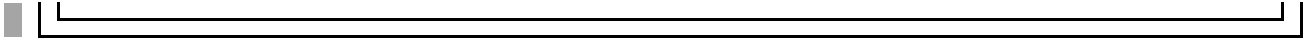
Select number of blocks

10

Do you wish to have a zero price on the first block?

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Block Number	Return flow	Bottom of block	Top of block	% increase in tariffs per estimated kl of wastewater returned	Volume of water sold in block	Estimated volume of wastewater returned in block	Tariff per estimated kl of wastewater returned	Tariff per kl water sold	% increase in tariffs per kl of water sold	Revenue received from block
1		0.00			-	-	-	-		-
2		0.01				-	-	-		-
3		0.01				-	-	-		-
4		0.01				-	-	-		-
5		0.01				-	-	-		-
6		0.01				-	-	-		-
7		0.01				-	-	-		-
8		0.01				-	-	-		-
9		0.01				-	-	-		-
10		0.01	More			-	-	-		-



Scroll to top

Select customer category

Go to sheet

Indigents

This sheet calculates the electricity tariff for each customer category. NERSA require municipalities to have an inclining block tariff for electricity. Municipalities can choose whether to combine this with a fixed charge. The tool thus allows the user to set the size of a fixed charge for each customer category. If the user does not wish to apply a fixed charge, they can set this to zero. The user must then specify an inclining block tariff for each customer category. The user can choose either an inclining block tariff that applies throughout the year, or a seasonal inclining block tariff that differs in high or low season.

A01 SINGLE PHASE INDIGENT (50 BSST)

A01 SINGLE PHASE INDIGENT (50 BSST) information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
A01 SINGLE PHASE INDIGENT	4704	9 436 803	8 245 535	22 350 806	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
A01 SINGLE PHASE INDIGENT	8 245 535	146.09	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		3 727 184	-	-
2	51.00	350		5 312 483	-	-
3	351.00	600		296 816	-	-
4	601.00	>600		100 320	-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

A04 SINGLE PHASE <150KWH 33-63Amps

A04 SINGLE PHASE <150KWH 33-63Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
A04 SINGLE PHASE <150KWH	39	61 624	69 052	145 955	-	123 289

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
A04 SINGLE PHASE <150KWH	69 052	146.09	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		38 546	-	1.9 - 74 165
2	51.00	350	10%	22 553	-	2.1 - 47 894
3	351.00	600	10%	525	-	2.34 - 1 230
4	600.01	>600	10%		-	2.59 -
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps

A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
A10 SINGLE PHASE NI (ALT	2884	5 866 647	5 054 971	13 894 991	-	10 866 207

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
A10 SINGLE PHASE NI (ALT	5 054 971	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

Do you wish to have a zero price on the first block?

4
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50.0		2 224 217	-	1.9 - 4 119 696
2	51.00	350		3 142 059	-	1.9 - 5 819 724
3	351.00	600		347 932	-	1.85 - 644 439
4	601.00	>600		152 439	-	1.85 - 282 348
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

B01 NI SINGLE PHASE 0-32Amps

B01 NI SINGLE PHASE 0-32Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
B01 NI SINGLE PHASE 0-32	4854	3 318 105	8 509 350	7 858 839	-	9 385 777

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
B01 NI SINGLE PHASE 0-32	8 509 350	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		3 255 583	-	2.8 - 9 208 925
2	51.00	350		54 224	-	2.8 - 153 382
3	351.00	600		6 892	-	2.83 - 19 494
4	601.00	>600		1 406	-	2.83 - 3 976
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5
No

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-	-	-	-
2	0.01						-	-	-	-	-
3	0.01						-	-	-	-	-
4	0.01						-	-	-	-	-
5	0.01	More					-	-	-	-	-

B03 NI SINGLE PHASE 33-63Amps**B03 NI SINGLE PHASE 33-63Amps information**

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
B03 NI SINGLE PHASE 33-6	2420	13 952 573	4 242 281	33 046 283	-	21 381 850

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
B03 NI SINGLE PHASE 33-6	4 242 281	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		6 761 315	-	1.5 - 10 361 488
2	51.00	350		4 754 698	-	1.5 - 7 286 416
3	351.00	600		1 539 585	-	1.53 - 2 359 363
4	601.00	>600		896 975	-	1.53 - 1 374 584
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales
High season tariff block 1 as % of low season tariff block 1
Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00	50			-	-	-	-		-	-
2	51.00	350					-	-		-	-
3	351.00	600					-	-		-	-
4	601.00						-	-		-	-
5	0.01	More					-	-		-	-

B05 NI THREE PHASE 0-32Amps

B05 NI THREE PHASE 0-32Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
B05 NI THREE PHASE 0-32A	4	30 444	7 082	72 105	-	45 407

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
B05 NI THREE PHASE 0-32A	7 082	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks
Do you wish to have a zero price on the first block?

4
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		- 23 902	1.5	35 650
2	51.00	350		11 942	1.5	17 812
3	351.00	600		6 420	1.49	9 575
4	601.00	>600		35 983	1.49	53 670
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks
High season energy sales
Low season energy sales
High season tariff block 1 as % of low season tariff block 1
Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00	50			-	-	-	-		-	-
2	51.00	350					-	-		-	-
3	351.00	600					-	-		-	-
4	601.00						-	-		-	-
5	0.01	More					-	-		-	-

B07 NI THREE PHASE 33-63Amps

B07 NI THREE PHASE 33-63Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
B07 NI THREE PHASE 33-63	11	94 839	19 476	224 624	-	139 971

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
B07 NI THREE PHASE 33-63	19 476	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		24 655	-	36 387
2	51.00	350		27 924	-	41 212
3	351.00	600		15 695	-	23 164
4	601.00	>600		26 565	-	39 207
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

D01 MUNICIPAL FACILITIES - RENTALS (EL 32)**D01 MUNICIPAL FACILITIES - RENTALS (EL 32) information**

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
D01 MUNICIPAL FACILITIES	75	29 379	131 022	69 583	-	115 030

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
D01 MUNICIPAL FACILITIES	131 022	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		29 379	-	115 030
2	51.00	350			-	-
3	351.00	600			-	-
4	601.00	>600			-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)

D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31) information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
D02 MUNICIPAL RESORT M	2	10 065	3 541	23 839	-	15 700

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
D02 MUNICIPAL RESORT M	3 541	146.09	-	-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50	-	1 384	1.6	2 160
2	51.00	350	-	9 238	1.6	14 410
3	351.00	600	-	2 212	1.56	3 450
4	601.00	>600	-	-	1.56	-
		More	-	-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

0

information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
0	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
0	-	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50	-	10 976	-	-
2	51.00	350	-	10 637	-	-
3	351.00	600	-	339	-	-
4	601.00	>600	-	-	-	-
		More	-	-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

0

information

Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
0	0	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
0	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		- 2 189 780	-	-
2	51.00	350		1 820 199	-	-
3	351.00	600		309 577	-	-
4	601.00	>600		60 004	-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

0

information

Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
M06 MONTHLY NI SINGLE	0	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)

M06 MONTHLY NI SINGLE

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		- 3 700 576	-	-
2	51.00	350	10%	2 654 050	-	-
3	351.00	600	10%	764 698	-	-
4	601.00	>600	10%	281 828	-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

0

Information

Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
0	0	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
0	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		- 59 848	-	-
2	51.00	350		10 715	-	-
3	351.00	600		8 400	-	-
4	601.00	>600		40 733	-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
--------------	-----------------	--------------	-----------------------------------	----------------------------------	--	---	--------------------	-------------------	--	---------------------	--------------------

1	0.00				-	-	-	-	-	-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C01 COMMERCIAL SINGLE PHASE 0-32Amps

C01 COMMERCIAL SINGLE PHASE 0-32Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C01 COMMERCIAL SINGLE	69	329 354	120 399	780 066	-	305 229

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C01 COMMERCIAL SINGLE	120 399	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		329 354	-	305 229
				-	-	-
				-	-	-
				-	-	-
				-	-	-
		More		-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C03 COMMERCIAL SINGLE PHASE 33-63Amps

C03 COMMERCIAL SINGLE PHASE 33-63Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C03 COMMERCIAL SINGLE	167	1 830 386	292 144	4 335 219	-	1 568 531

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C03 COMMERCIAL SINGLE	292 144	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue		
1	0.00	9999		1 830 386	-	0.9	-	1 568 531
				-	-	-	-	-
				-	-	-	-	-
		More		-	-	-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C04 COMMERCIAL SINGLE PHASE 64-100Amps

C04 COMMERCIAL SINGLE PHASE 64-100Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C04 COMMERCIAL SINGLE	364	1 714	637 404	4 060	-	217 436

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C04 COMMERCIAL SINGLE	637 404	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

Do you wish to have a zero price on the first block?

1
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		1 714	-	126.9
		0			-	-
		0			-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C05 COMMERCIAL THREE PHASE 0-32Amps

C05 COMMERCIAL THREE PHASE 0-32Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
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C05 COMMERCIAL THREE F	8	214 525	14 165	508 096	-	-	177 030
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Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C05 COMMERCIAL THREE F	14 165	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		214 525	-	0.8 - 177 030
				-	-	-
				-	-	-
				-	-	-
		More		-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C07 COMMERCIAL THREE PHASE 33-63Amps

Information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C07 COMMERCIAL THREE F	44	1 227 350	77 905	2 906 945	-	- 1 011 771

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C07 COMMERCIAL THREE F	77 905	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		1 227 350	-	0.8 - 1 011 771
				-	-	-
				-	-	-
				-	-	-
		More		-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks
High season energy sales
Low season energy sales
High season tariff block 1 as % of low season tariff block 1
Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

C08 COMMERCIAL THREE PHASE 64-100Amps

C08 COMMERCIAL THREE PHASE 64-100Amps information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C08 COMMERCIAL THREE	3	275 459	5 312	652 416	-	222 949

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C08 COMMERCIAL THREE	5 312	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks
Do you wish to have a zero price on the first block?

1
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		275 459	0.8	222 949
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks
High season energy sales
Low season energy sales
High season tariff block 1 as % of low season tariff block 1
Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
5	0.01	More					-	-		-	-

ELECTRICITY 71-500 KVA RIVERSDALE MUNICIPALITY

C09 COMMERCIAL SINGLE AND THREE PHASE

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
C09 COMMERCIAL SINGLE	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
C09 COMMERCIAL SINGLE	-	-		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
				-	-	-
				-	-	-
				-	-	-
		More		-	-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

4

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

ELECTRICITY F1 RIVERSDALE MUNICIPALITY

ELECTRICITY F1 RIVERSDALE MUNICIPALITY information

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
ELECTRICITY F1 RIVERSDAL	127	1 753 285	223 092	4 152 608	-	1 483 225

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
ELECTRICITY F1 RIVERSDAL	223 092	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		1 753 285	0.8	1 483 225
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
							-	-		-	-
							-	-		-	-
							-	-		-	-
		More					-	-		-	-

ELECTRICITY STREET LIGHTS

M13 MONTHLY SINGLE PHASE 33-63Amps - COMMERCIAL

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
M13 MONTHLY SINGLE PH	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
M13 MONTHLY SINGLE PH	-	-		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

CONVENTIONAL HUIS WALLACE ANDERSON

M15 MONTHLY THREE PHASE 0-32Amps - COMMERCIAL

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
M15 MONTHLY THREE PHA	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
M15 MONTHLY THREE PHA	-	-		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

0

M17 MONTHLY THREE PHASE 33-63Amps - COMMERCIAL

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
M17 MONTHLY THREE PHA	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
M17 MONTHLY THREE PHA	-	-		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

Do you wish to have a zero price on the first block?

1
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps

M18 MONTHLY THREE PHASE 64-100Amps - COMMERCIAL

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
M18 MONTHLY THREE PHA	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
M18 MONTHLY THREE PHA	-	-		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)

DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
DOMESTIC CONVENTIONA	188	571 010	329 326	1 352 420	-	570 059

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
DOMESTIC CONVENTIONA	329 326	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		18 536	1.0	18 505
2	51.00	350		334 939	1.0	334 381
3	351.00	600		126 338	1.0	126 128
4	601.00	>600		91 196	1.0	91 044
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)**DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)**

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
DOMESTIC CONVENTIONAL	2680	10 881 389	4 697 317	25 772 267	-	17 471 740

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
DOMESTIC CONVENTIONAL	4 697 317	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		964 709	-	1.6 - 1 548 988
2	51.00	350		6 012 019	-	1.6 - 9 653 219
3	351.00	600		2 267 725	-	1.61 - 3 641 181
4	601.00	>600		1 636 936	-	1.61 - 2 628 352
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHD32)**DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHD32)**

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
DOMESTIC CONVENTIONAL	7	48 187	12 394	114 130	-	72 551

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
12 394	146.09		-	-

DOMESTIC CONVENTIONAL

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		58 444	1.5	87 993
2	51.00	350		64 645	1.5	97 330
3	351.00	600		24 384	1.51	36 713
4	601.00	>600		17 601	1.51	26 501
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-	-	-	-
2	0.01						-	-	-	-	-
3	0.01						-	-	-	-	-
4	0.01						-	-	-	-	-
		More					-	-	-	-	-

DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHD63)

DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHD63)

Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
51	537 831	88 528	1 273 838	-	781 202

DOMESTIC CONVENTIONAL

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
88 528	146.09		-	-

DOMESTIC CONVENTIONAL

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

4

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	50		431 200	1.5	626 320
2	51.00	350		64 645	1.5	93 898
3	351.00	600		24 384	1.45	35 418
4	601.00	>600		17 601	1.45	25 566
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-	-	-	-
2	0.01						-	-	-	-	-
3	0.01						-	-	-	-	-
4	0.01						-	-	-	-	-
		More					-	-	-	-	-

COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)

COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
COMMERCIAL CONVENTIO	27	91 946	47 805	217 772	-	90 023

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
COMMERCIAL CONVENTIO	47 805	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		91 946	1.0	90 023
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-	-	-	-
2	0.01						-	-	-	-	-
3	0.01						-	-	-	-	-
4	0.01						-	-	-	-	-
		More					-	-	-	-	-

COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)

COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
COMMERCIAL CONVENTIO	85	910 456	148 728	2 156 391	-	781 363

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
COMMERCIAL CONVENTIO	148 728	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		910 456	0.9	781 363
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)**COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)**

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
COMMERCIAL CONVENTIO	12	127 680	21 247	302 407	-	109 709

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
COMMERCIAL CONVENTIO	21 247	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		127 680	0.9	109 709
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
COMMERCIAL CONVENTIO	162	5 362 229	283 291	12 700 292	-	4 401 029

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
COMMERCIAL CONVENTIO	283 291	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		5 362 229	0.8	4 401 029
		0			-	-
		0			-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5
No

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)

COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
COMMERCIAL CONVENTIO	64	2 863 489	111 546	6 782 095	-	2 336 729

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
COMMERCIAL CONVENTIO	111 546	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
--------------	-----------------	--------------	------------------------------	---------------------------------------	---------------	----------------

1	0.00	9999		2 863 489	-	0.8	-	2 336 729
						-		-
						-		-
						-		-
		More				-		-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)

INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
INDUSTRIAL/BULK CONSUM	4	809 509	7 082	1 917 299	-	652 305

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
INDUSTRIAL/BULK CONSUM	7 082	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

Do you wish to have a zero price on the first block?

1
No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		809 509	-	652 305
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

4
No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)

INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
INDUSTRIAL/BULK CONSUM	139	13 282 908	244 338	31 460 199	-	10 746 848

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
INDUSTRIAL/BULK CONSUMERS	244 338	146.09		-	-

Error: revenue from fixed charges exceeds total revenue required from tariff. Reduce fixed charge.

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		13 282 908	0.8	10 746 848
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

AGRICULTURAL CONSUMERS <25kVA (BE09)

AGRICULTURAL CONSUMERS <25kVA (BE09)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
AGRICULTURAL CONSUMERS	42	1 840 247	74 364	4 358 575	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
AGRICULTURAL CONSUMERS	74 364	146.09		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		1 840 247	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

AGRICULTURAL CONSUMERS 25kVA - 50kVA (BE10)

AGRICULTURAL CONSUMERS 25kVA - 50kVA (BE10)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
AGRICULTURAL CONSUMER	22	910 400	38 952	2 156 257	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
AGRICULTURAL CONSUMER	38 952	146.09		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		910 400	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

AGRICULTURAL CONSUMERS 51kVA - 100kVA (BE11)

AGRICULTURAL CONSUMERS 51kVA - 100kVA (BE11)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
AGRICULTURAL CONSUMER	10	1 070 788	17 706	2 536 131	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
AGRICULTURAL CONSUMER	17 706	146.09		-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		1 070 788	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5
No

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

ELECTRICITY PREPAID COMMERCIAL

CONVENTIONAL HUIS WALLACE ANDERSON (AMNA01)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
CONVENTIONAL HUIS WAL	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
CONVENTIONAL HUIS WAL	-	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1
No

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5
No

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

ELECTRICITY DOMESTIC PREPAID MONTHLY

OCCASSIONAL PREPAID METERS

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
OCCASSIONAL PREPAID METER	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
OCCASSIONAL PREPAID METER	-	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

5

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

0

STREETLIGHT METERING POINTS (AMKE32)

	Number of customers	Annual energy sales	Customer costs	Energy costs	Demand costs	Revenue required
STREETLIGHT METERING POINT	0	-	-	-	-	-

Fixed electricity tariff

User must enter fixed charge to be charged per customer. Zero can be entered if no fixed cost is to be applied. The tool provides the fixed cost per customer as a guide.

	Fixed costs per customer category	Fixed cost per customer per month	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
STREETLIGHT METERING POINT	-	-	-	-	-

Inclining block tariff

User must first select the inclining block tariff type by clicking on the grey highlighted cell. User must then enter the data inputs required for the chosen IBT type.

Select IBT type

Annual

Annual Inclining Block Tariff

User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the top of each block, the % increase in annual tariffs between tariff blocks in the grey cells and the volume of annual energy sold in each block in the yellow cells.

Select number of blocks

1

Do you wish to have a zero price on the first block?

No

Block Number	Bottom of block	Top of block	% increase in annual tariffs	Volume of annual energy sold in block	Annual tariff	Annual revenue
1	0.00	9999		-	-	-
					-	-
					-	-
					-	-
		More			-	-

Seasonal Inclining Block Tariff
User must select the number of blocks by clicking on the grey highlighted cell. User must then enter the high and low season energy sales, the high season tariff block 1 as a % of low season tariff block 1, the top of each block, the % increase in seasonal tariffs between tariff blocks and the volume of energy sold in the high and low season for each block except the first in the yellow or grey highlighted cells.

Select number of blocks

High season energy sales

Low season energy sales

High season tariff block 1 as % of low season tariff block 1

Do you wish to have a zero price on the first block?

5

No

Block Number	Bottom of block	Top of block	% increase in high season tariffs	% increase in low season tariffs	Volume of energy sold in high season per block	Volume of energy sold in low season per block	High season tariff	Low Season Tariff	High season tariff as % of low season tariff	High season revenue	Low season revenue
1	0.00				-	-	-	-		-	-
2	0.01						-	-		-	-
3	0.01						-	-		-	-
4	0.01						-	-		-	-
		More					-	-		-	-

This sheet calculates the solid waste fixed charge per customer category per month.

VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL

VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS 1 VERWYDERING/WEEK RES	13 900	- 18 822 257	- 18 822 257

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS 1 VERWYDERING/WEEK RES	- 1 354	- 112.85	- 18 822 257	- 1 568 521

VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL

VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS BESIGHEID/KOMMERSIEEL	409	- 83 188	- 83 188

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS BESIGHEID/KOMMERSIEEL	- 203	- 16.95	- 83 188	- 6 932

VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK

VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS GROOTMAAT MAKSIMUM	24	- 32 825	- 32 825

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
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VULLIS GROOTMAAT MAKSIMUM	-	1 354	-	112.85	-	32 825	-	2 735
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VULLIS RESIDENSIEEL 20% KORTING

VULLIS RESIDENSIEEL 20% KORTING information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS RESIDENSIEEL 20% KORTING	178	- 240 715	- 240 715

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS RESIDENSIEEL 20% KORTING	- 1 354	- 112.85	- 240 715	- 20 060

VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK

VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS GROOTMAAT MAKSIMUM	4	- 5 471	- 5 471

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS GROOTMAAT MAKSIMUM	- 1 354	- 112.85	- 5 471	- 456

VULLIS INFORMELE BEHUISING

VULLIS INFORMELE BEHUISING information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS INFORMELE BEHUISING	602	- 815 148	- 815 148

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS INFORMELE BEHUISING	- 1 354	- 112.85	- 815 148	- 67 929

VULLIS GROOTMAAT BESIGHEDE 20% KORTING

VULLIS GROOTMAAT BESIGHEDE 20% KORTING information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	2	2 735	2 735

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS GROOTMAAT BESIGHEDE 20% KORTING	1 354	112.85	2 735	228

PERSONEEL AMPTELIKE WONINGS

PERSONEEL AMPTELIKE WONINGS information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PERSONEEL AMPTELIKE WONINGS	11	15 045	15 045

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PERSONEEL AMPTELIKE WONINGS	1 354	112.85	15 045	1 254

VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING

VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	7	9 574	9 574

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
VULLIS ROLBAL EN ANDER SPORTKLUBS -50% KORTING	1 354	112.85	9 574	798

PRIMERE WONING +1

PRIMERE WONING +1 information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PRIMERE WONING +1	458	- 619 567	- 619 567

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +1	- 1 354	- 112.85	- 619 567	- 51 631

PRIMERE WONING +2**PRIMERE WONING +2 information**

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PRIMERE WONING +2	22	- 30 089	- 30 089

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +2	- 1 354	- 112.85	- 30 089	- 2 507

PRIMERE WONING +3**PRIMERE WONING +3 information**

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PRIMERE WONING +3	4	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +3	-	-	-	-

PRIMERE WONING +4**PRIMERE WONING +4 information**

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PRIMERE WONING +4	1	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +4	-	-	-	-

PRIMERE WONING +5

PRIMERE WONING +5 information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
PRIMERE WONING +5	1	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
PRIMERE WONING +5	-	-	-	-

DEELTITEL BESIGHEID

DEELTITEL BESIGHEID information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
DEELTITEL BESIGHEID	55	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
DEELTITEL BESIGHEID	-	-	-	-

besigheied VERHUURBARE EENHEID +1

besigheied VERHUURBARE EENHEID +1 information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
besigheied VERHUURBARE EENHEID	-	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
besigheid VERHUURBARE EENHEID	-	-	-	-

besigheid VERHUURBARE EENHEID +2

besigheid VERHUURBARE EENHEID +2 information

	Number of customers	Fixed costs	Total Revenue Required from Tariff
besigheid VERHUURBARE EENHEID	38	-	-

Fixed solid waste tariff

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
besigheid VERHUURBARE EENHEID	-	-	-	-

#REF!

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#REF!

	Number of customers	Fixed costs	Total Revenue Required from Tariff
	-	-	-

Fixed solid waste tariff

#REF!

	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
	-	-	-	-

#REF!

#REF!

#REF!

	Number of customers	Fixed costs	Total Revenue Required from Tariff
	-	-	-

Fixed solid waste tariff

#REF!	Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
	-	-	-	-

#REF!

#REF!

Number of customers	Fixed costs	Total Revenue Required from Tariff
-	-	-

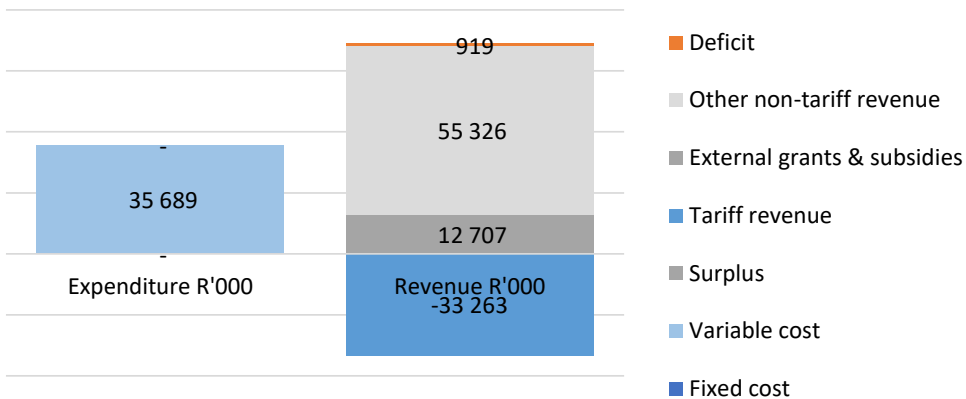
Fixed solid waste tariff

#REF!

Fixed costs per customer category	Fixed charge per customer per month	Revenue from fixed charges (Annual)	Revenue from fixed charges (Monthly)
-	-	-	-

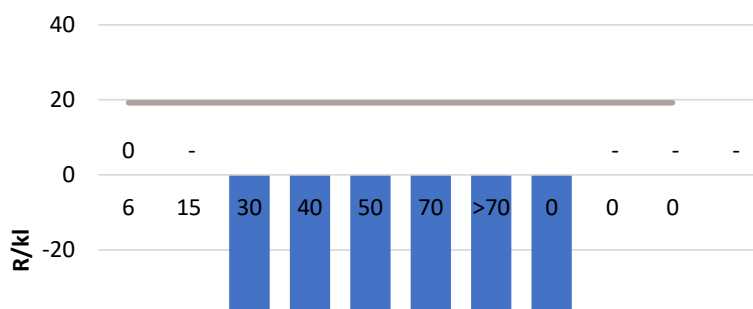
WATER BASIES 20MM (BW01)

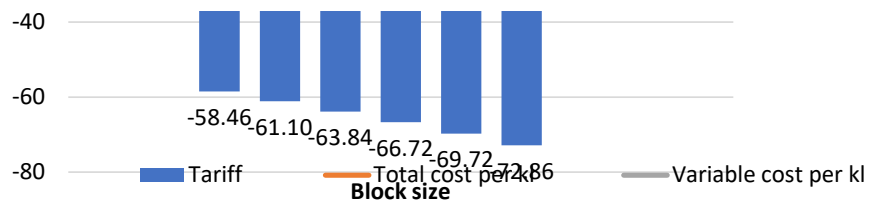
	(R)
Fixed cost	-
Variable cost	35 688 776
Total cost	35 688 776
Surplus generated	-
Property rates allocated	-
Other income allocated	52 623 340
Other service charges allocated	2 703 139
External grants and subsidies allocated	12 706 780
Total non-tariff revenue	68 033 260
Deficit allowed	918 963
Tariff revenue required	- 33 263 446.44



	(R)
Cost per kl	19.23
Tariff revenue required per kl	- 17.92
Surcharge/ deficit % of cost	0.03
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

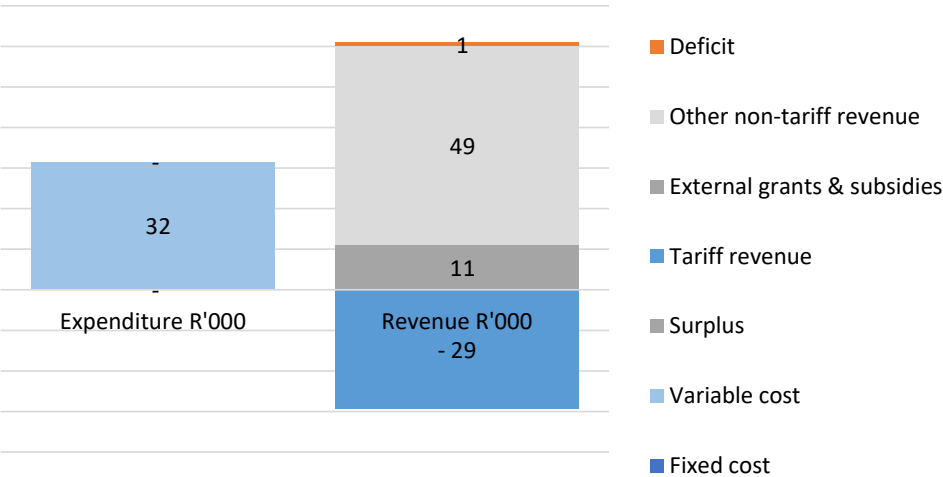
Consumption-based charge





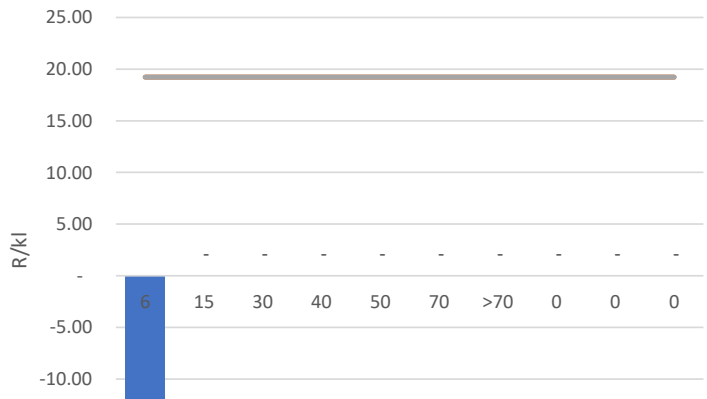
IRRIGATION MUNICIPALITY

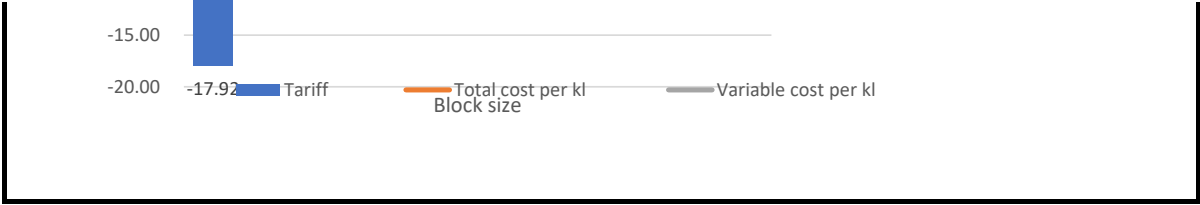
	(R)
Fixed cost	-
Variable cost	31 536
Total cost	31 536
Surplus generated	-
Property rates allocated	-
Other income allocated	46 501
Other service charges allocated	2 389
External grants and subsidies allocated	11 228
Total non-tariff revenue	60 118
Deficit allowed	812
Tariff revenue required	- 29 393



Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

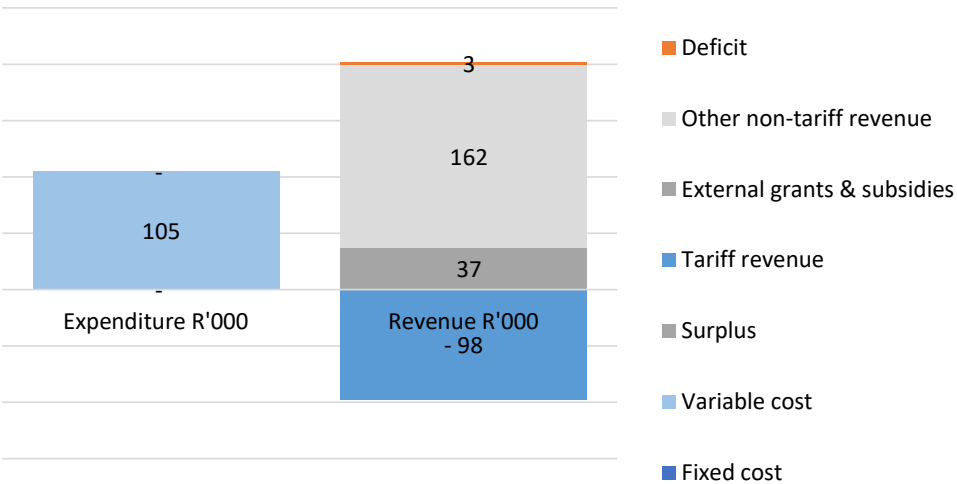
Consumption-based charge





WATER BASIES 32MM (BW03)

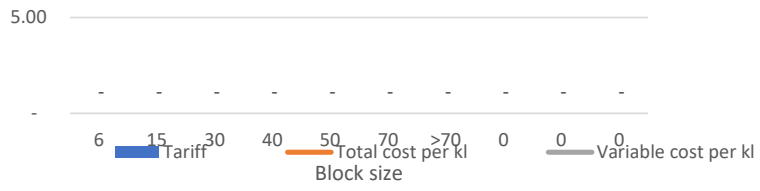
	(R)
Fixed cost	-
Variable cost	104 688
Total cost	104 688
Surplus generated	-
Property rates allocated	-
Other income allocated	154 363
Other service charges allocated	7 929
External grants and subsidies allocated	37 273
Total non-tariff revenue	199 565
Deficit allowed	2 696
Tariff revenue required	- 97 573



Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

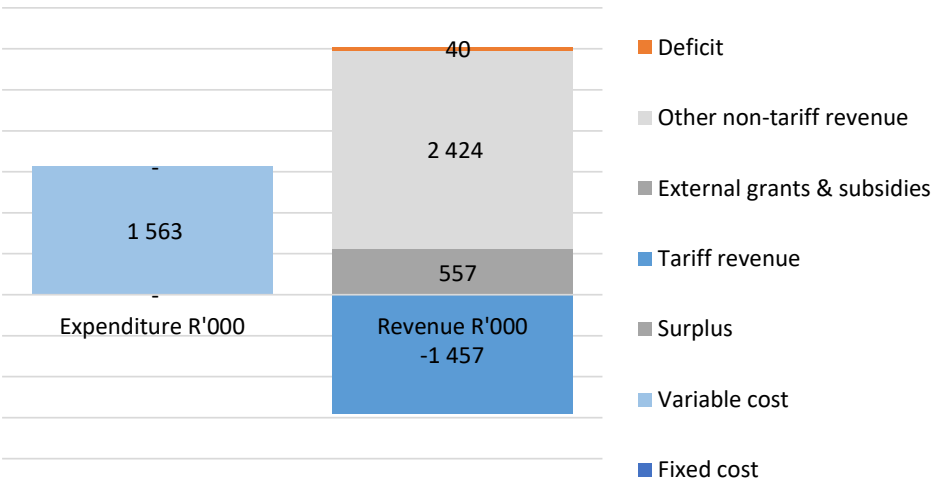
Consumption-based charge





WATER BASIES 50MM (BW04)

	(R)
Fixed cost	-
Variable cost	1 563 342
Total cost	1 563 342
Surplus generated	-
Property rates allocated	-
Other income allocated	2 305 159
Other service charges allocated	118 411
External grants and subsidies allocated	556 619
Total non-tariff revenue	2 980 188
Deficit allowed	40 255
Tariff revenue required	- 1 457 101

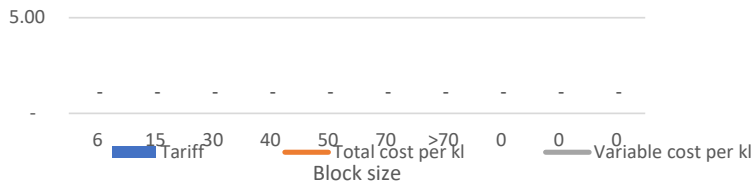


Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%

Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

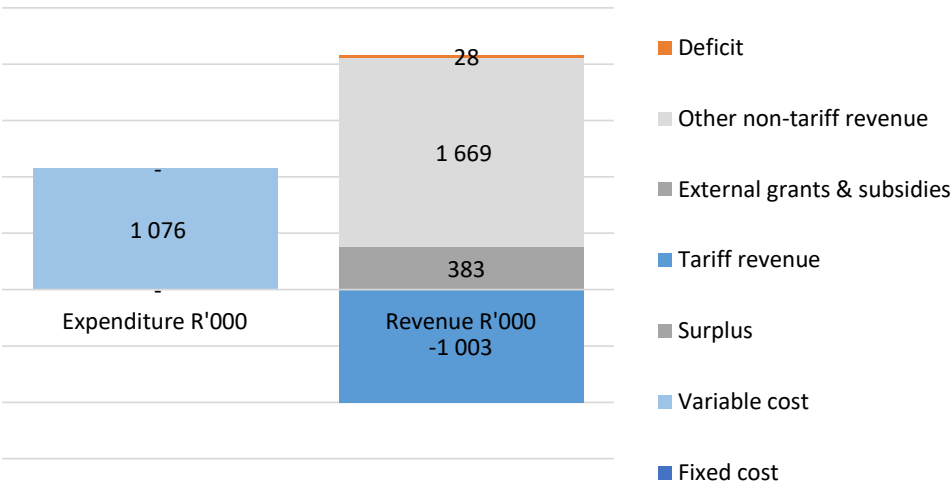
Consumption-based charge





WATER BASIES 25MM (BW05)

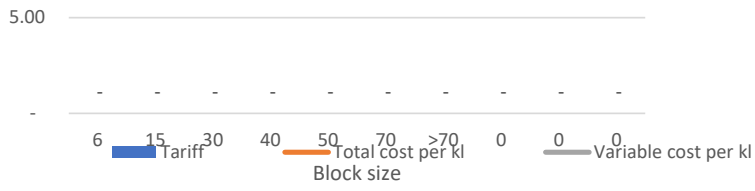
	(R)
Fixed cost	-
Variable cost	1 076 490
Total cost	1 076 490
Surplus generated	-
Property rates allocated	-
Other income allocated	1 587 291
Other service charges allocated	81 535
External grants and subsidies allocated	383 278
Total non-tariff revenue	2 052 105
Deficit allowed	27 719
Tariff revenue required	- 1 003 334



Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

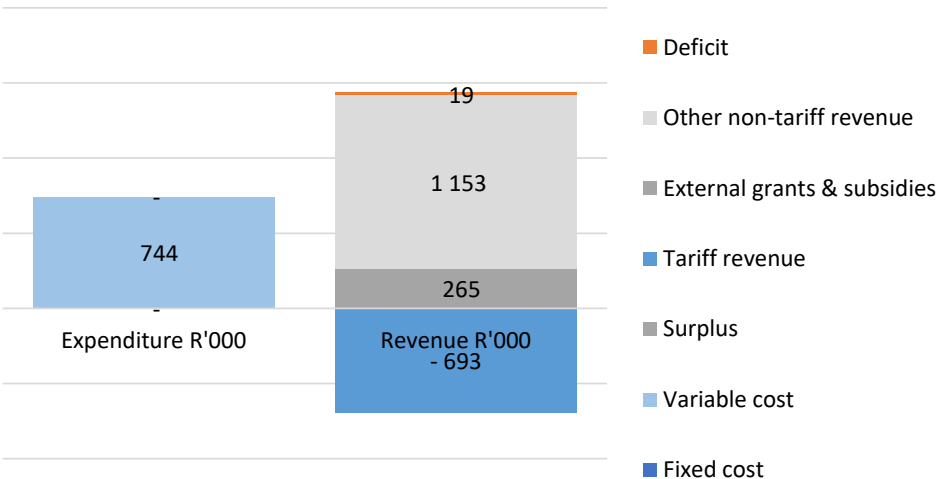
Consumption-based charge





PALINGGAT & STILWATERS 22266105&22267010&249017012 -20% (BW06)

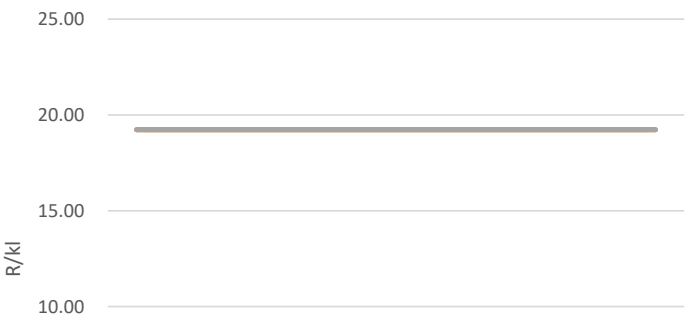
	(R)
Fixed cost	-
Variable cost	743 629
Total cost	743 629
Surplus generated	-
Property rates allocated	-
Other income allocated	1 096 487
Other service charges allocated	56 324
External grants and subsidies allocated	264 765
Total non-tariff revenue	1 417 576
Deficit allowed	19 148
Tariff revenue required	- 693 094

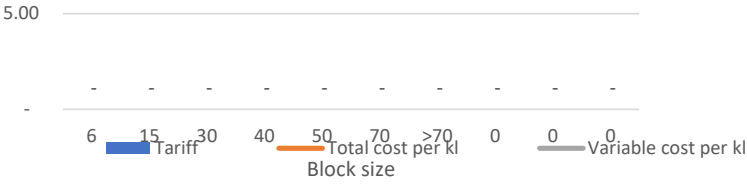


Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%

Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

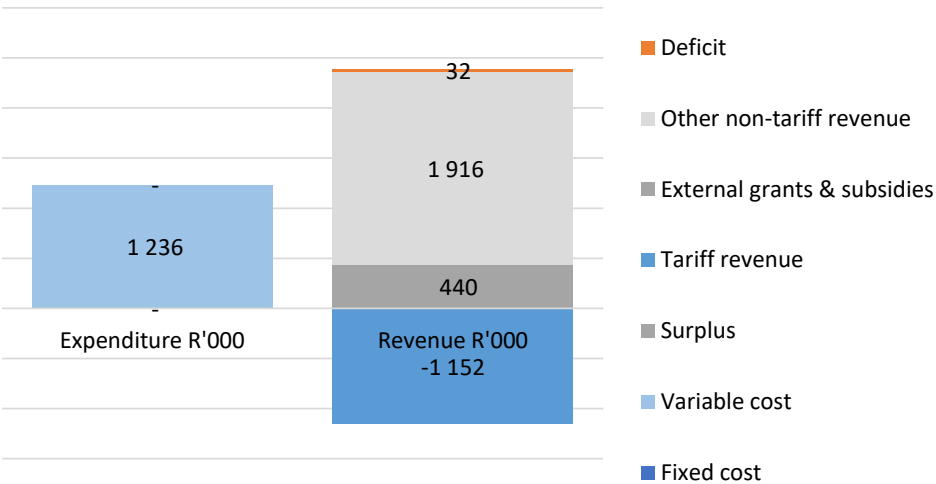
Consumption-based charge





WATER BASIES 100MM (BW07)

	(R)
Fixed cost	-
Variable cost	1 235 745
Total cost	1 235 745
Surplus generated	-
Property rates allocated	-
Other income allocated	1 822 114
Other service charges allocated	93 598
External grants and subsidies allocated	439 980
Total non-tariff revenue	2 355 691
Deficit allowed	31 820
Tariff revenue required	- 1 151 766

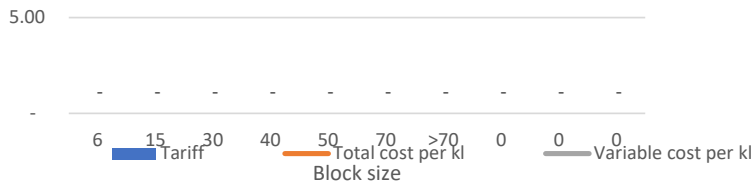


Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%

Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

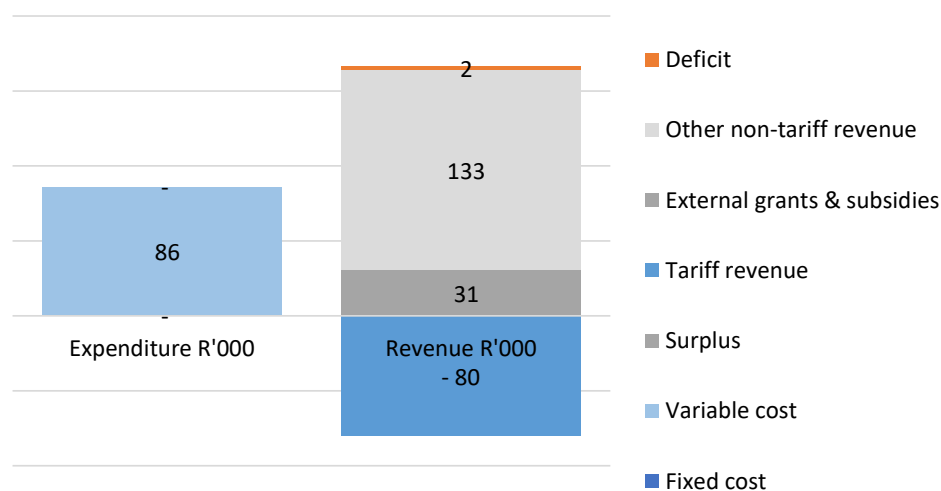
Consumption-based charge





BASIC WATER 20% DISCOUNT (BW08)

	(R)
Fixed cost	-
Variable cost	86 084
Total cost	86 084
Surplus generated	-
Property rates allocated	-
Other income allocated	126 932
Other service charges allocated	6 520
External grants and subsidies allocated	30 650
Total non-tariff revenue	164 102
Deficit allowed	2 217
Tariff revenue required	- 80 234

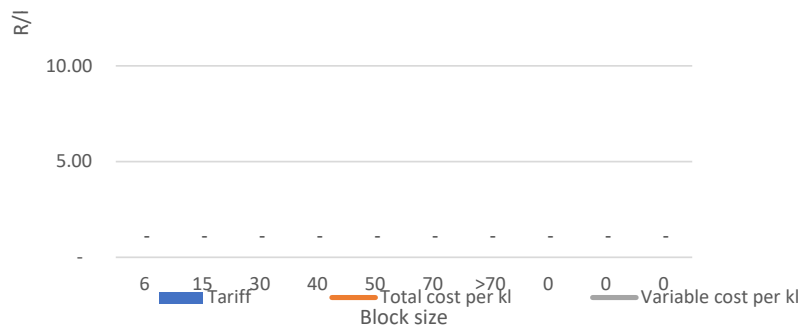


Cost (R per kl)	19.23
Tariff revenue required (R per kl)	- 17.92
Surcharge/ deficit % of cost	3%

Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

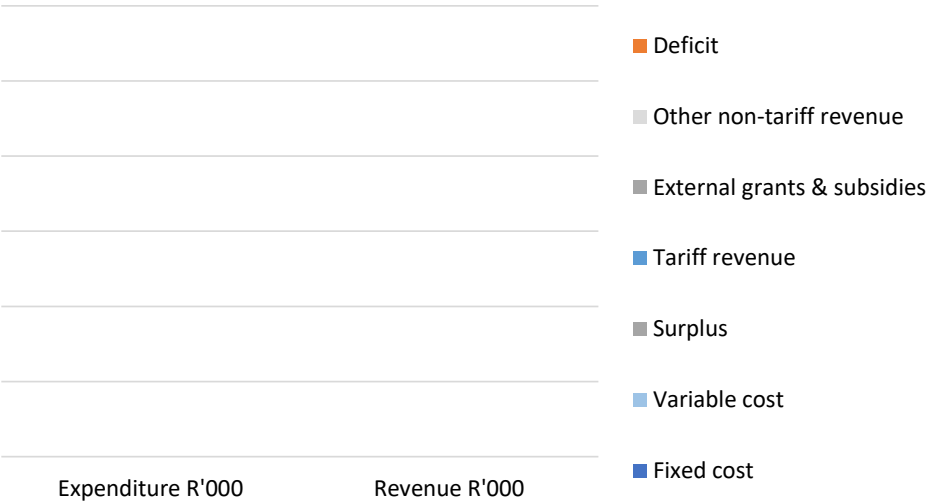
Consumption-based charge





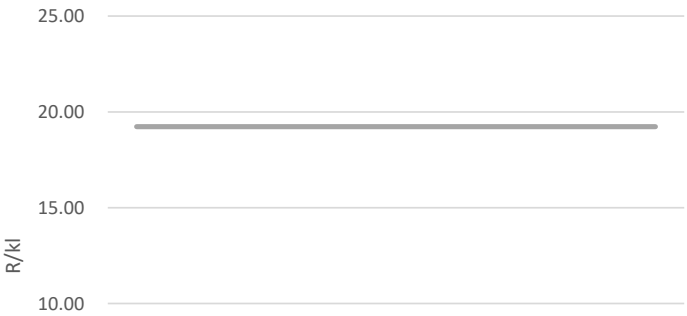
GOURITS KARAVANPARK 100MM -47% REK 4002800020

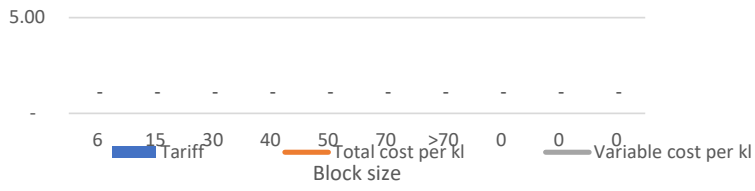
	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kl)	#N/A
Tariff revenue required (R per kl)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

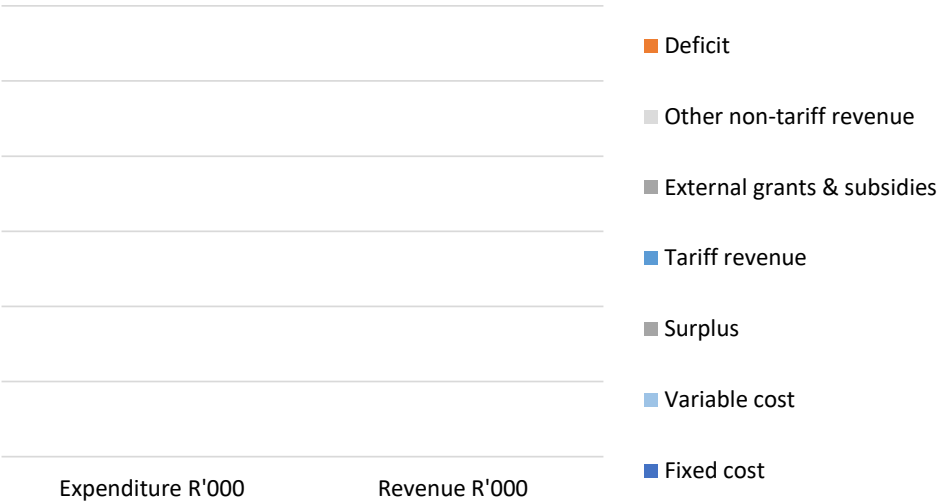
Consumption-based charge





VERHUURBARE EENHEID +9 (BW37)

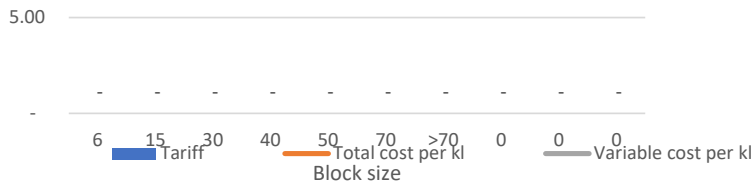
	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kl)	#N/A
Tariff revenue required (R per kl)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

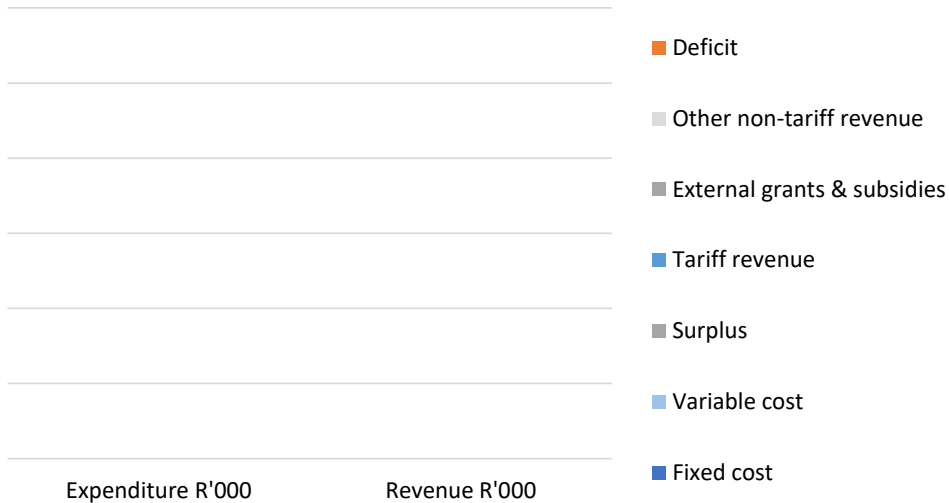
Consumption-based charge





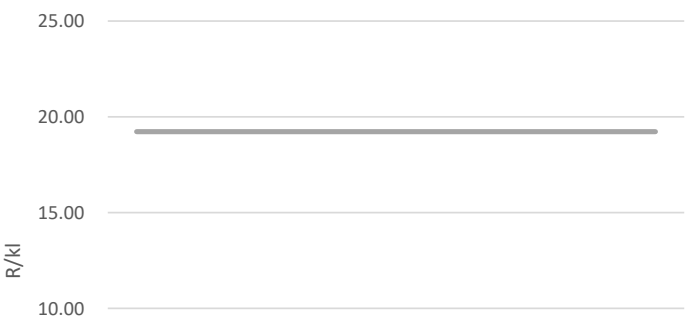
VERHUURBARE EENHEID >9 (BW38)

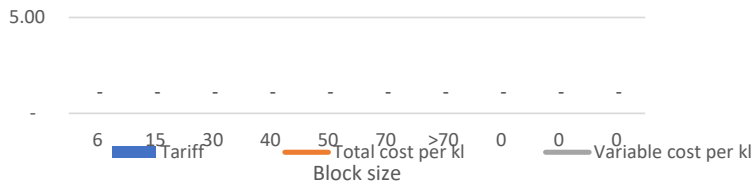
	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kl)	#N/A
Tariff revenue required (R per kl)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

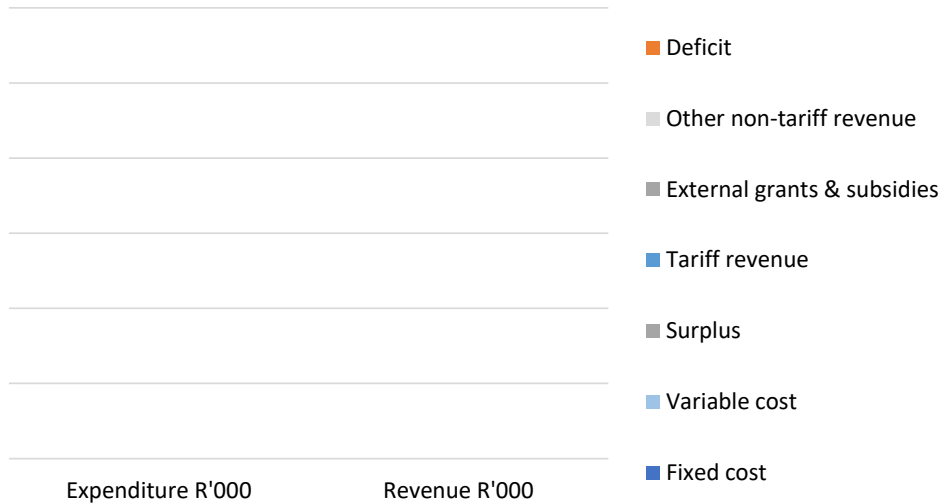
Consumption-based charge





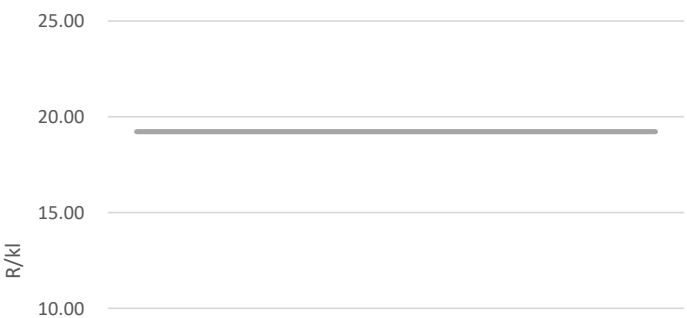
WATER BASIES VERHURINGS -50% (BW40)

	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kI)	#N/A
Tariff revenue required (R per kI)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge



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Tariff

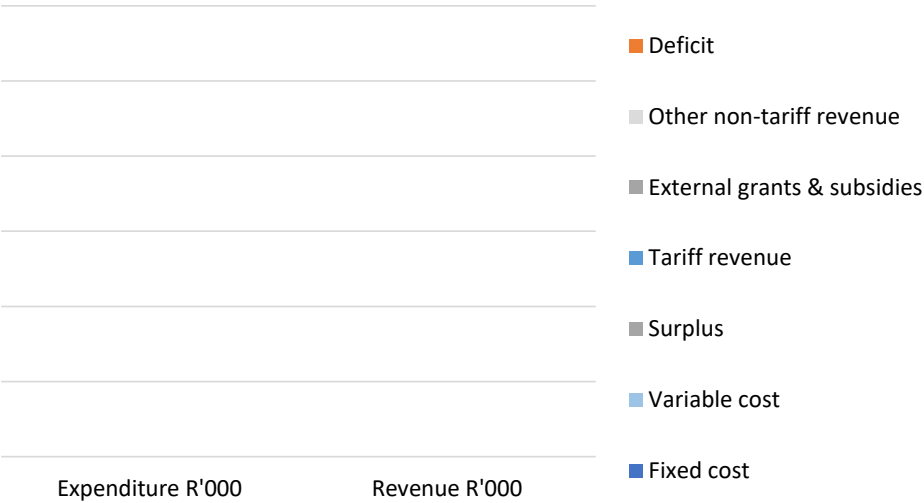
Total cost per kl

Variable cost per kl

Block size

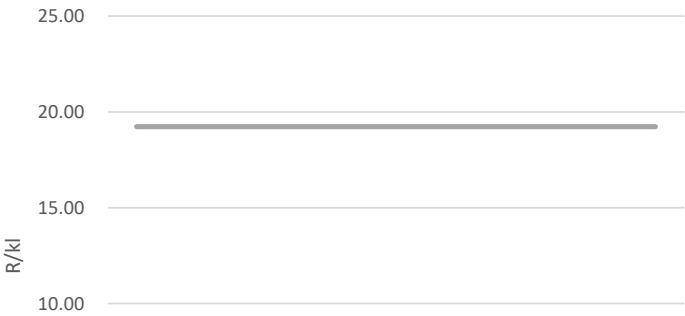
BASIES DEERNIS WATER (WA12)

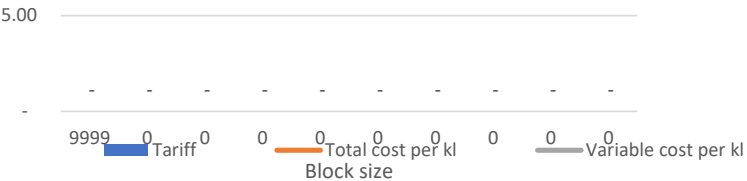
	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kl)	#N/A
Tariff revenue required (R per kl)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

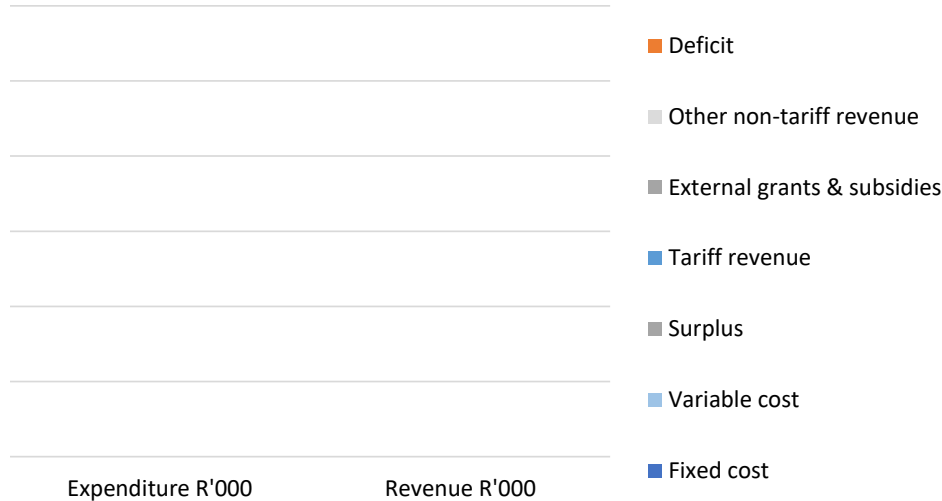
Consumption-based charge





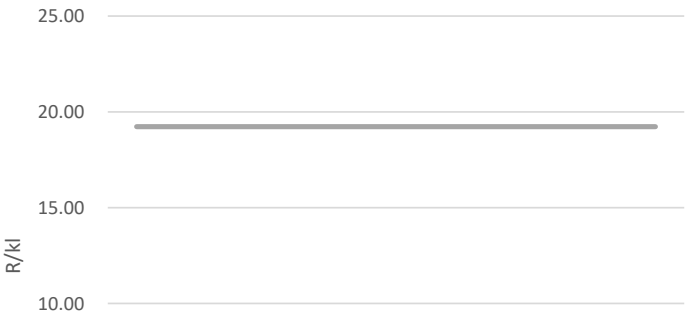
STAAT WATER

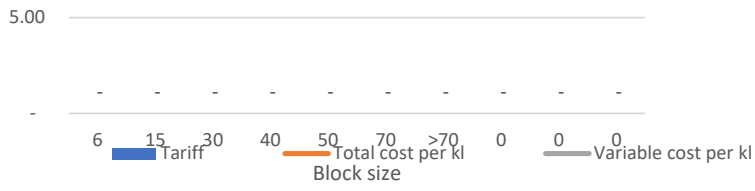
	(R)
Fixed cost	#N/A
Variable cost	#N/A
Total cost	#N/A
Surplus generated	#N/A
Property rates allocated	#N/A
Other income allocated	#N/A
Other service charges allocated	#N/A
External grants and subsidies allocated	#N/A
Total non-tariff revenue	#N/A
Deficit allowed	#N/A
Tariff revenue required	#N/A



Cost (R per kl)	#N/A
Tariff revenue required (R per kl)	#N/A
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

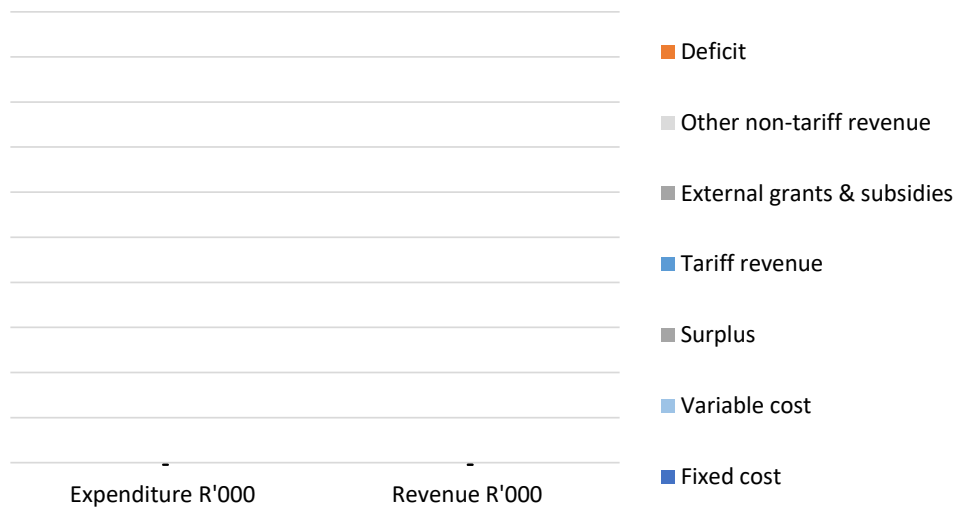
Consumption-based charge





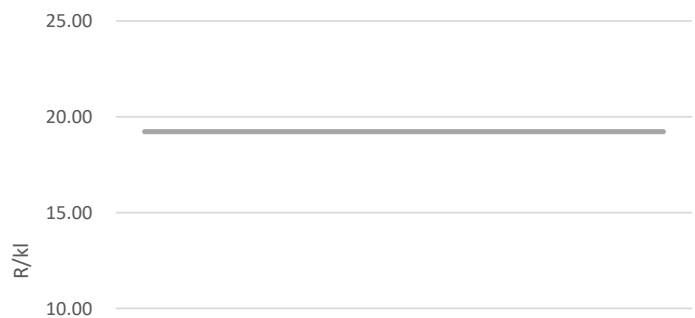
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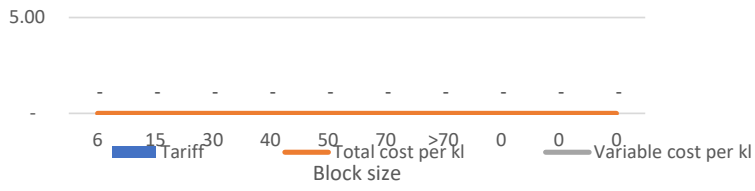
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

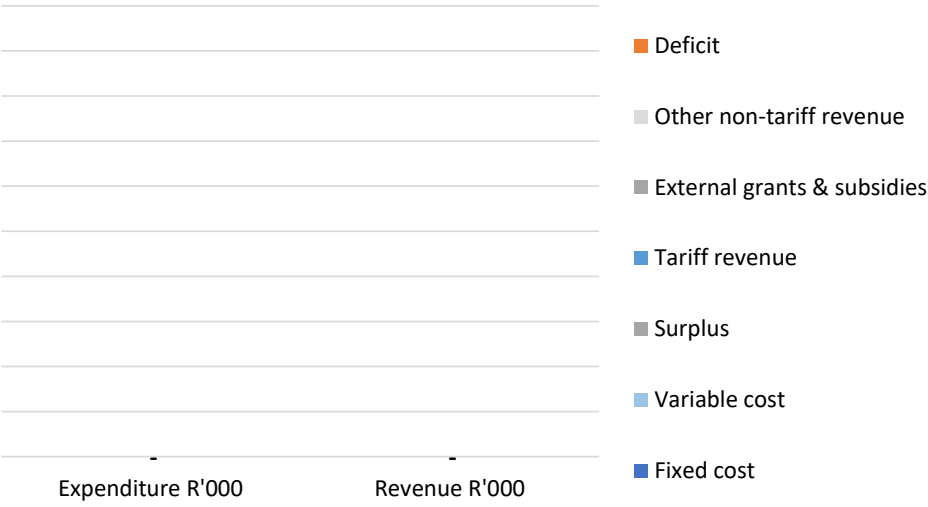
Consumption-based charge





#REF!

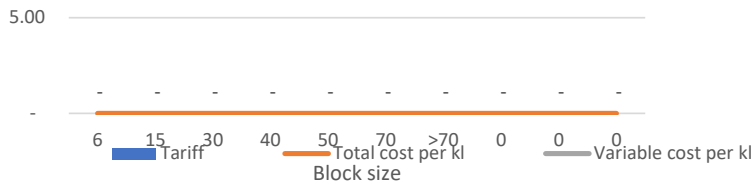
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

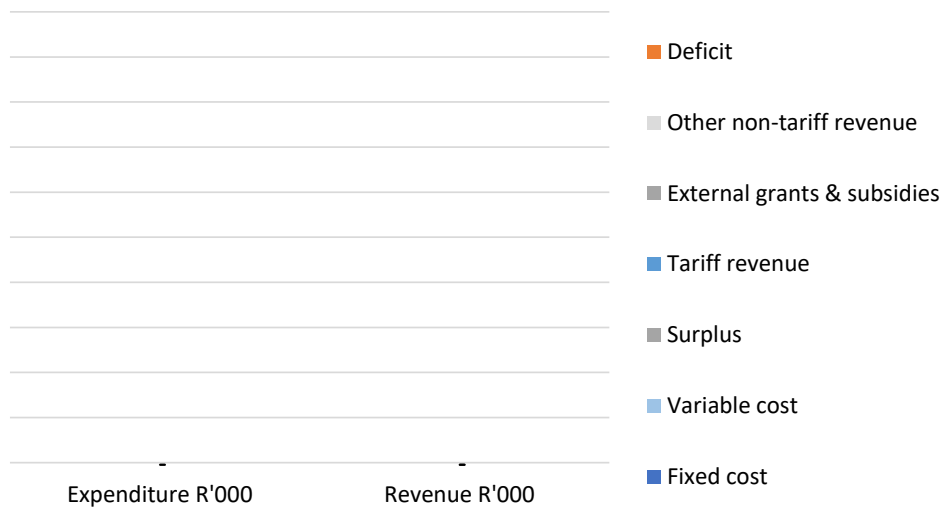
Consumption-based charge





#REF!

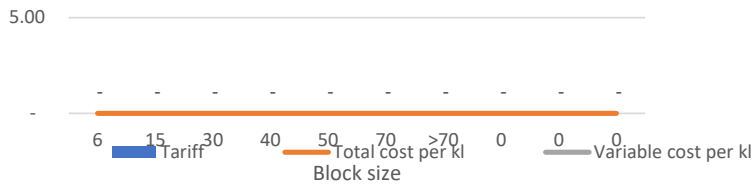
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

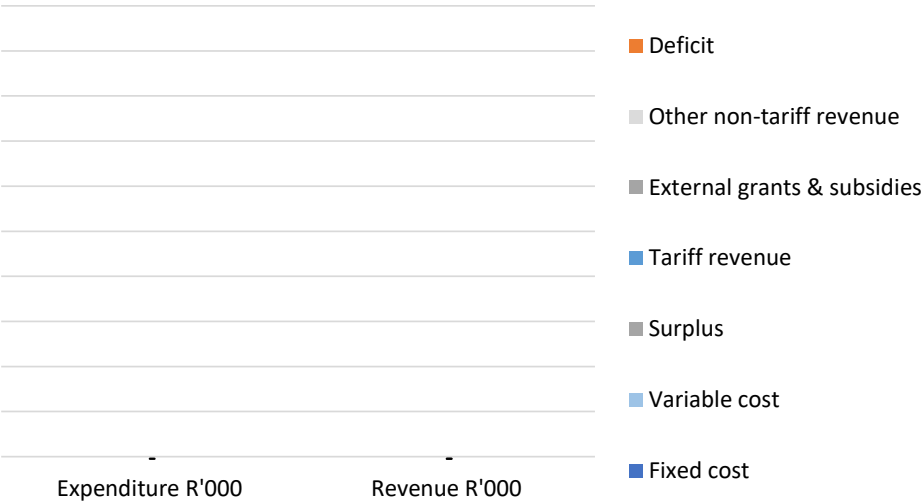
Consumption-based charge





#REF!

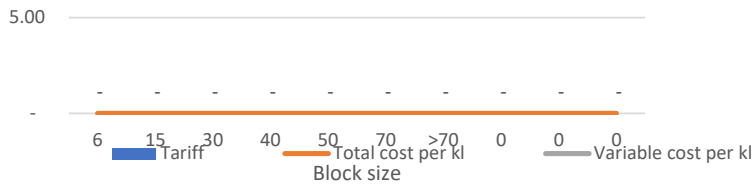
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

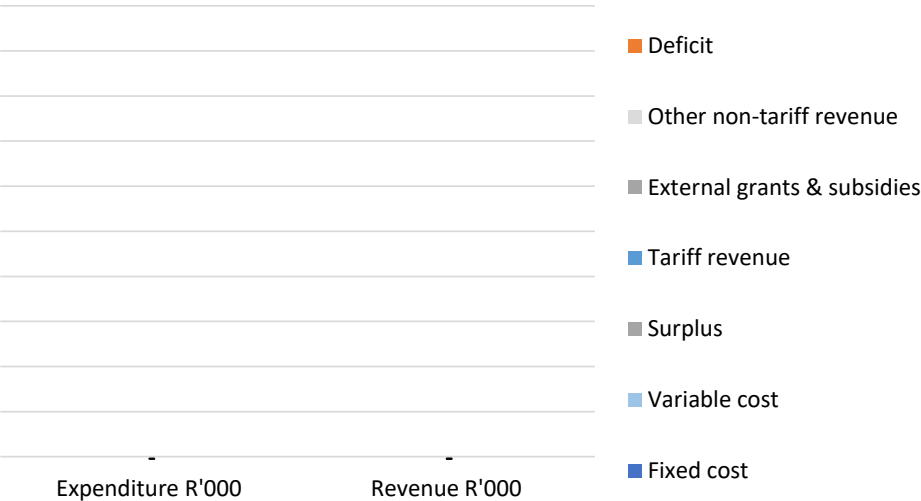
Consumption-based charge





#REF!

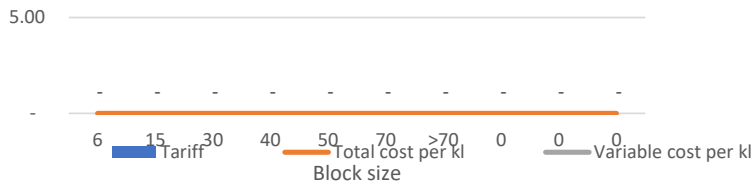
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

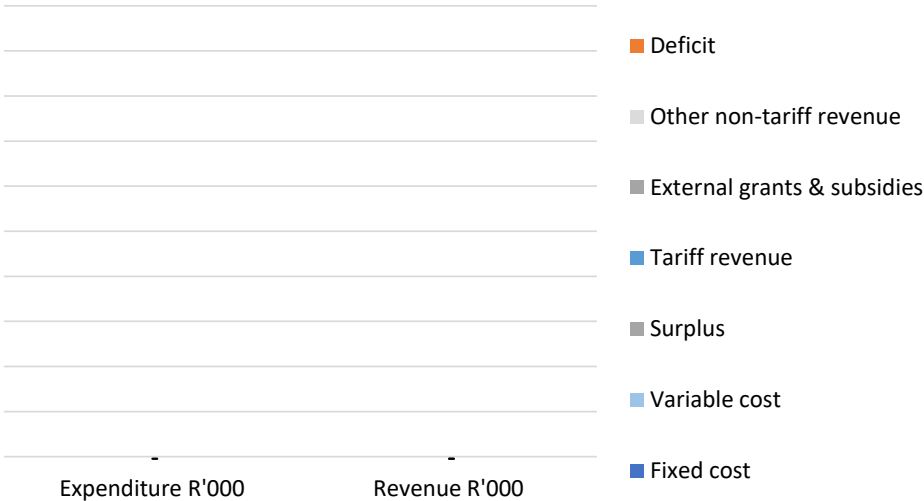
Consumption-based charge





#REF!

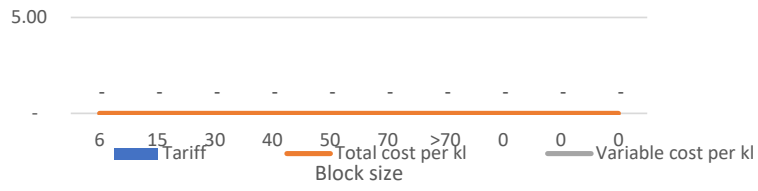
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



Cost (R per kl)	#REF!
Tariff revenue required (R per kl)	#REF!
Surcharge/ deficit % of cost	0%
Fixed charge (R)	-
Revenue from fixed charge as % of fixed cost	0%

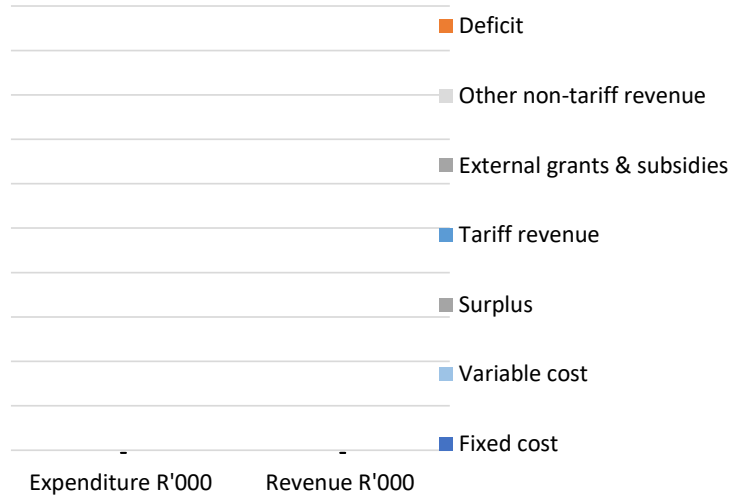
Consumption-based charge





SUIGTENK BASIES 25MM WATERAANSLUITING (BS25)

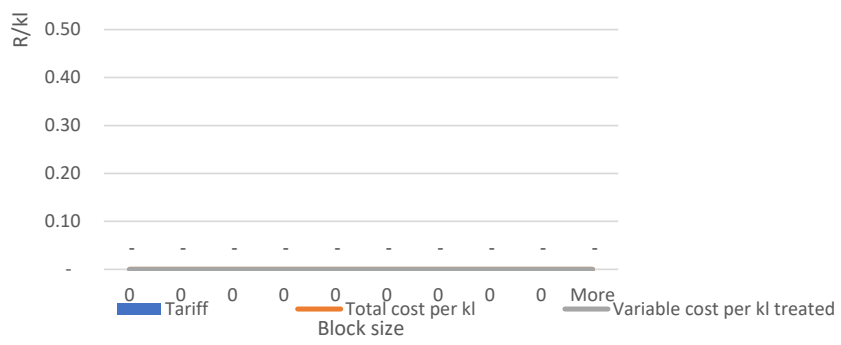
	(R)
Fixed cost	-
Variable cost	-
Total cost	-
Surplus generated	#DIV/0!
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	#DIV/0!
Total non-tariff revenue	#DIV/0!
Deficit allowed	#DIV/0!
Tariff revenue required	#DIV/0!



	(R)
Cost per kl	-
Tariff revenue required per kl	-
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

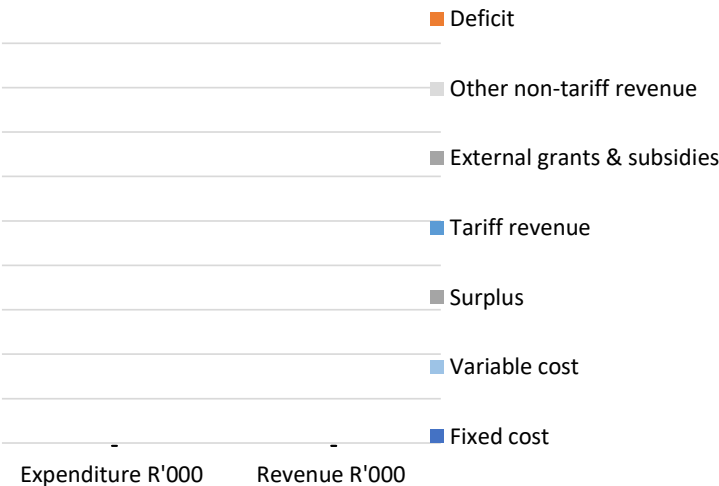
Consumption-based charge

1.00	
0.90	
0.80	
0.70	
0.60	



SUIGTENK BASIES 32MM WATERAANSLUITING (BS32)

	(R)
Fixed cost	-
Variable cost	-
Total cost	-
Surplus generated	#DIV/0!
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	#DIV/0!
Total non-tariff revenue	#DIV/0!
Deficit allowed	#DIV/0!
Tariff revenue required	#DIV/0!



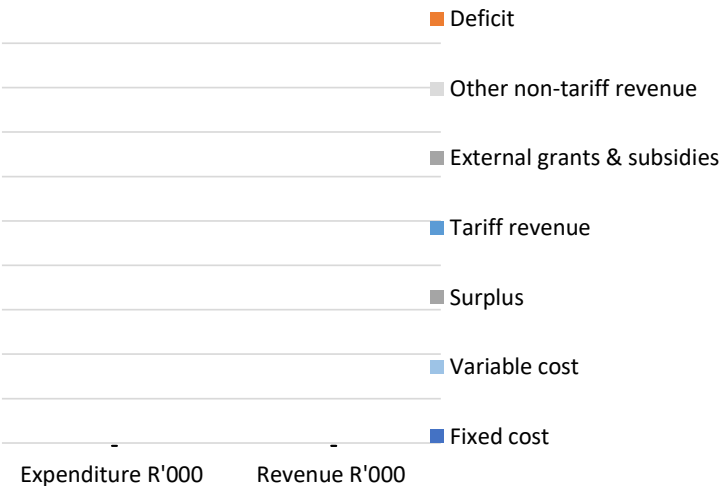
	(R)
Cost per kl	-
Tariff revenue required per kl	-
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge



SUIGTENK BASIES 40MM WATERAANSLUITING (BS40)

	(R)
Fixed cost	-
Variable cost	-
Total cost	-
Surplus generated	#DIV/0!
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	#DIV/0!
Total non-tariff revenue	#DIV/0!
Deficit allowed	#DIV/0!
Tariff revenue required	#DIV/0!



	(R)
Cost per kl	-
Tariff revenue required per kl	-
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

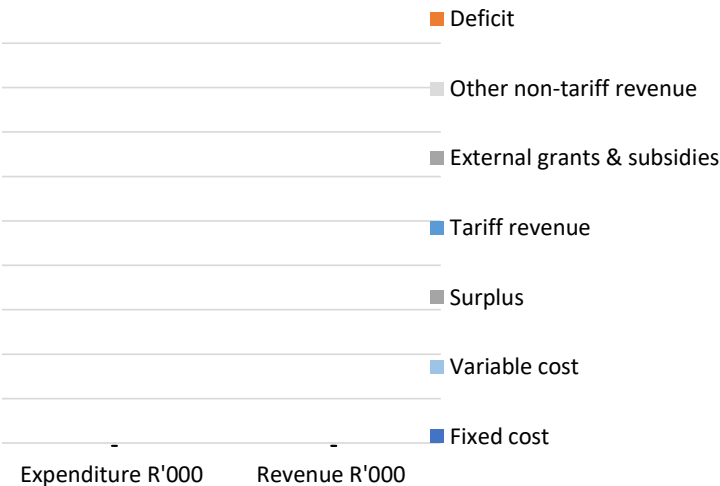
Consumption-based charge





SUIGTENK BASIES 50MM WATERAANSLUITING (BS50)

	(R)
Fixed cost	-
Variable cost	-
Total cost	-
Surplus generated	#DIV/0!
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	#DIV/0!
Total non-tariff revenue	#DIV/0!
Deficit allowed	#DIV/0!
Tariff revenue required	#DIV/0!



	(R)
Cost per kl	-
Tariff revenue required per kl	-
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

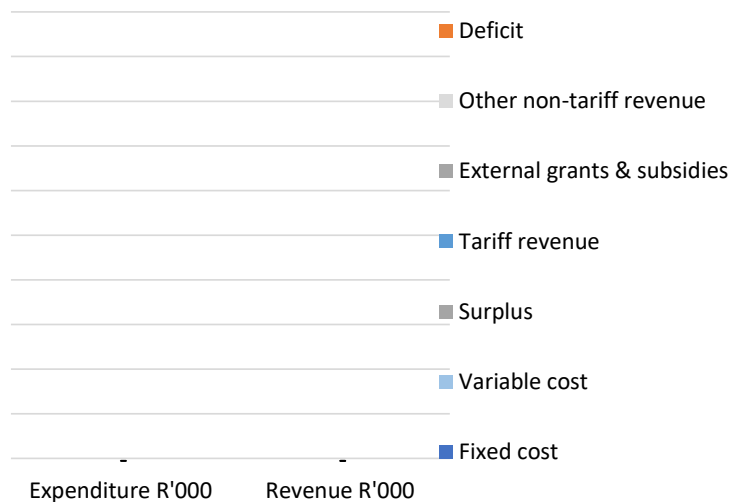
Consumption-based charge





#REF!

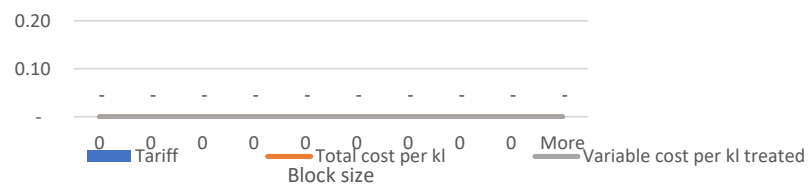
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

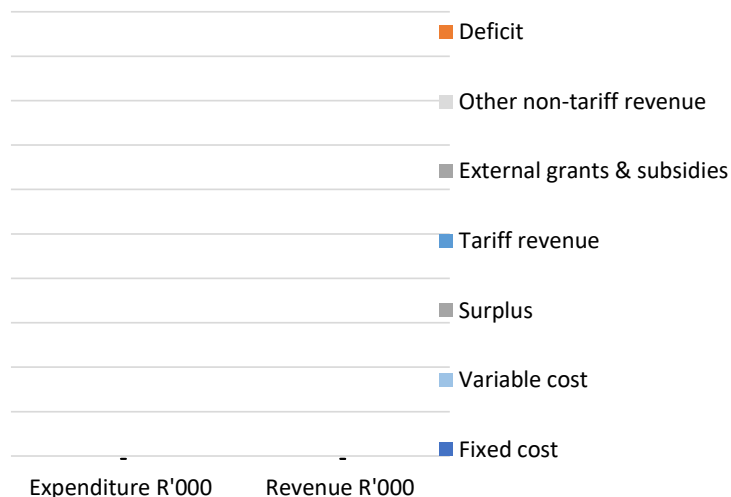
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

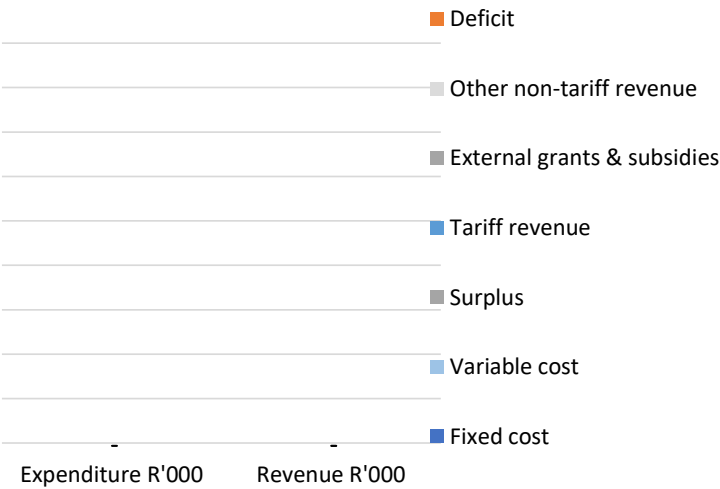
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

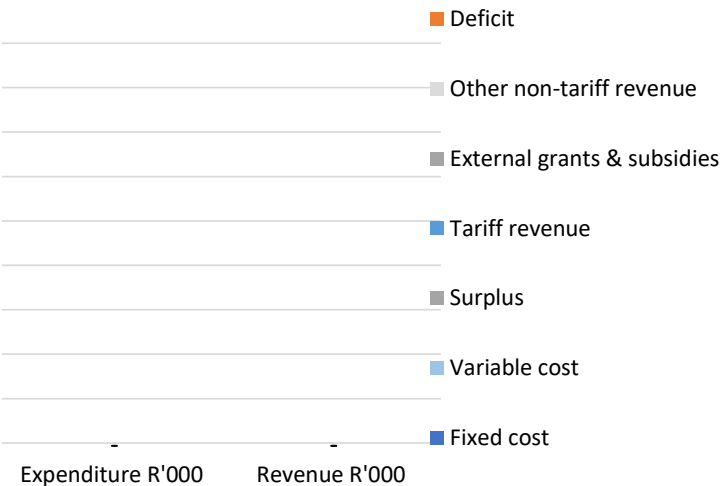
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

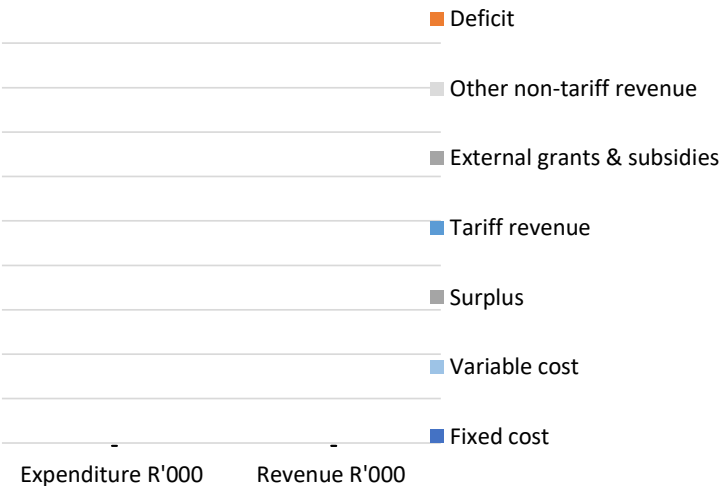
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

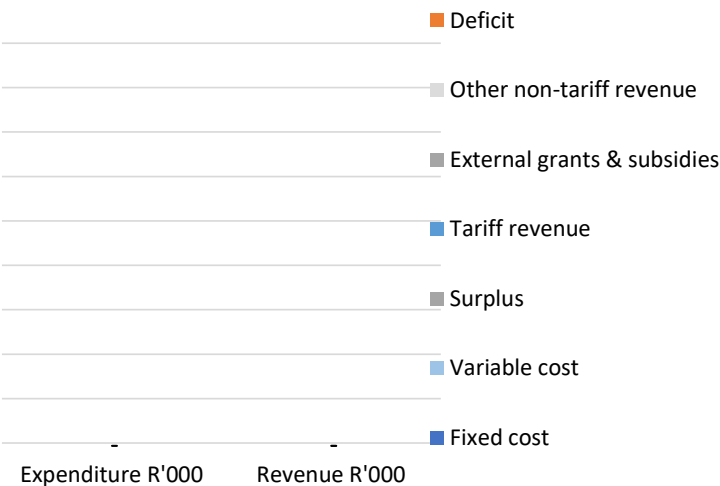
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

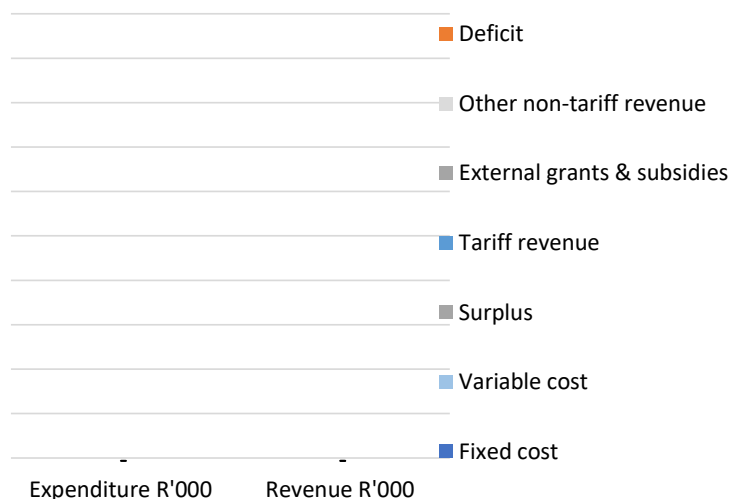
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

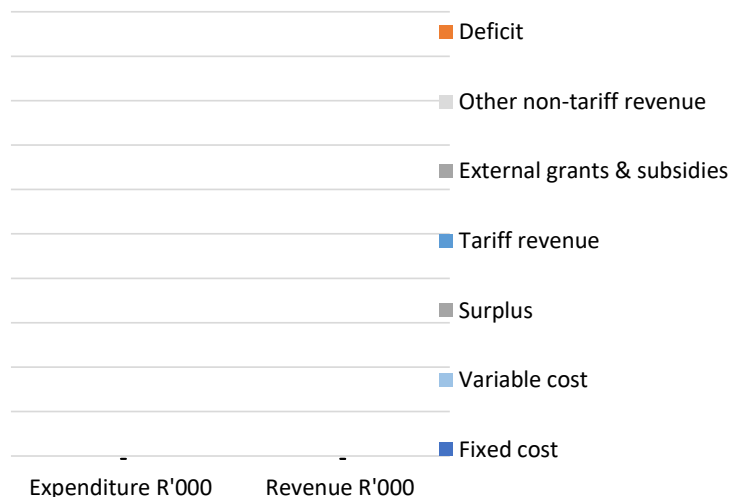
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



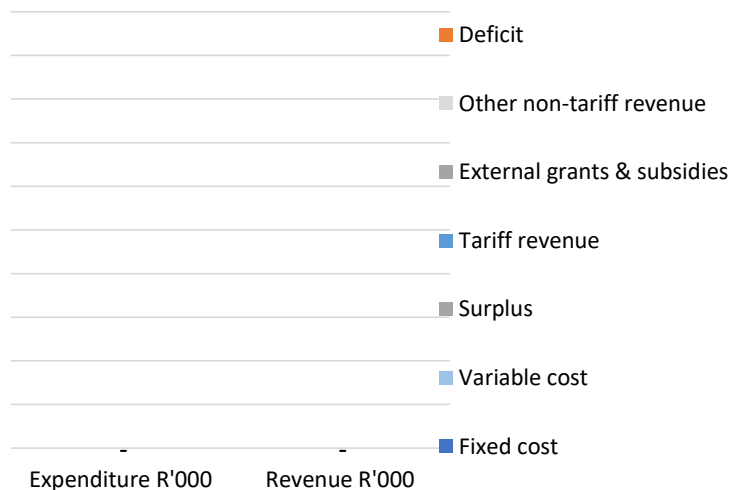
	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge



#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

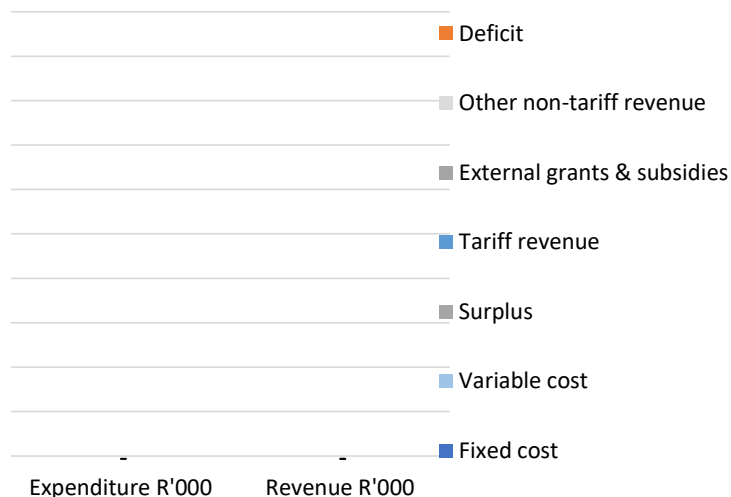
Consumption-based charge





#REF!

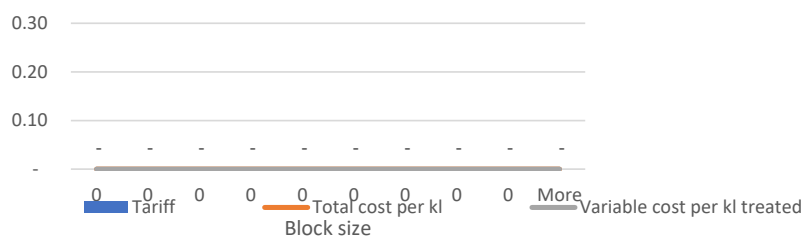
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%
Cost per kl covered by consumption-based charged	

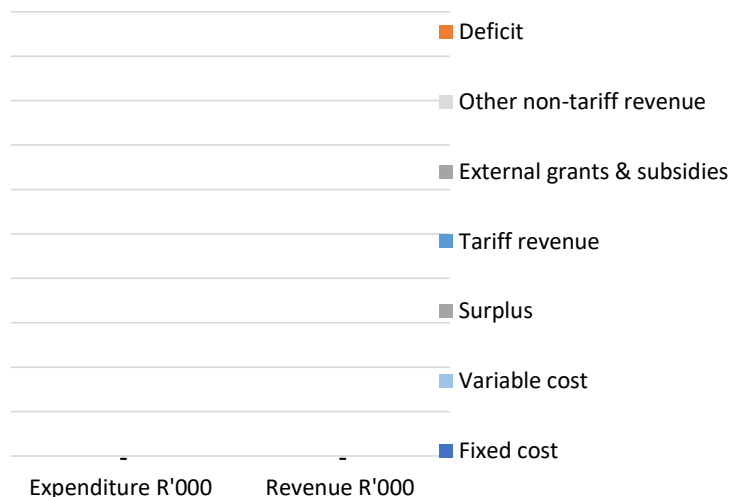
Consumption-based charge





#REF!

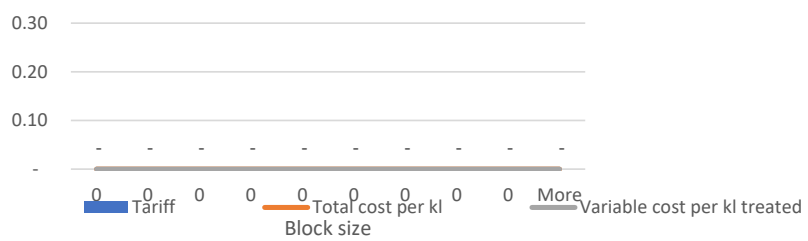
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%
Cost per kl covered by consumption-based charged	

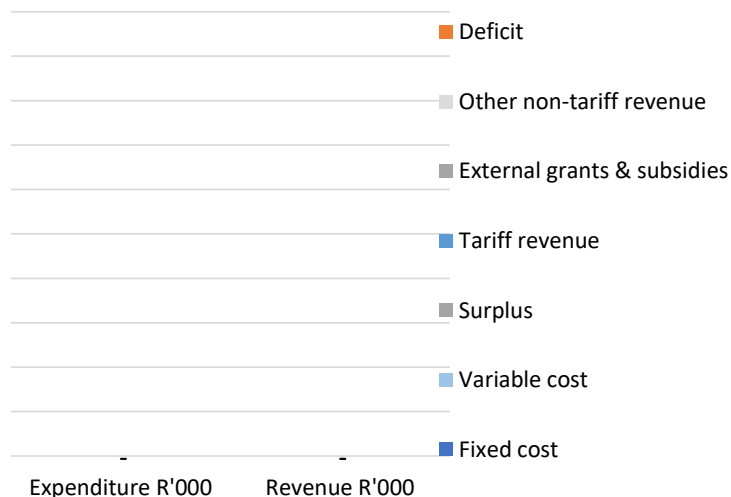
Consumption-based charge





#REF!

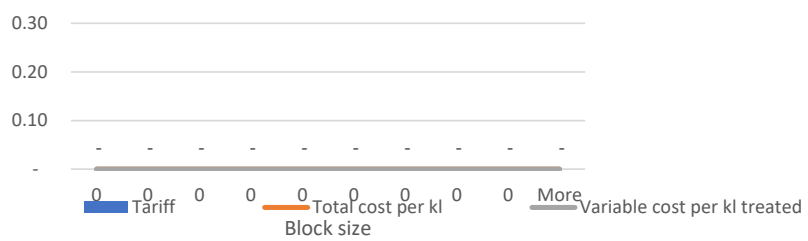
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%
Cost per kl covered by consumption-based charged	

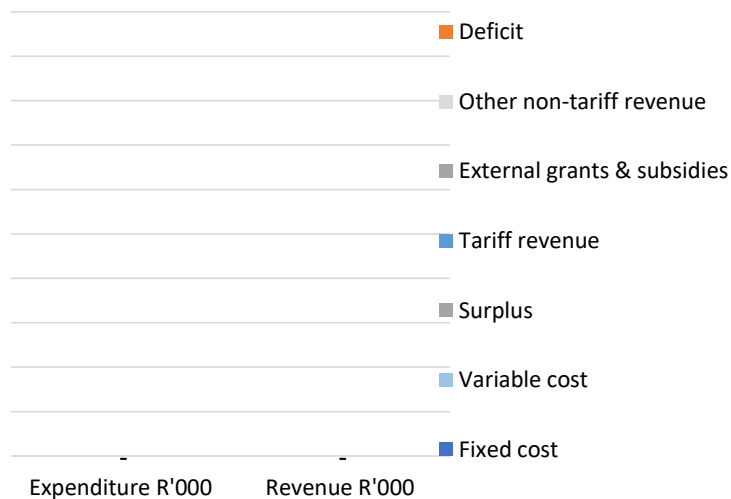
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

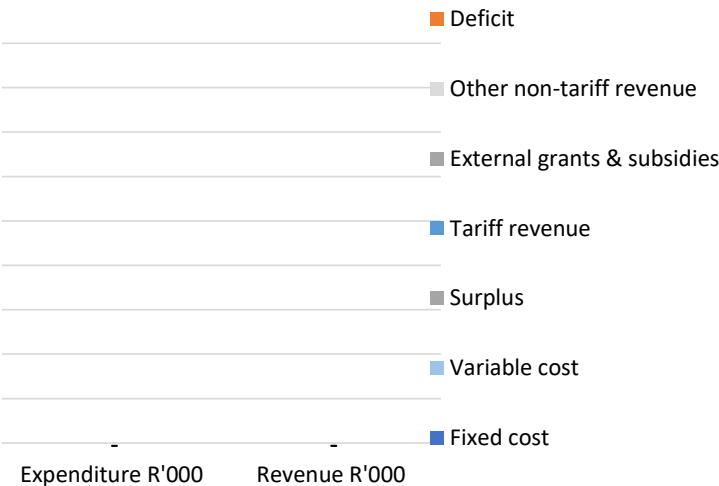
Consumption-based charge





#REF!

	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

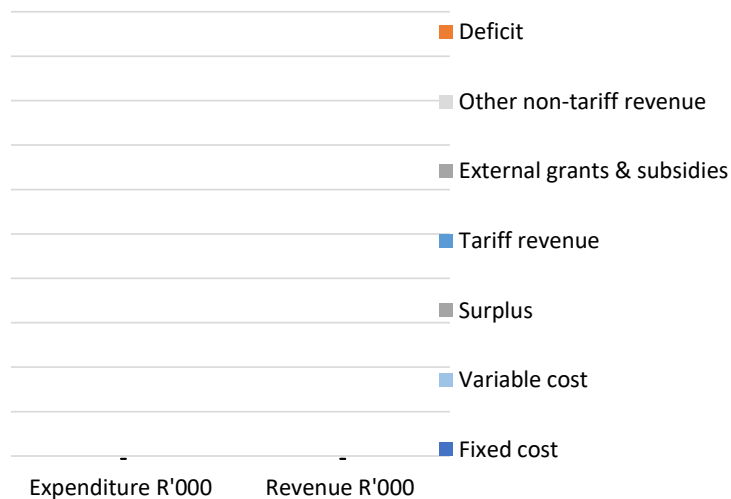
Consumption-based charge





#REF!

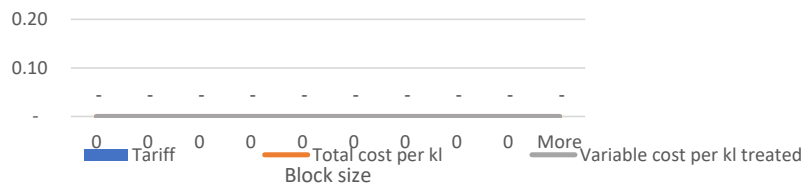
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

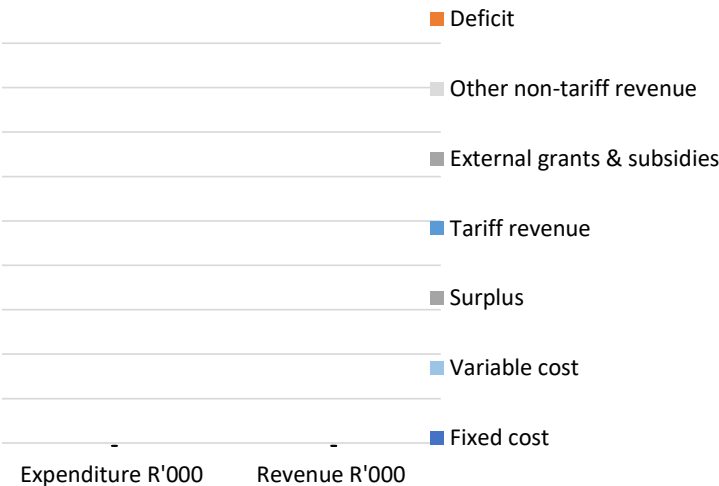
Consumption-based charge





#REF!

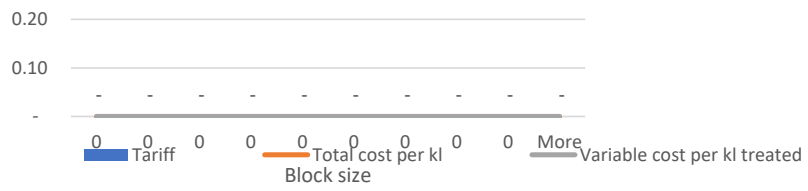
	(R)
Fixed cost	#REF!
Variable cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per kl	#REF!
Tariff revenue required per kl	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

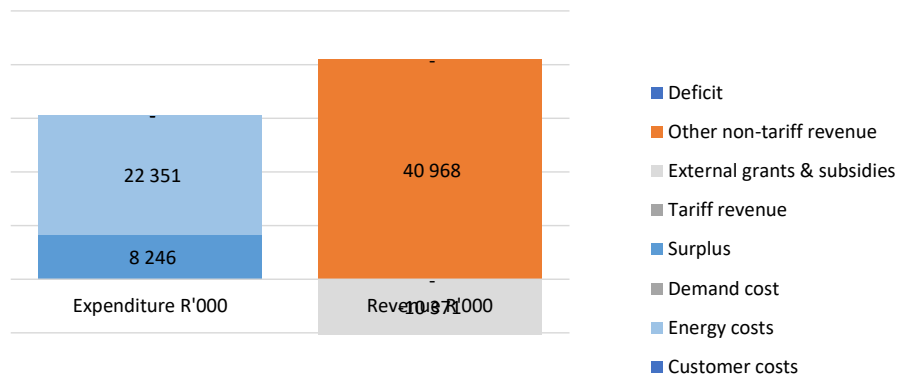
Consumption-based charge





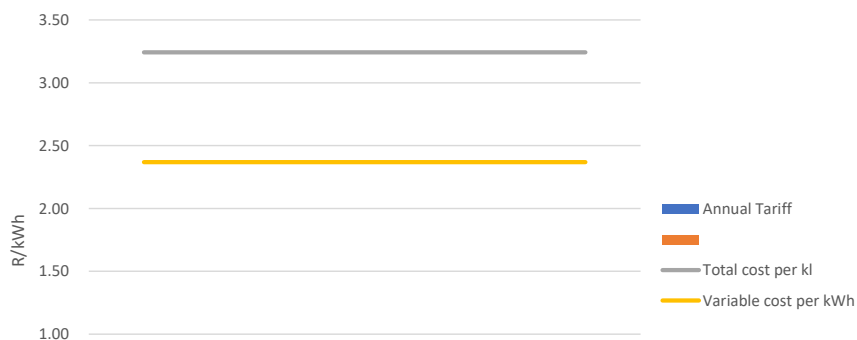
A01 SINGLE PHASE INDIGENT (50 BSST)

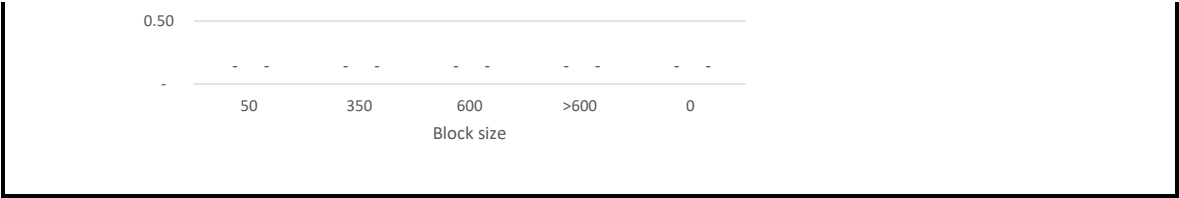
	(R)
Customer costs	8 245 535
Energy costs	22 350 806
Demand cost	-
Total cost	30 596 341
Surplus generated	-
Property rates allocated	-
Other income allocated	39 915 876
Other service charges allocated	1 051 668
External grants and subsidies allocated	- 10 371 204
Total non-tariff revenue	30 596 341
Deficit allowed	-
Tariff revenue required	-



	(R)
Cost per kWh	3.24
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

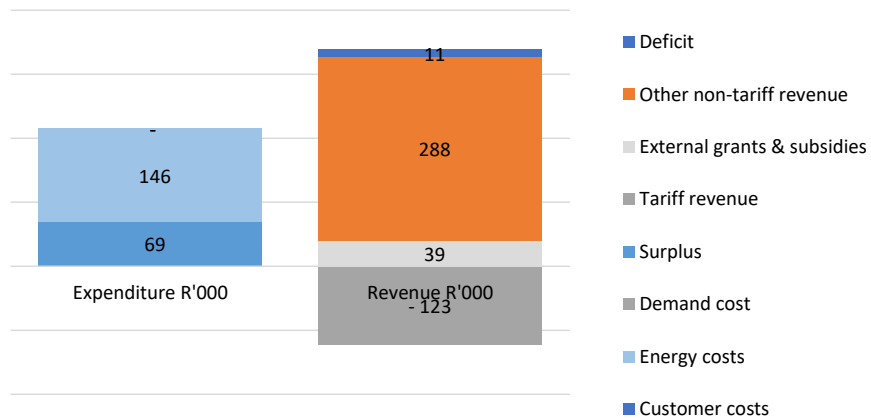
Consumption-based charge Annual





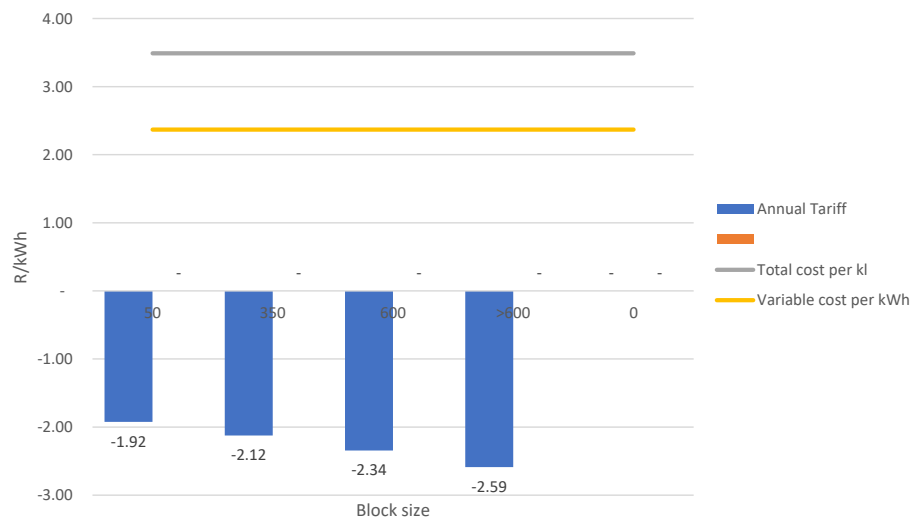
A04 SINGLE PHASE <150KWH 33-63Amps

	(R)
Customer costs	69 052
Energy costs	145 955
Demand cost	-
Total cost	215 007
Surplus generated	-
Property rates allocated	-
Other income allocated	280 498
Other service charges allocated	7 390
External grants and subsidies allocated	39 312
Total non-tariff revenue	327 200
Deficit allowed	11 096
Tariff revenue required	- 123 289



	(R)
Cost per kWh	3.49
Tariff revenue required per kWh	- 2.00
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

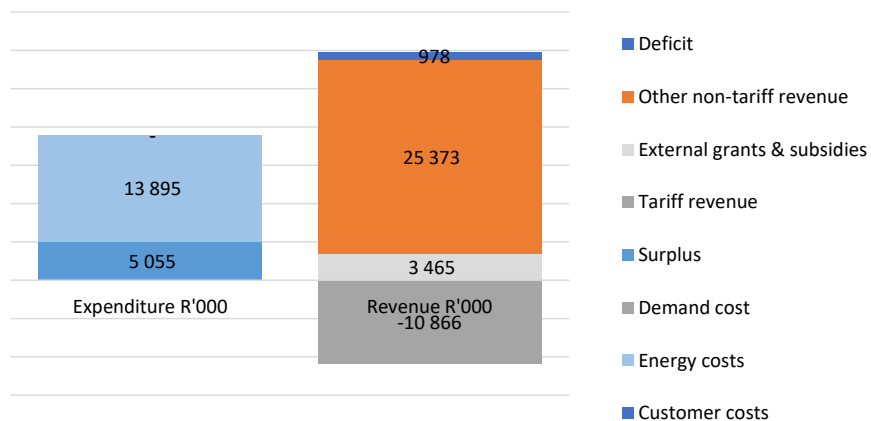
Consumption-based charge Annual





A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps

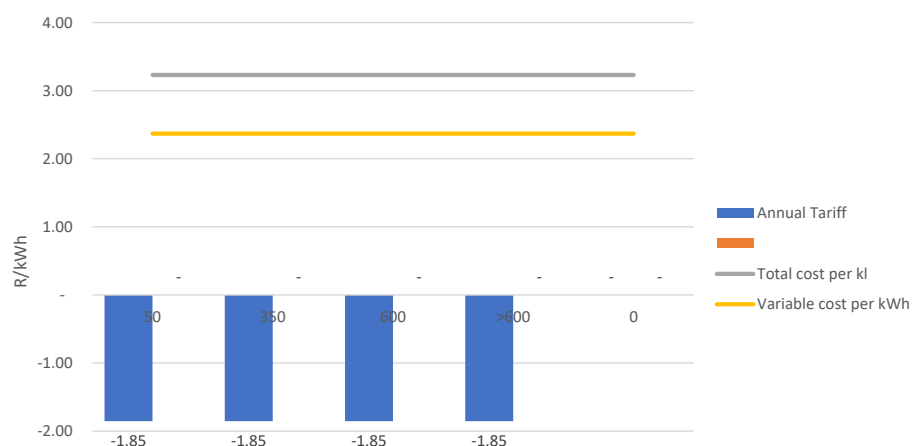
	(R)
Customer costs	5 054 971
Energy costs	13 894 991
Demand cost	-
Total cost	18 949 963
Surplus generated	-
Property rates allocated	-
Other income allocated	24 722 053
Other service charges allocated	651 355
External grants and subsidies allocated	3 464 797
Total non-tariff revenue	28 838 205
Deficit allowed	977 965
Tariff revenue required	- 10 866 207



	(R)
Cost per kWh	3.23
Tariff revenue required per kWh	- 1.85
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

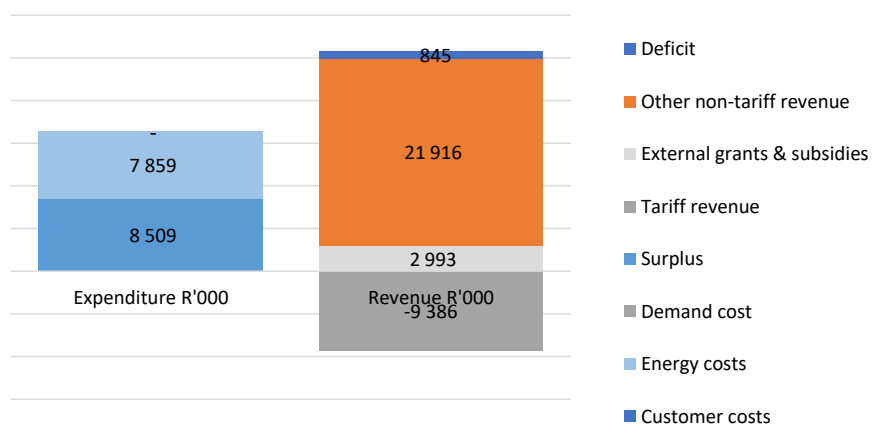
Consumption-based charge

Annual

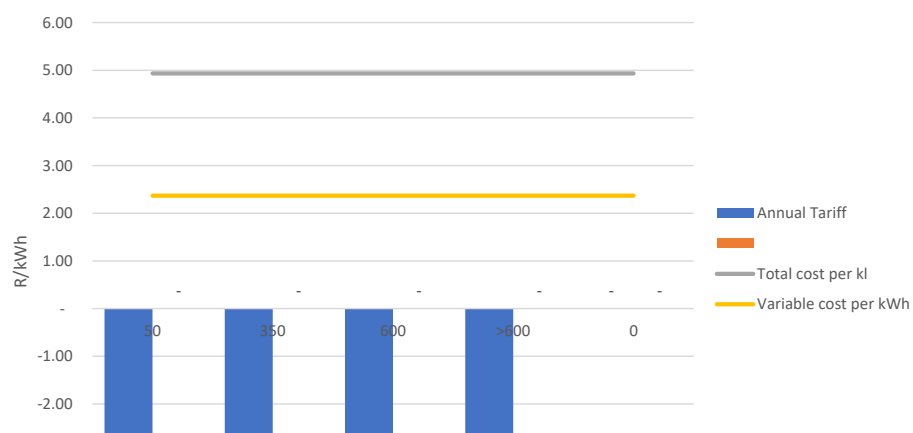


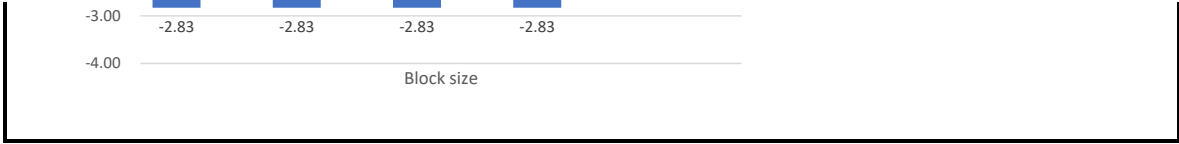
B01 NI SINGLE PHASE 0-32Amps

	(R)
Customer costs	8 509 350
Energy costs	7 858 839
Demand cost	-
Total cost	16 368 189
Surplus generated	-
Property rates allocated	-
Other income allocated	21 353 880
Other service charges allocated	562 613
External grants and subsidies allocated	2 992 747
Total non-tariff revenue	24 909 240
Deficit allowed	844 726
Tariff revenue required	- 9 385 777



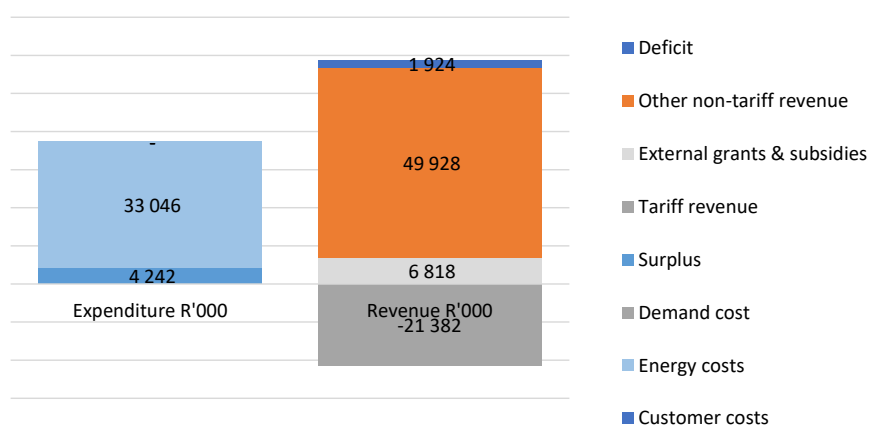
	(R)
Cost per kWh	4.93
Tariff revenue required per kWh	- 2.83
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge**Annual**



B03 NI SINGLE PHASE 33-63Amps

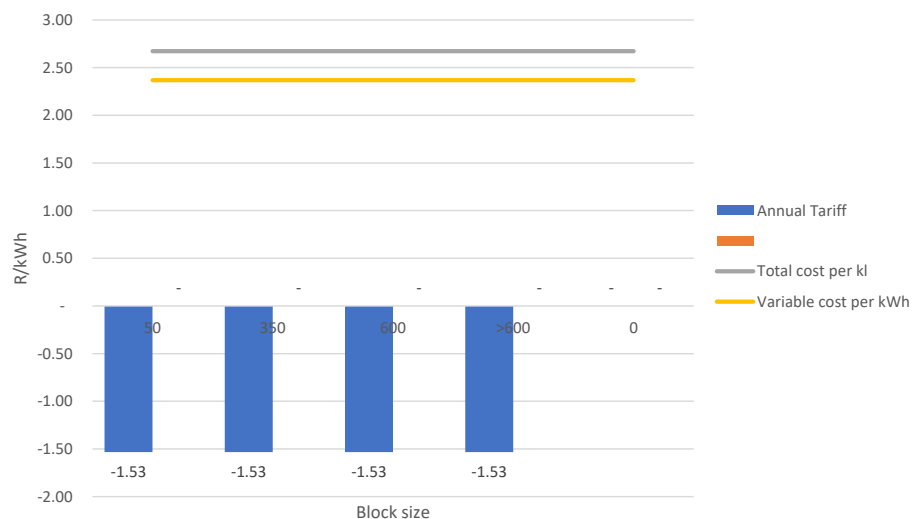
	(R)
Customer costs	4 242 281
Energy costs	33 046 283
Demand cost	-
Total cost	37 288 564
Surplus generated	-
Property rates allocated	-
Other income allocated	48 646 527
Other service charges allocated	1 281 696
External grants and subsidies allocated	6 817 813
Total non-tariff revenue	56 746 035
Deficit allowed	1 924 379
Tariff revenue required	- 21 381 850



	(R)
Cost per kWh	2.67
Tariff revenue required per kWh	- 1.53
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

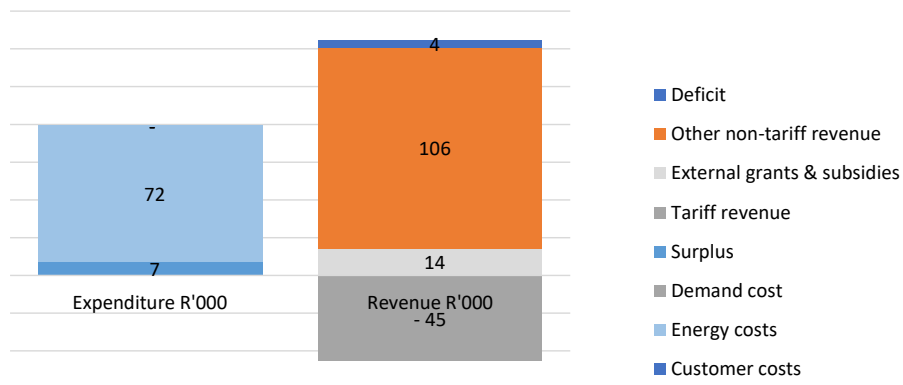
Annual





B05 NI THREE PHASE 0-32Amps

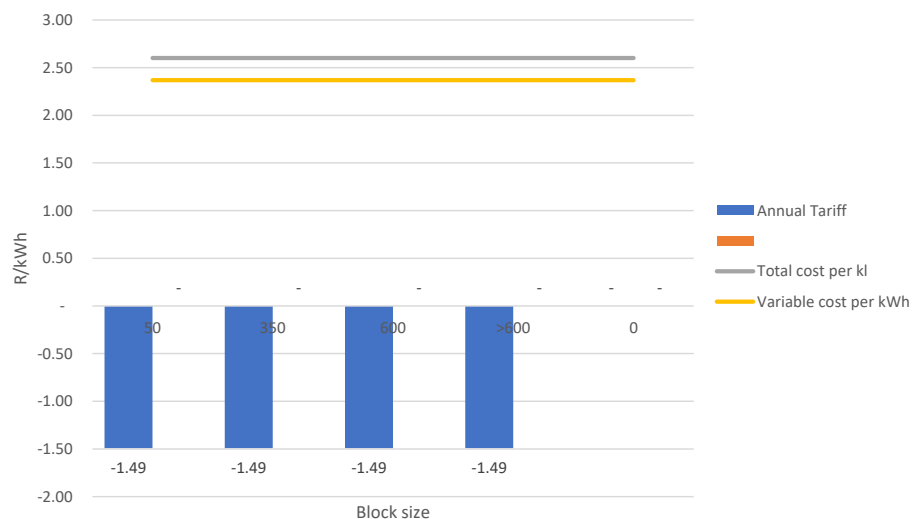
	(R)
Customer costs	7 082
Energy costs	72 105
Demand cost	-
Total cost	79 187
Surplus generated	-
Property rates allocated	-
Other income allocated	103 307
Other service charges allocated	2 722
External grants and subsidies allocated	14 479
Total non-tariff revenue	120 508
Deficit allowed	4 087
Tariff revenue required	- 45 407



	(R)
Cost per kWh	2.60
Tariff revenue required per kWh	- 1.49
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

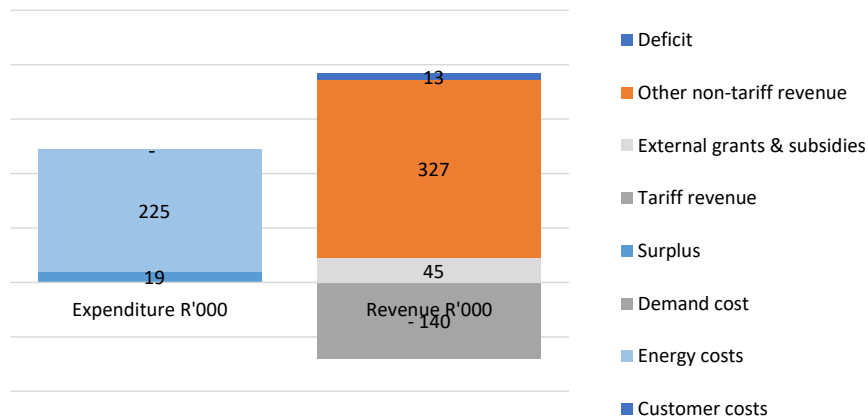
Annual





B07 NI THREE PHASE 33-63Amps

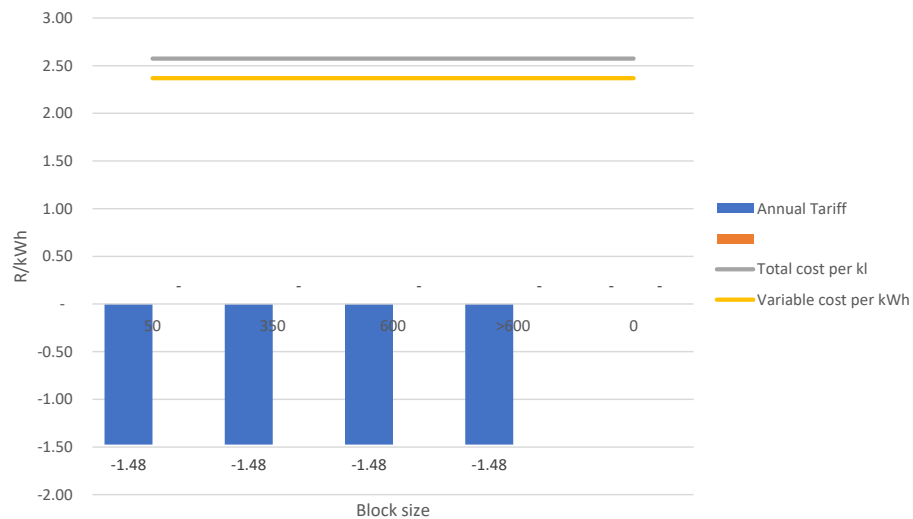
	(R)
Customer costs	19 476
Energy costs	224 624
Demand cost	-
Total cost	244 101
Surplus generated	-
Property rates allocated	-
Other income allocated	318 453
Other service charges allocated	8 390
External grants and subsidies allocated	44 631
Total non-tariff revenue	371 474
Deficit allowed	12 597
Tariff revenue required	- 139 971



	(R)
Cost per kWh	2.57
Tariff revenue required per kWh	- 1.48
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

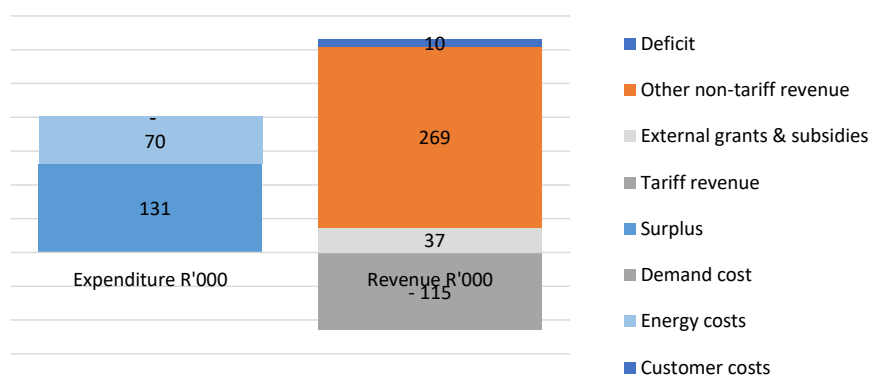
Annual





D01 MUNICIPAL FACILITIES - RENTALS (EL 32)

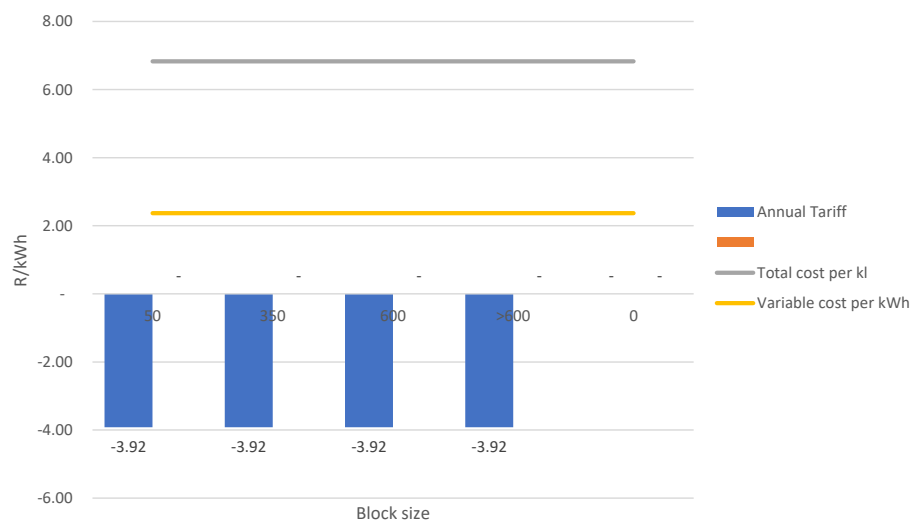
	(R)
Customer costs	131 022
Energy costs	69 583
Demand cost	-
Total cost	200 605
Surplus generated	-
Property rates allocated	-
Other income allocated	261 708
Other service charges allocated	6 895
External grants and subsidies allocated	36 678
Total non-tariff revenue	305 282
Deficit allowed	10 353
Tariff revenue required	- 115 030



	(R)
Cost per kWh	6.83
Tariff revenue required per kWh	- 3.92
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

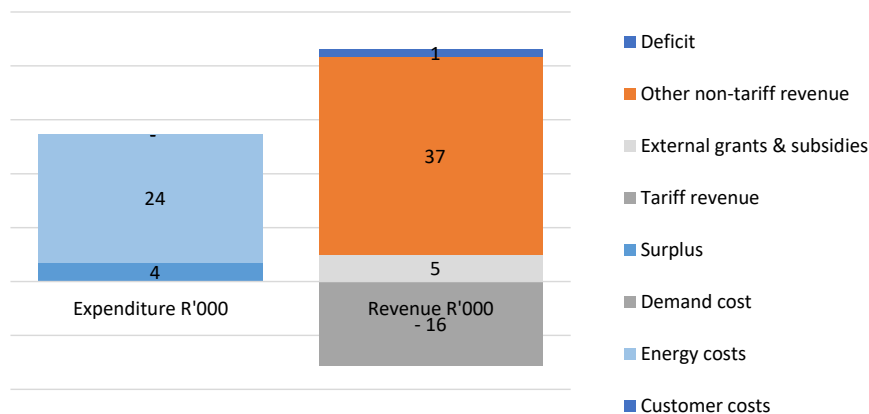
Consumption-based charge

Annual



D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)

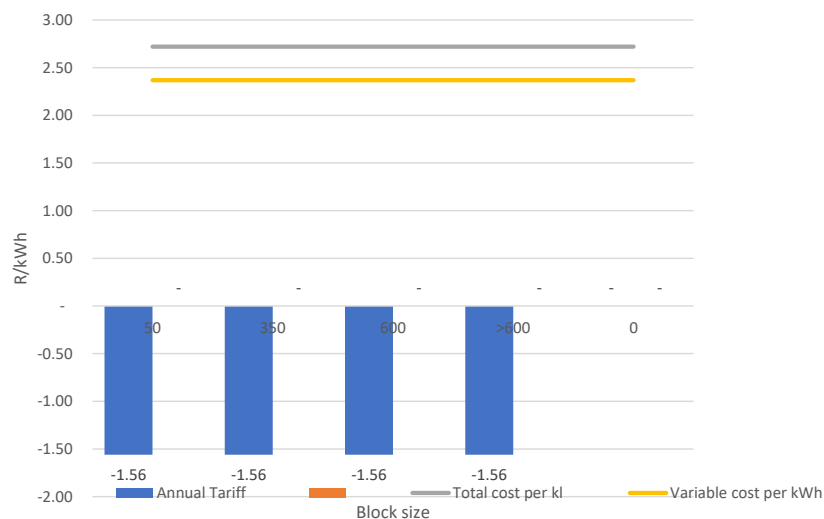
	(R)
Customer costs	3 541
Energy costs	23 839
Demand cost	-
Total cost	27 380
Surplus generated	-
Property rates allocated	-
Other income allocated	35 720
Other service charges allocated	941
External grants and subsidies allocated	5 006
Total non-tariff revenue	41 668
Deficit allowed	1 413
Tariff revenue required	- 15 700



	(R)
Cost per kWh	2.72
Tariff revenue required per kWh	- 1.56
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

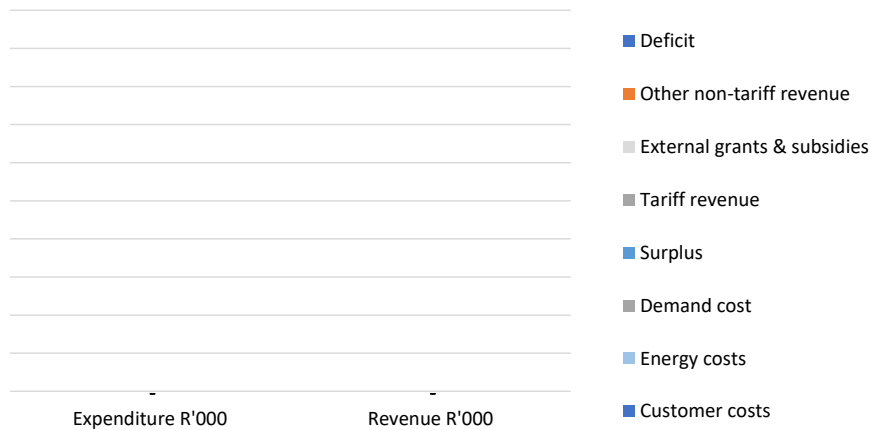
Annual





0

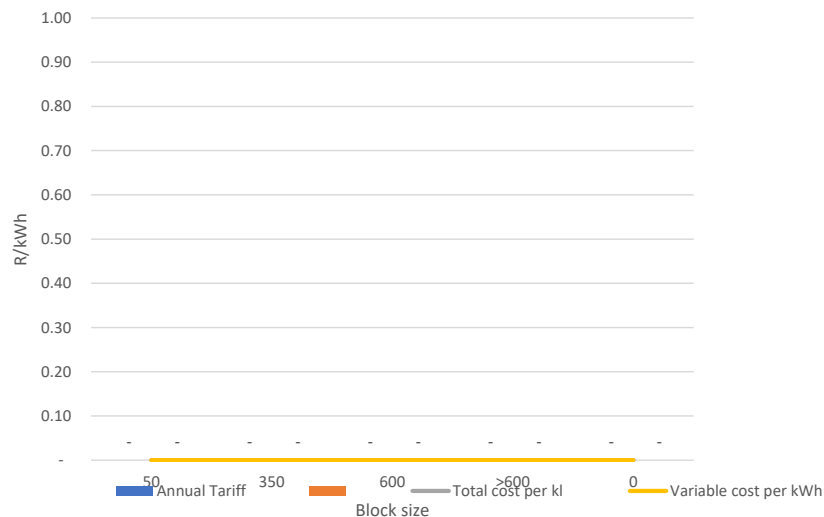
	(R)
Customer costs	-
Energy costs	-
Demand cost	-
Total cost	-
Surplus generated	-
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	-
Total non-tariff revenue	-
Deficit allowed	-
Tariff revenue required	-



	(R)
Cost per kWh	-
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

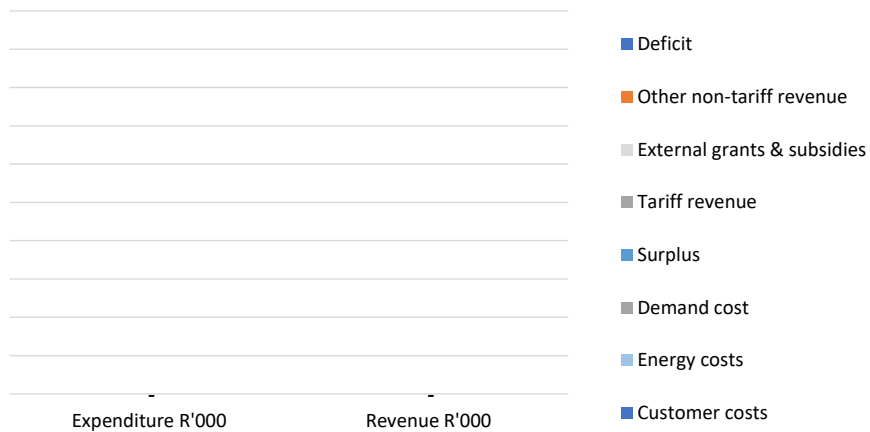
Annual





0

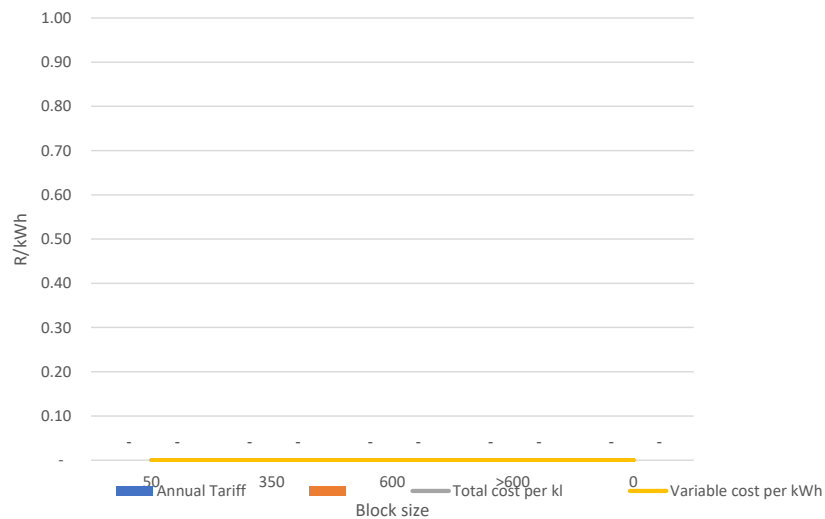
	(R)
Customer costs	-
Energy costs	-
Demand cost	-
Total cost	-
Surplus generated	-
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	-
Total non-tariff revenue	-
Deficit allowed	-
Tariff revenue required	-



	(R)
Cost per kWh	-
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

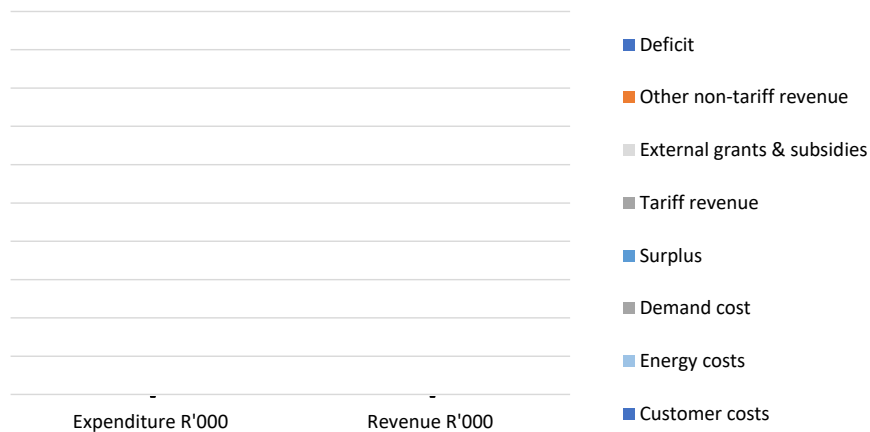
Annual





0

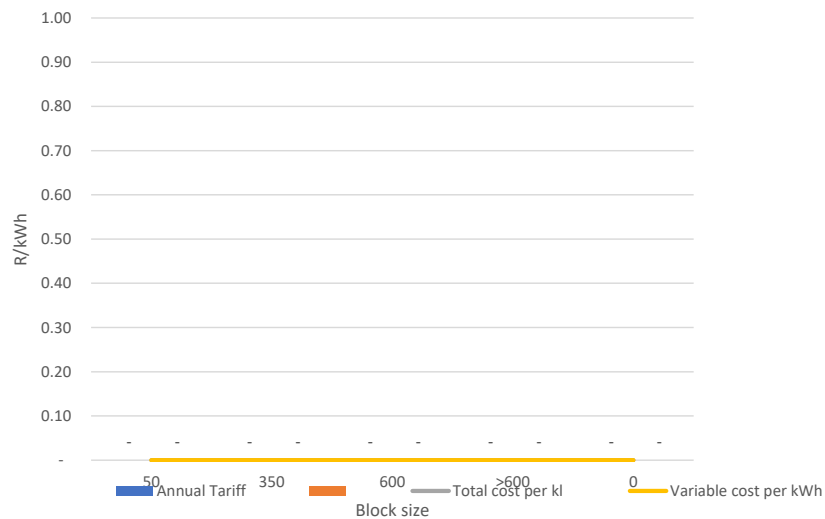
	(R)
Customer costs	-
Energy costs	-
Demand cost	-
Total cost	-
Surplus generated	-
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	-
Total non-tariff revenue	-
Deficit allowed	-
Tariff revenue required	-



	(R)
Cost per kWh	-
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

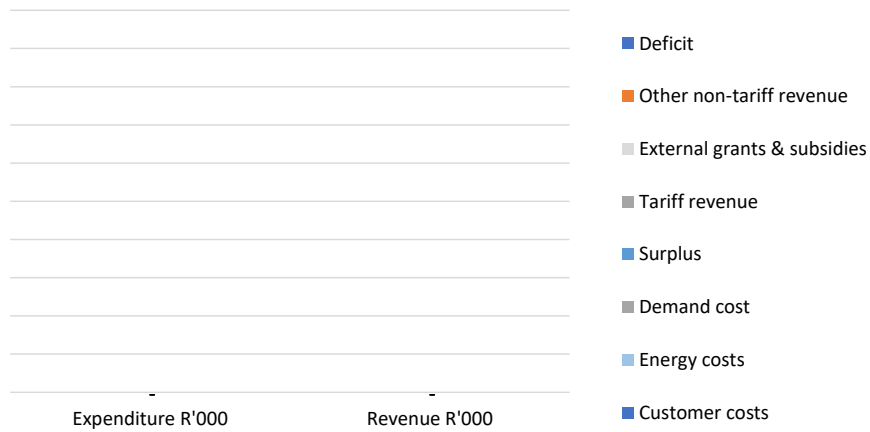
Annual





0

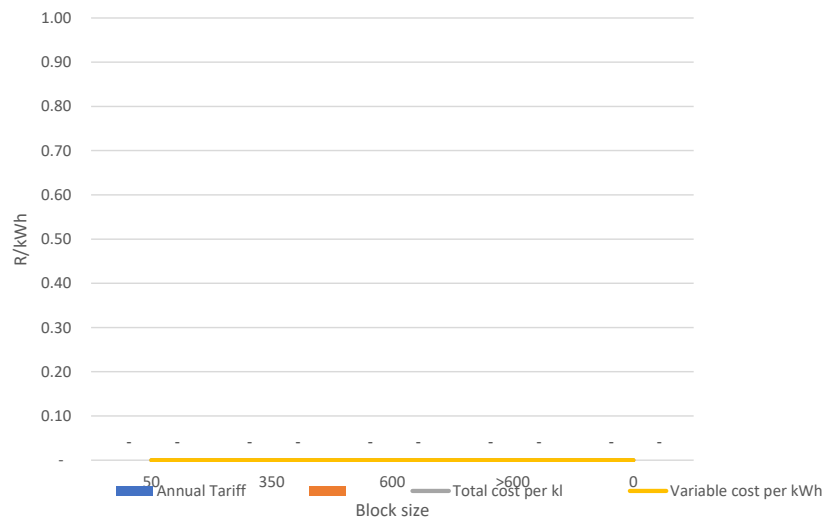
	(R)
Customer costs	-
Energy costs	-
Demand cost	-
Total cost	-
Surplus generated	-
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	-
Total non-tariff revenue	-
Deficit allowed	-
Tariff revenue required	-



	(R)
Cost per kWh	-
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

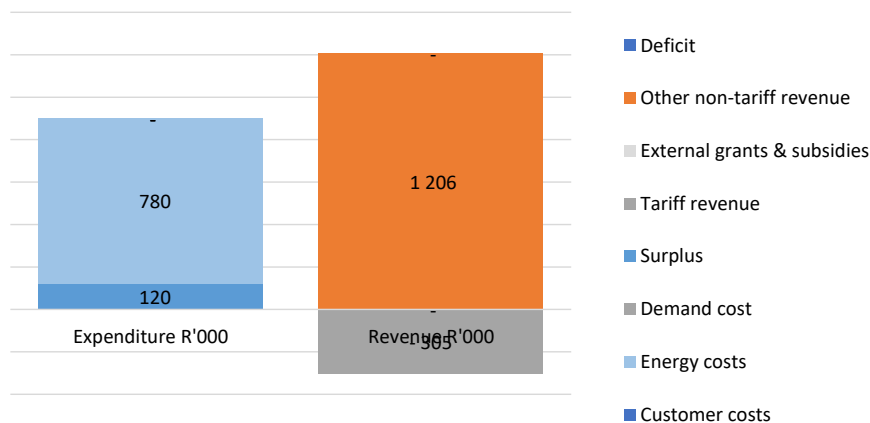
Annual





C01 COMMERCIAL SINGLE PHASE 0-32Amps

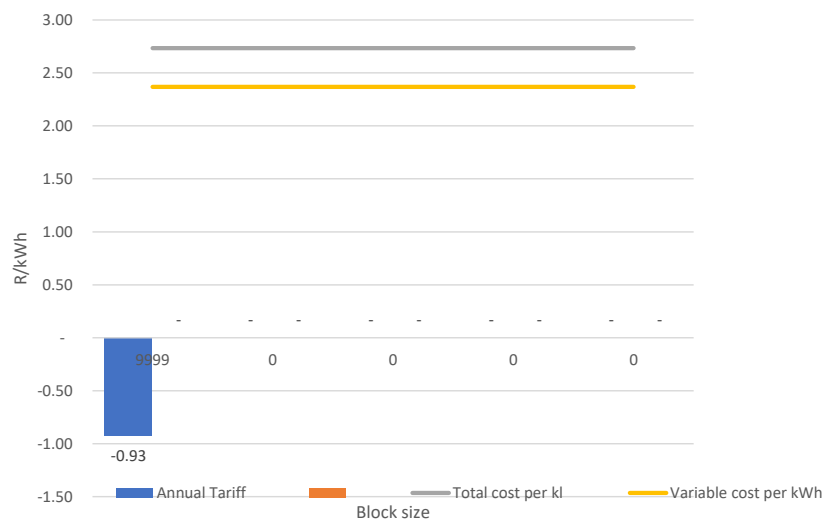
	(R)
Customer costs	120 399
Energy costs	780 066
Demand cost	-
Total cost	900 465
Surplus generated	-
Property rates allocated	-
Other income allocated	1 174 743
Other service charges allocated	30 951
External grants and subsidies allocated	-
Total non-tariff revenue	1 205 694
Deficit allowed	-
Tariff revenue required	- 305 229



	(R)
Cost per kWh	2.73
Tariff revenue required per kWh	- 0.93
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

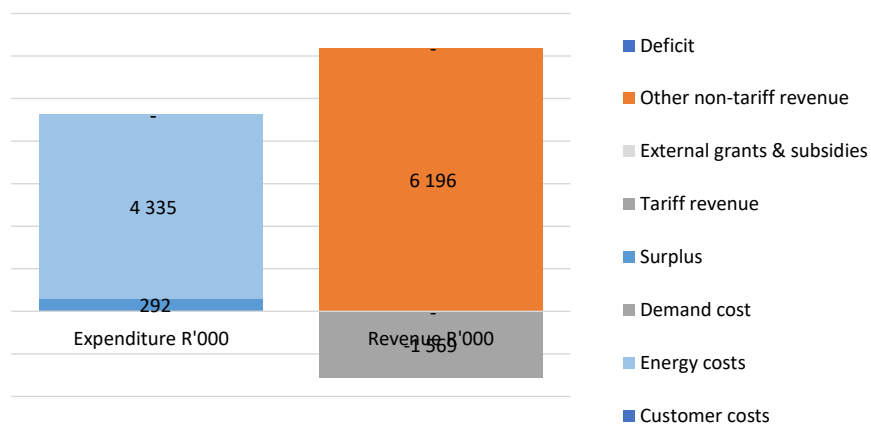
Annual





C03 COMMERCIAL SINGLE PHASE 33-63Amps

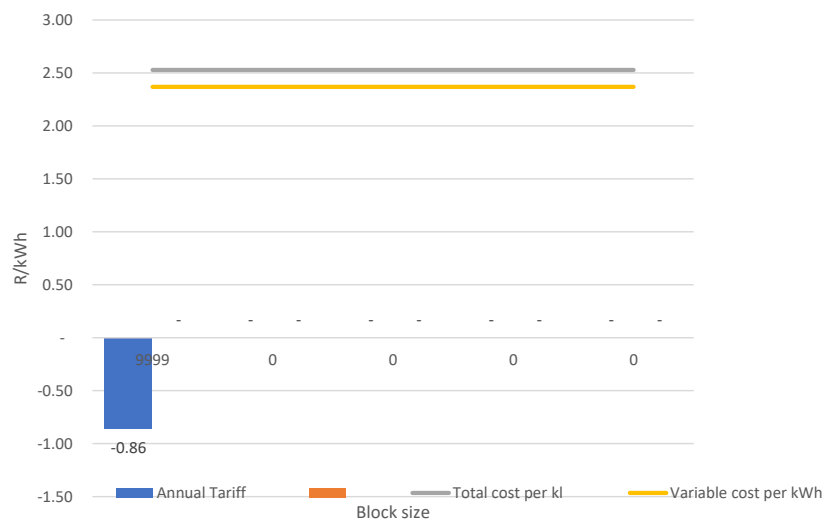
	(R)
Customer costs	292 144
Energy costs	4 335 219
Demand cost	-
Total cost	4 627 362
Surplus generated	-
Property rates allocated	-
Other income allocated	6 036 840
Other service charges allocated	159 053
External grants and subsidies allocated	-
Total non-tariff revenue	6 195 893
Deficit allowed	-
Tariff revenue required	- 1 568 531



	(R)
Cost per kWh	2.53
Tariff revenue required per kWh	- 0.86
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

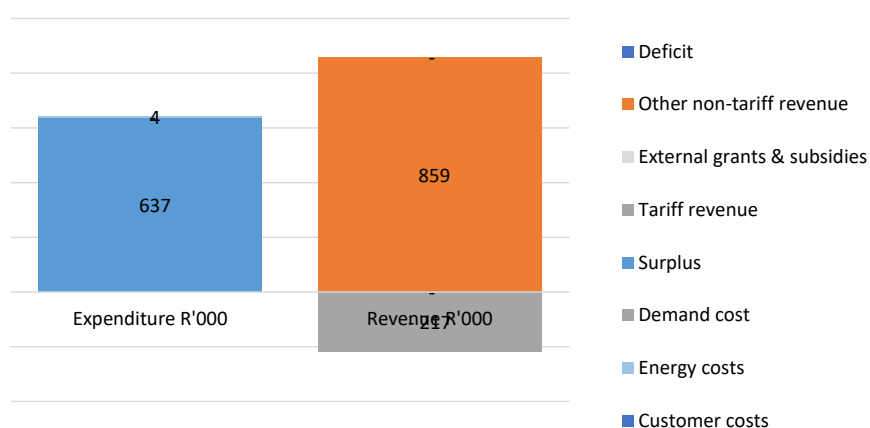
Annual





C04 COMMERCIAL SINGLE PHASE 64-100Amps

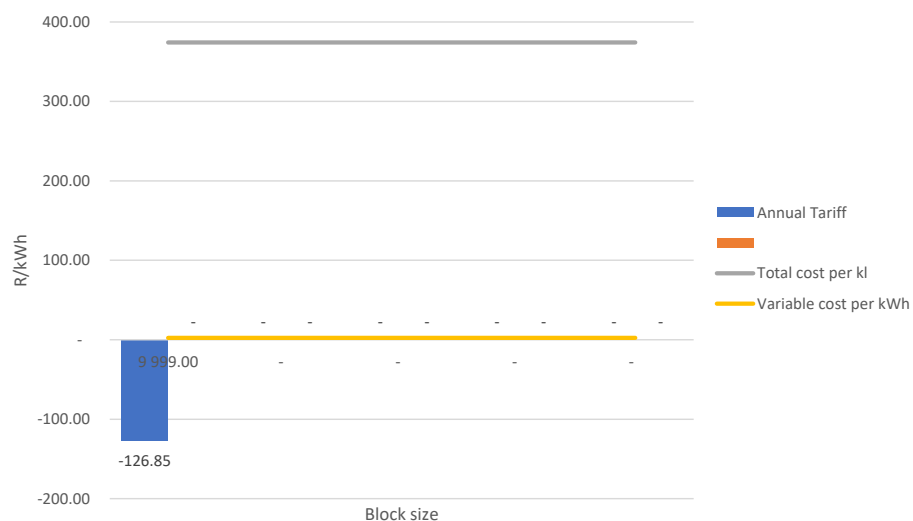
	(R)
Customer costs	637 404
Energy costs	4 060
Demand cost	-
Total cost	641 464
Surplus generated	-
Property rates allocated	-
Other income allocated	836 852
Other service charges allocated	22 049
External grants and subsidies allocated	-
Total non-tariff revenue	858 901
Deficit allowed	-
Tariff revenue required	- 217 436



	(R)
Cost per kWh	374.22
Tariff revenue required per kWh	- 126.85
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

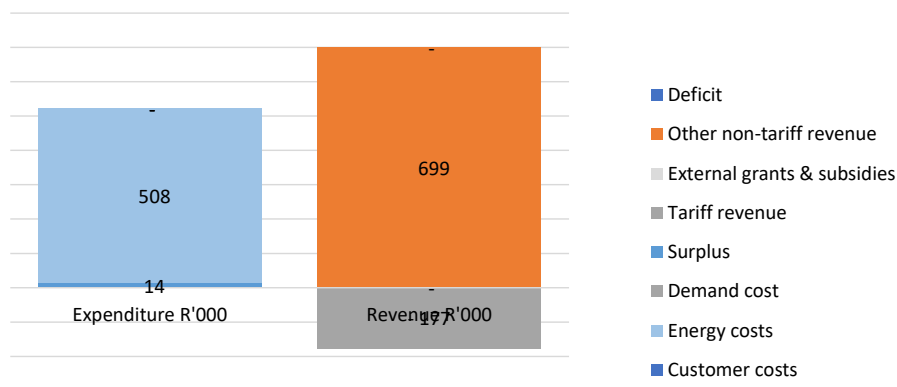
Annual





CO5 COMMERCIAL THREE PHASE 0-32Amps

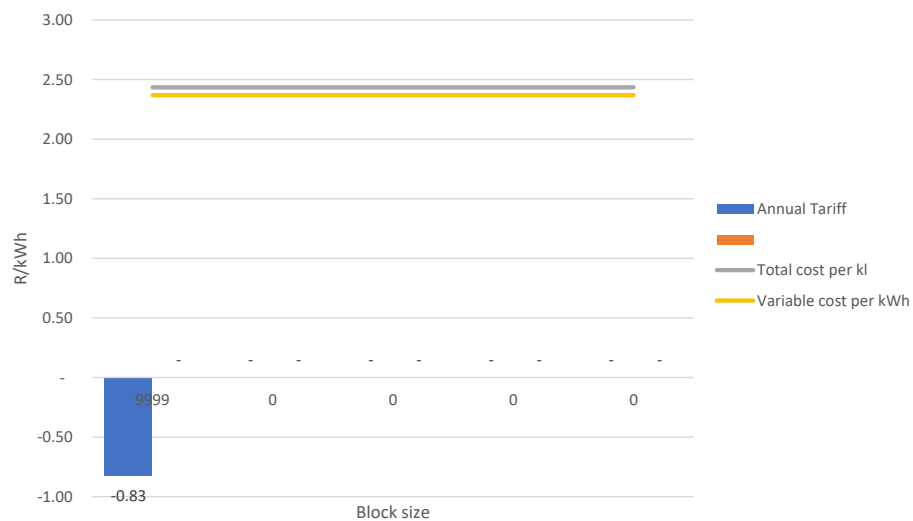
	(R)
Customer costs	14 165
Energy costs	508 096
Demand cost	-
Total cost	522 261
Surplus generated	-
Property rates allocated	-
Other income allocated	681 339
Other service charges allocated	17 951
External grants and subsidies allocated	-
Total non-tariff revenue	699 291
Deficit allowed	-
Tariff revenue required	- 177 030



	(R)
Cost per kWh	2.43
Tariff revenue required per kWh	- 0.83
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

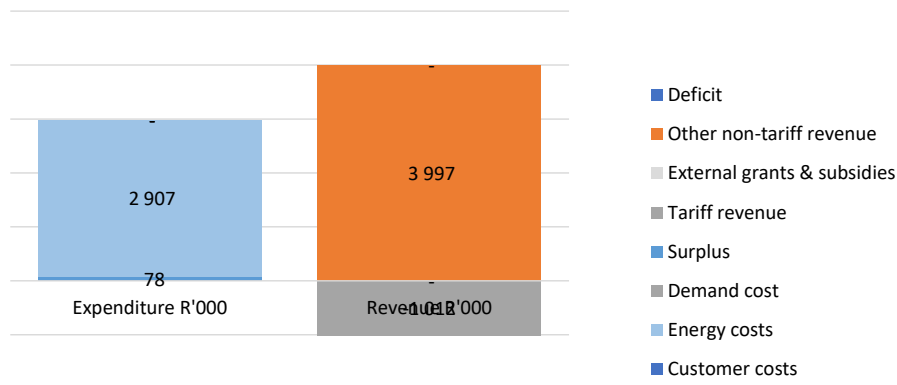
Annual





C07 COMMERCIAL THREE PHASE 33-63Amps

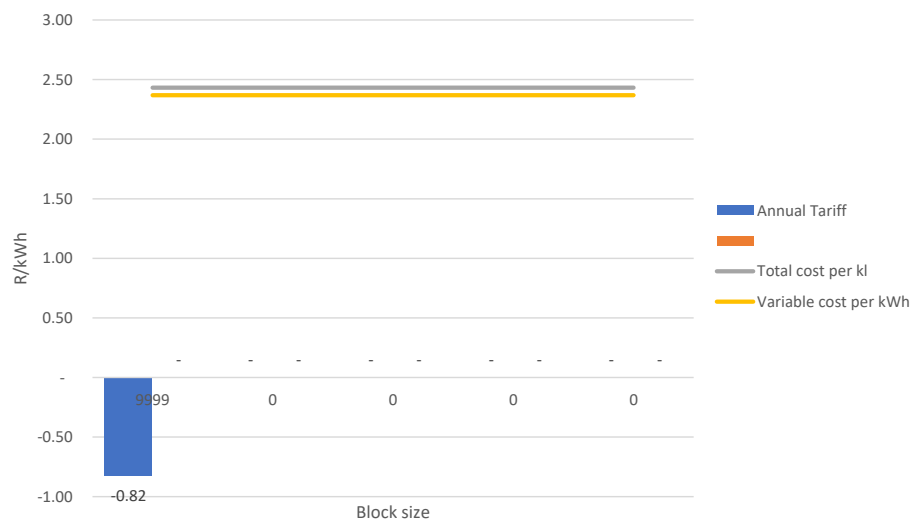
	(R)
Customer costs	77 905
Energy costs	2 906 945
Demand cost	-
Total cost	2 984 850
Surplus generated	-
Property rates allocated	-
Other income allocated	3 894 025
Other service charges allocated	102 596
External grants and subsidies allocated	-
Total non-tariff revenue	3 996 621
Deficit allowed	-
Tariff revenue required	- 1 011 771



	(R)
Cost per kWh	2.43
Tariff revenue required per kWh	- 0.82
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

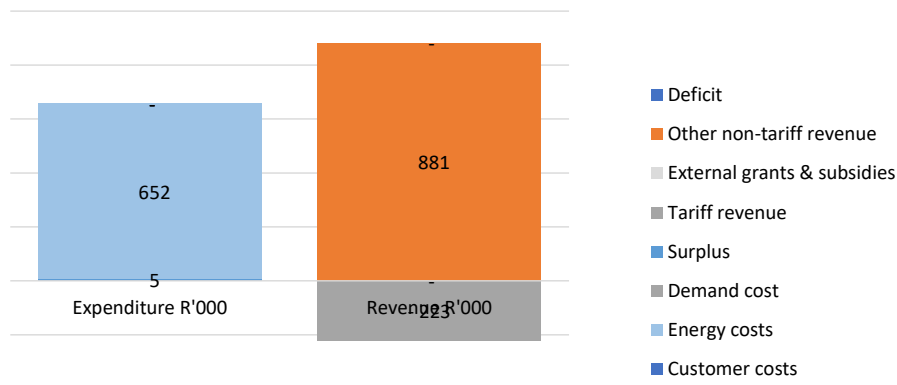
Annual





C08 COMMERCIAL THREE PHASE 64-100Amps

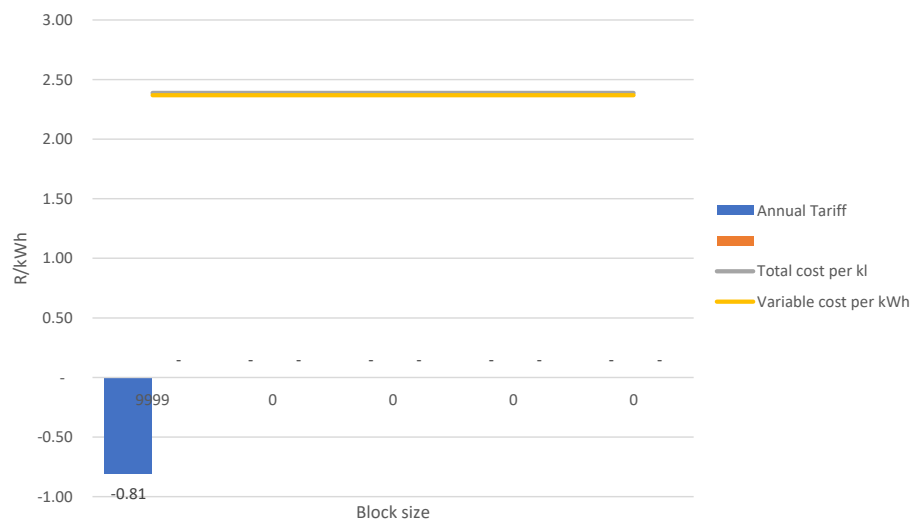
	(R)
Customer costs	5 312
Energy costs	652 416
Demand cost	-
Total cost	657 728
Surplus generated	-
Property rates allocated	-
Other income allocated	858 070
Other service charges allocated	22 608
External grants and subsidies allocated	-
Total non-tariff revenue	880 677
Deficit allowed	-
Tariff revenue required	- 222 949



	(R)
Cost per kWh	2.39
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

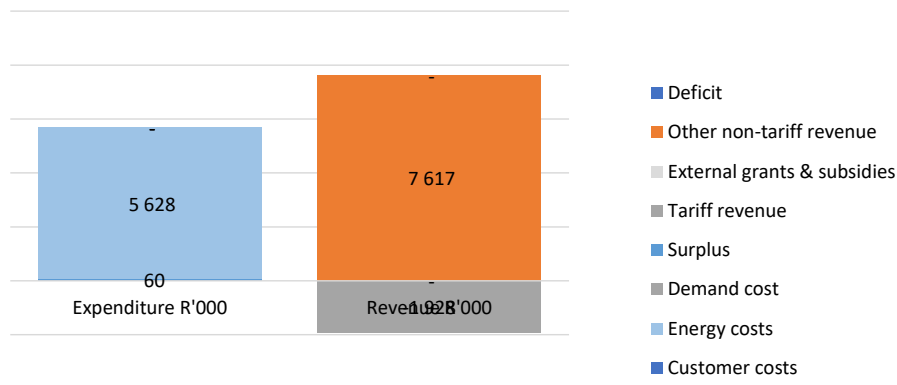
Annual





ELECTRICITY 71-500 KVA RIVERSDALE MUNICIPALITY

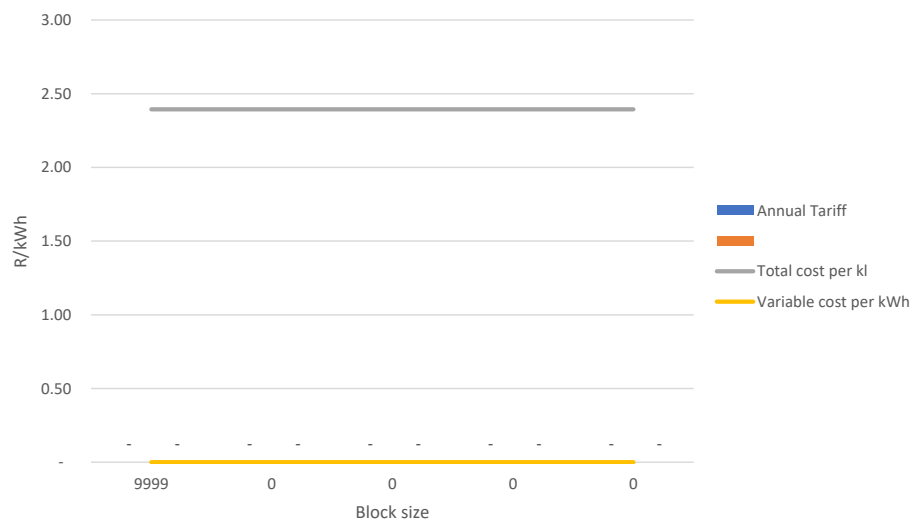
	(R)
Customer costs	60 199
Energy costs	5 628 390
Demand cost	-
Total cost	5 688 590
Surplus generated	-
Property rates allocated	-
Other income allocated	7 421 314
Other service charges allocated	195 530
External grants and subsidies allocated	-
Total non-tariff revenue	7 616 844
Deficit allowed	-
Tariff revenue required	- 1 928 254



	(R)
Cost per kWh	2.39
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

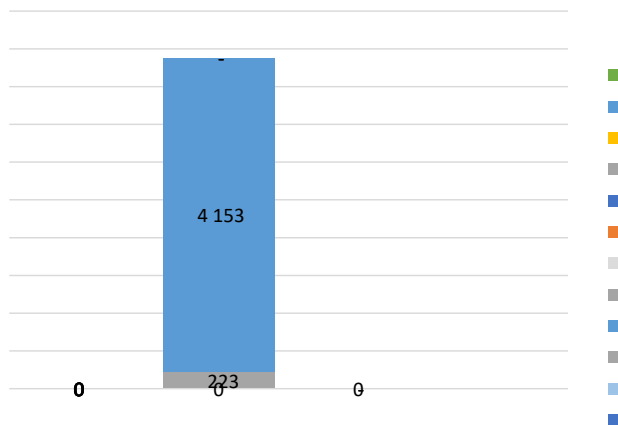
Consumption-based charge

Annual



ELECTRICITY F1 RIVERSDALE MUNICIPALITY

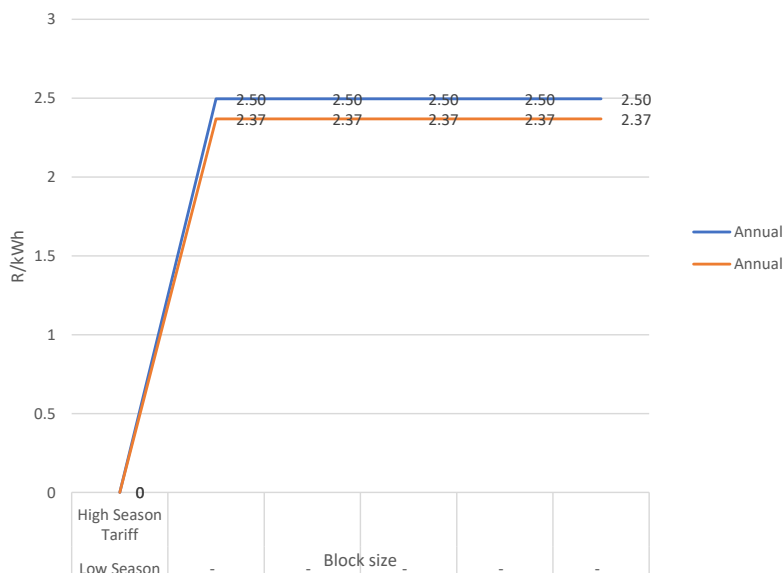
	(R)
Customer costs	223 092
Energy costs	4 152 608
Demand cost	-
Total cost	4 375 699
Surplus generated	-
Property rates allocated	-
Other income allocated	5 708 521
Other service charges allocated	150 403
External grants and subsidies allocated	-
Total non-tariff revenue	5 858 924
Deficit allowed	-
Tariff revenue required	- 1 483 225



	(R)
Cost per kWh	2.50
Tariff revenue required per kWh	- 0.85
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

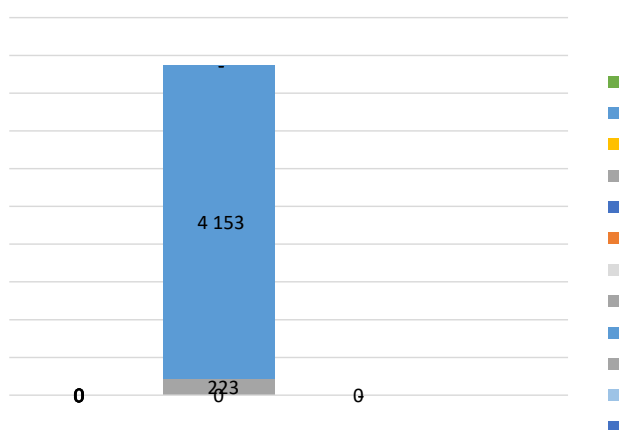
Consumption-based charge

0



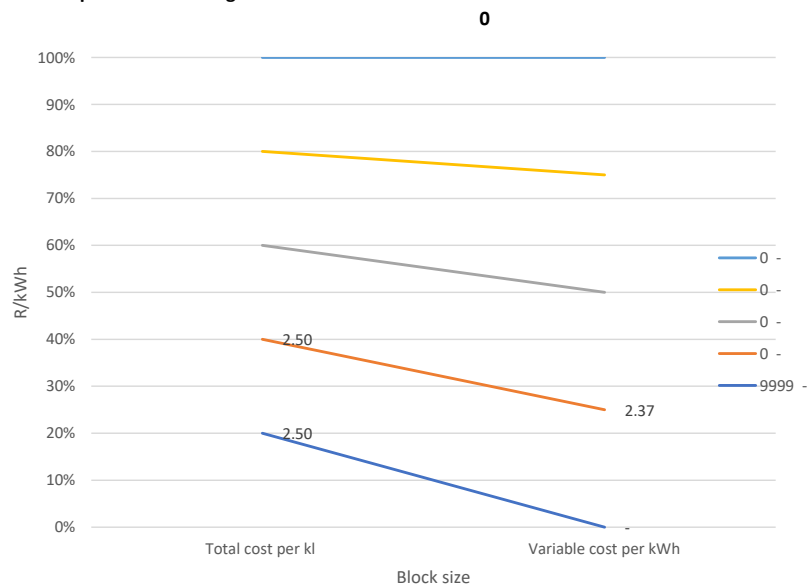
ELECTRICITY STREET LIGHTS

	(R)
Customer costs	405 460
Energy costs	1 716 181
Demand cost	-
Total cost	2 121 641
Surplus generated	-
Property rates allocated	-
Other income allocated	2 767 886
Other service charges allocated	72 926
External grants and subsidies allocated	-
Total non-tariff revenue	2 840 811
Deficit allowed	-
Tariff revenue required	- 719 170



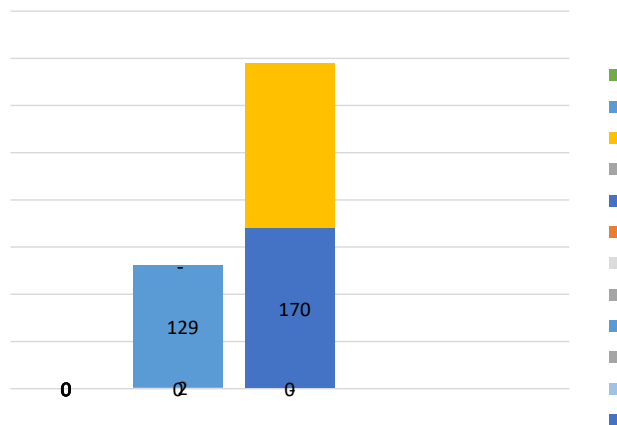
	(R)
Cost per kWh	2.93
Tariff revenue required per kWh	- 0.99
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge



CONVENTIONAL HUIS WALLACE ANDERSON

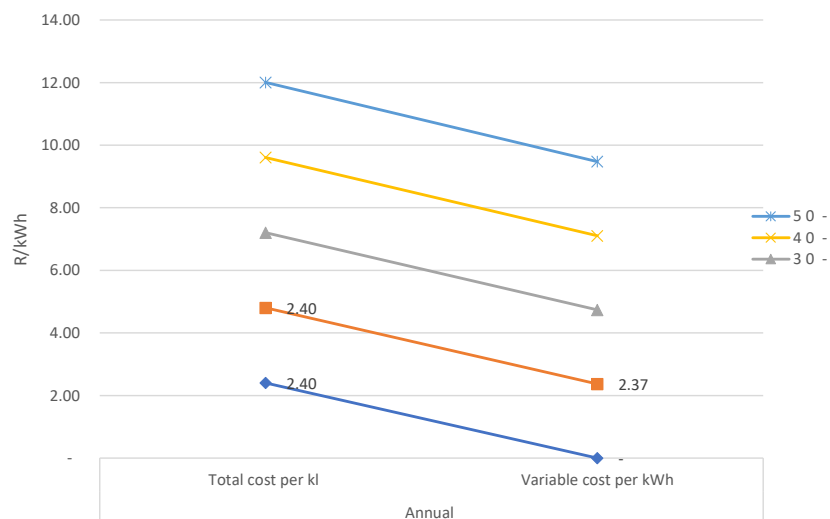
	(R)
Customer costs	1 771
Energy costs	128 736
Demand cost	-
Total cost	130 507
Surplus generated	-
Property rates allocated	-
Other income allocated	170 259
Other service charges allocated	4 486
External grants and subsidies allocated	-
Total non-tariff revenue	174 745
Deficit allowed	-
Tariff revenue required	- 44 238



	(R)
Cost per kWh	2.40
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%
Fixed charge	No
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

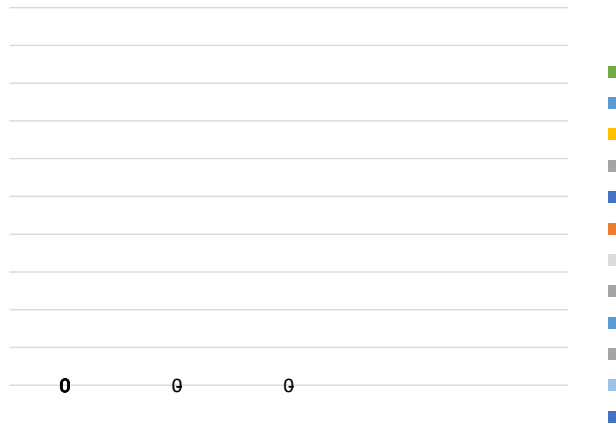
0



0

(R)

Customer costs	-
Energy costs	-
Demand cost	-
Total cost	-
Surplus generated	-
Property rates allocated	-
Other income allocated	-
Other service charges allocated	-
External grants and subsidies allocated	-
Total non-tariff revenue	-
Deficit allowed	-
Tariff revenue required	-

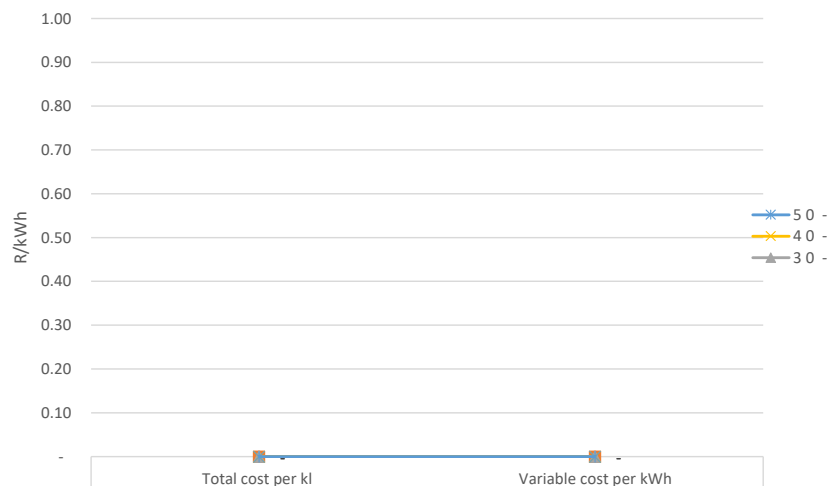


(R)

Cost per kWh	-
Tariff revenue required per kWh	-
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

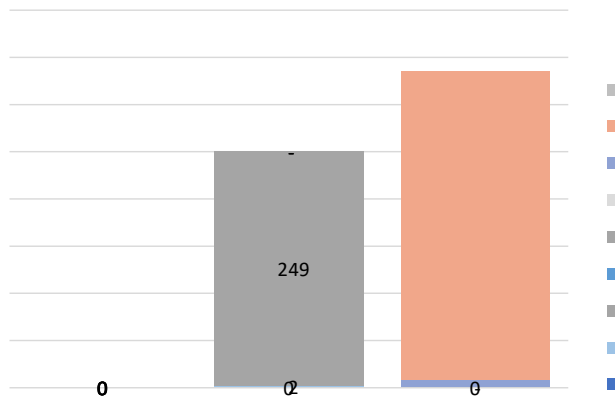
Consumption-based charge

0



DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps

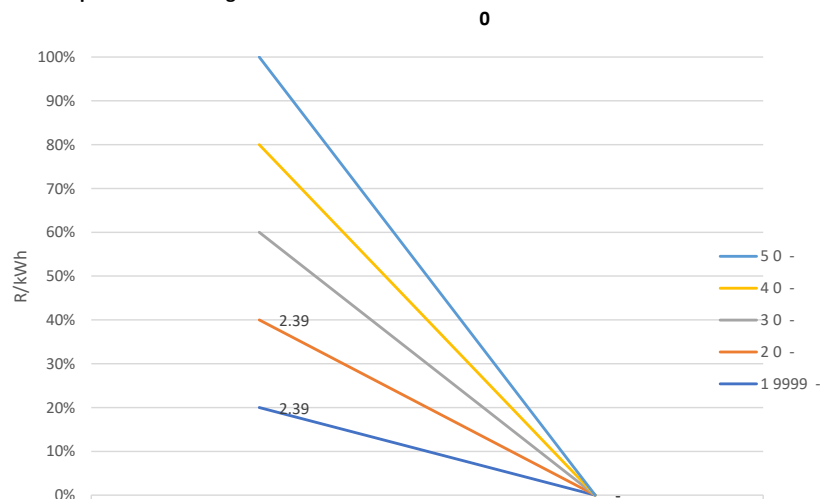
	(R)
Customer costs	1 771
Energy costs	248 540
Demand cost	-
Total cost	250 311
Surplus generated	-
Property rates allocated	-
Other income allocated	326 555
Other service charges allocated	8 604
External grants and subsidies allocated	-
Total non-tariff revenue	335 158
Deficit allowed	-
Tariff revenue required	- 84 848



Figures for graph:

	(R)
Cost per kWh	2.39
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

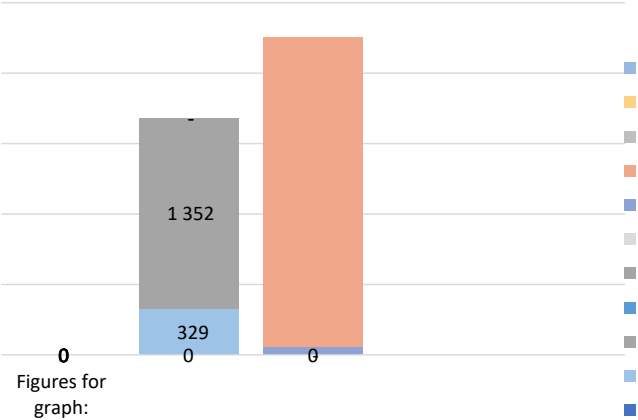
Consumption-based charge



	Total cost per kl	Variable cost per kWh
	Annual	
	Block size	

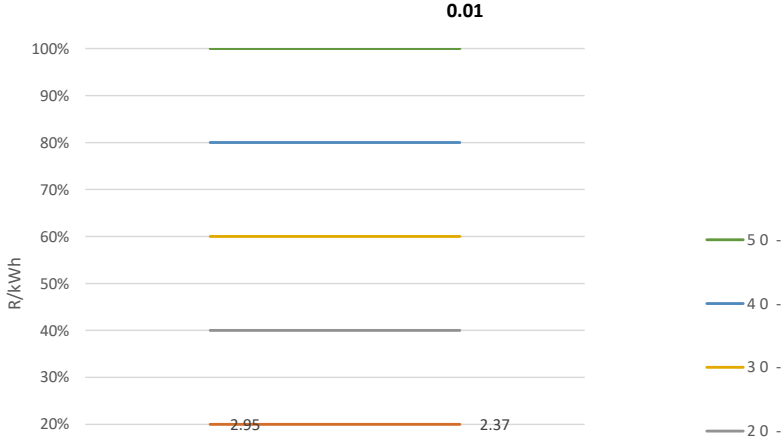
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)

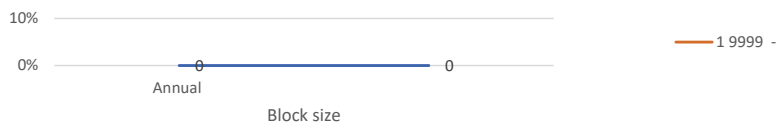
	(R)
Customer costs	329 326
Energy costs	1 352 420
Demand cost	-
Total cost	1 681 746
Surplus generated	-
Property rates allocated	-
Other income allocated	2 194 000
Other service charges allocated	57 806
External grants and subsidies allocated	-
Total non-tariff revenue	2 251 805
Deficit allowed	-
Tariff revenue required	- 570 059



	(R)
Cost per kWh	2.95
Tariff revenue required per kWh	- 1.00
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

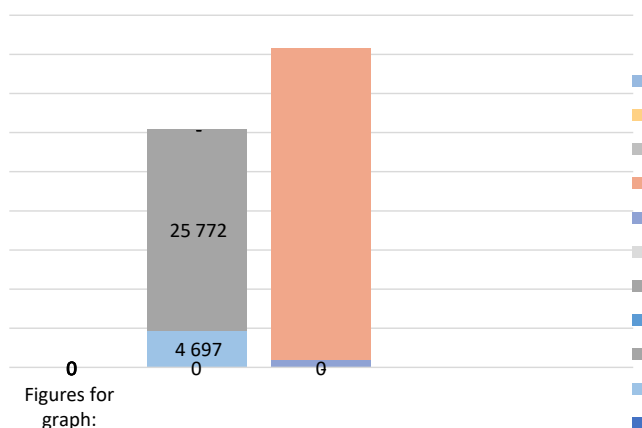
Consumption-based charge





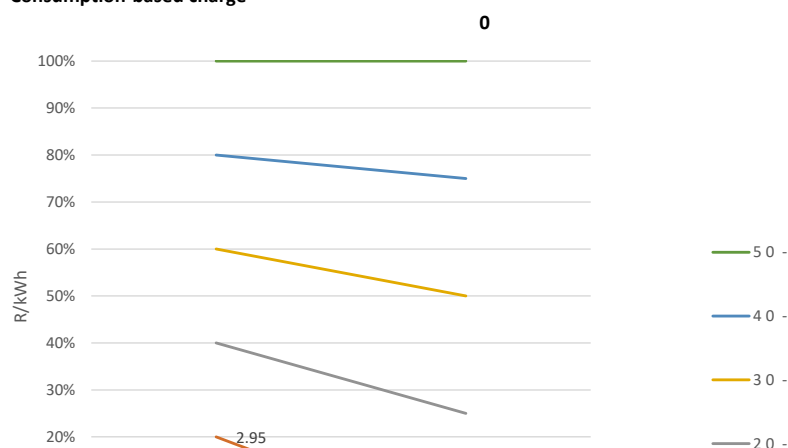
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)

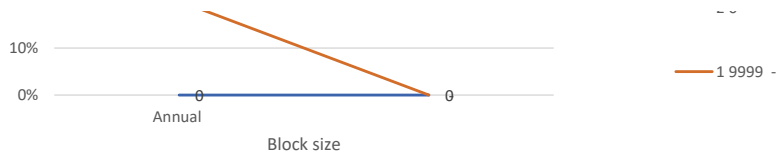
	(R)
Customer costs	4 697 317
Energy costs	25 772 267
Demand cost	-
Total cost	30 469 584
Surplus generated	-
Property rates allocated	-
Other income allocated	39 750 509
Other service charges allocated	1 047 311
External grants and subsidies allocated	5 571 036
Total non-tariff revenue	46 368 856
Deficit allowed	1 572 467
Tariff revenue required	- 17 471 740



	(R)
Cost per kWh	2.80
Tariff revenue required per kWh	- 1.61
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

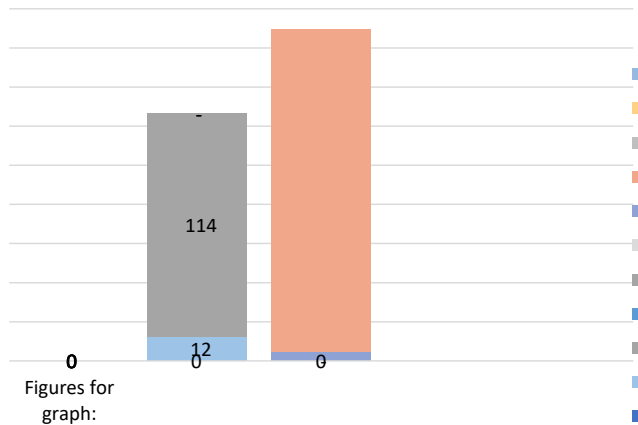
Consumption-based charge





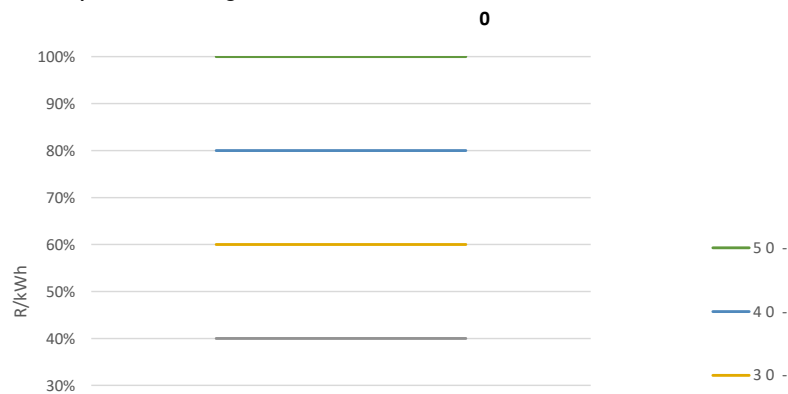
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHD32)

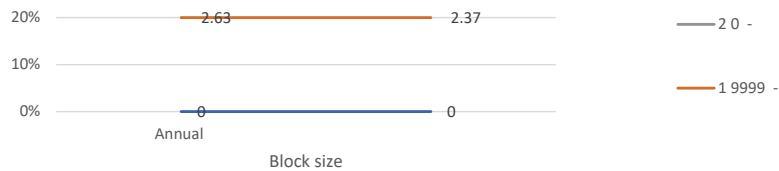
	(R)
Customer costs	12 394
Energy costs	114 130
Demand cost	-
Total cost	126 524
Surplus generated	-
Property rates allocated	-
Other income allocated	165 062
Other service charges allocated	4 349
External grants and subsidies allocated	23 134
Total non-tariff revenue	192 545
Deficit allowed	6 530
Tariff revenue required	- 72 551



	(R)
Cost per kWh	2.63
Tariff revenue required per kWh	- 1.51
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

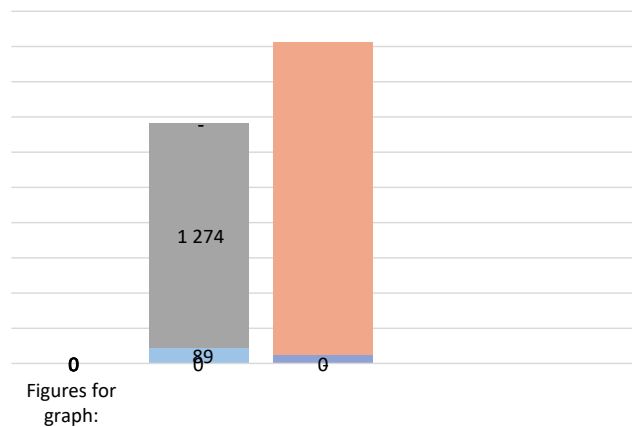
Consumption-based charge





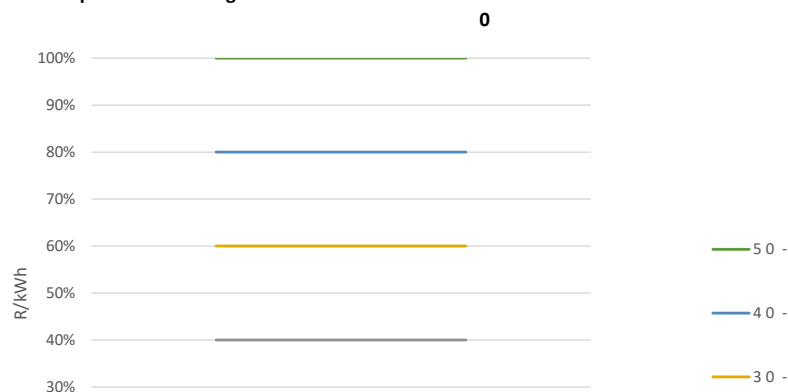
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHD63)

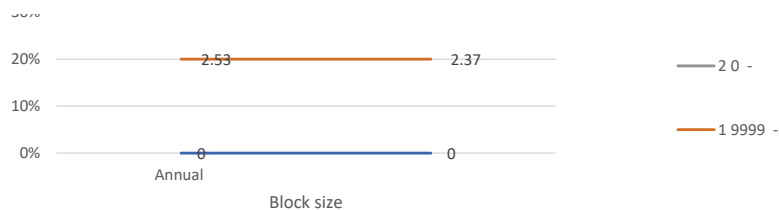
	(R)
Customer costs	88 528
Energy costs	1 273 838
Demand cost	-
Total cost	1 362 366
Surplus generated	-
Property rates allocated	-
Other income allocated	1 777 338
Other service charges allocated	46 828
External grants and subsidies allocated	249 094
Total non-tariff revenue	2 073 260
Deficit allowed	70 309
Tariff revenue required	- 781 202



	(R)
Cost per kWh	2.53
Tariff revenue required per kWh	- 1.45
Surcharge/ deficit % of cost	5%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

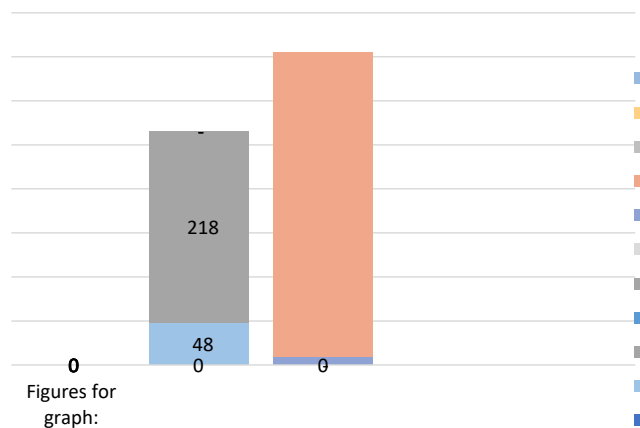
Consumption-based charge





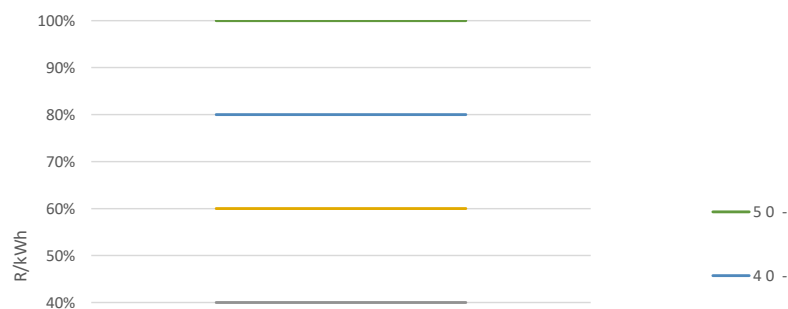
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)

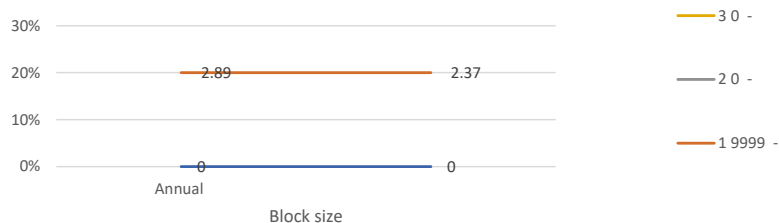
	(R)
Customer costs	47 805
Energy costs	217 772
Demand cost	-
Total cost	265 578
Surplus generated	-
Property rates allocated	-
Other income allocated	346 472
Other service charges allocated	9 129
External grants and subsidies allocated	-
Total non-tariff revenue	355 600
Deficit allowed	-
Tariff revenue required	- 90 023



	(R)
Cost per kWh	2.89
Tariff revenue required per kWh	- 0.98
Surcharge/ deficit % of cost	0%
Fixed charge	Customer costs
Revenue from fixed charge as % of fixed cost	0%

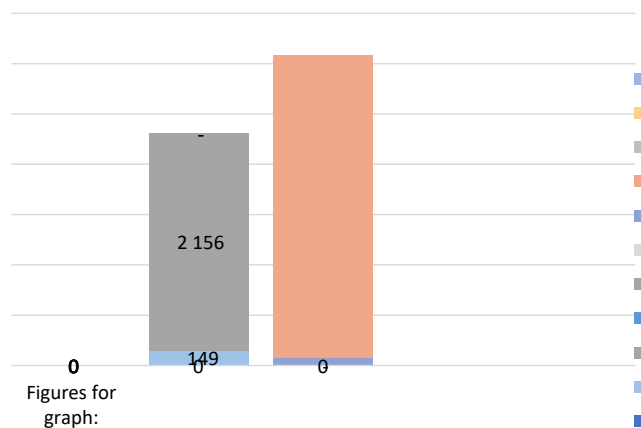
Consumption-based charge Fixed costs per customer category





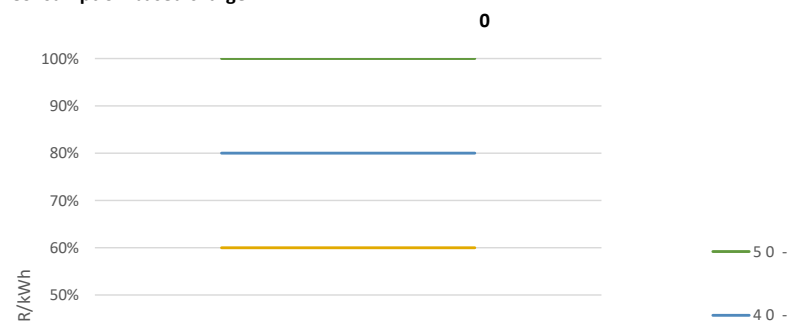
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)

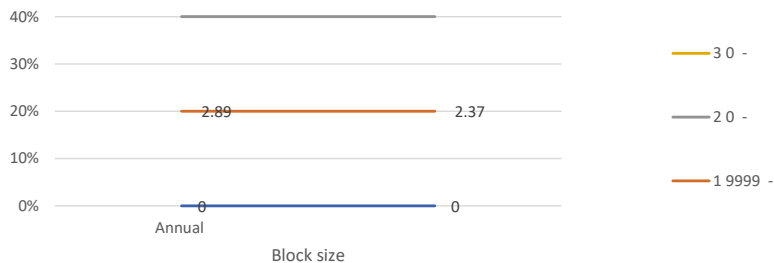
	(R)
Customer costs	148 728
Energy costs	2 156 391
Demand cost	-
Total cost	2 305 118
Surplus generated	-
Property rates allocated	-
Other income allocated	3 007 249
Other service charges allocated	79 232
External grants and subsidies allocated	-
Total non-tariff revenue	3 086 482
Deficit allowed	-
Tariff revenue required	- 781 363



	(R)
Cost per kWh	2.53
Tariff revenue required per kWh	- 0.86
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

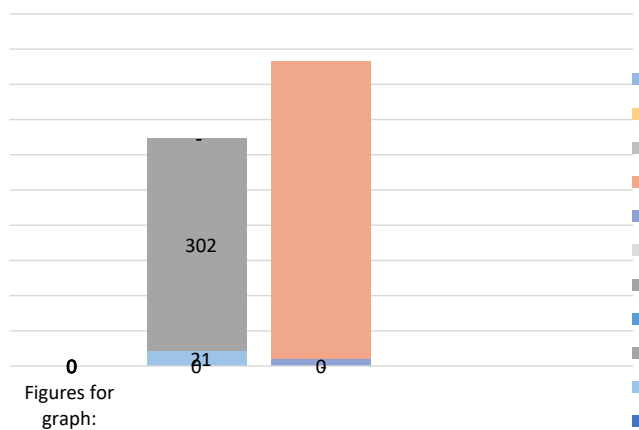
Consumption-based charge





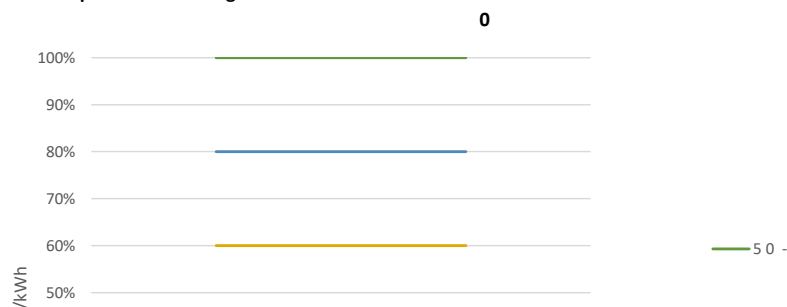
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)

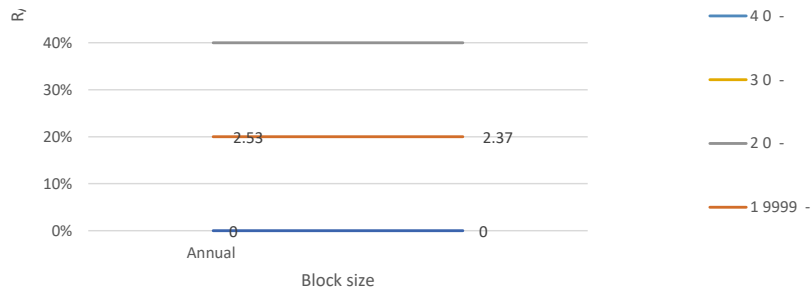
	(R)
Customer costs	21 247
Energy costs	302 407
Demand cost	-
Total cost	323 654
Surplus generated	-
Property rates allocated	-
Other income allocated	422 237
Other service charges allocated	11 125
External grants and subsidies allocated	-
Total non-tariff revenue	433 362
Deficit allowed	-
Tariff revenue required	- 109 709



	(R)
Cost per kWh	2.53
Tariff revenue required per kWh	- 0.86
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

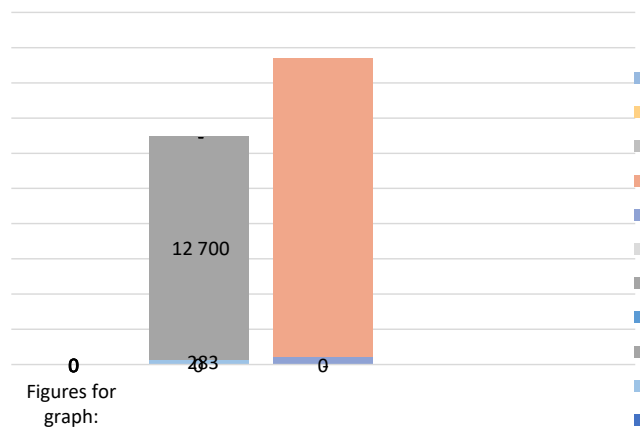
Consumption-based charge





COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)

	(R)
Customer costs	283 291
Energy costs	12 700 292
Demand cost	-
Total cost	12 983 582
Surplus generated	-
Property rates allocated	-
Other income allocated	16 938 335
Other service charges allocated	446 276
External grants and subsidies allocated	-
Total non-tariff revenue	17 384 611
Deficit allowed	-
Tariff revenue required	- 4 401 029

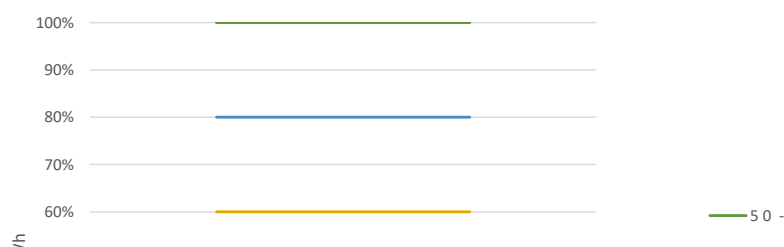


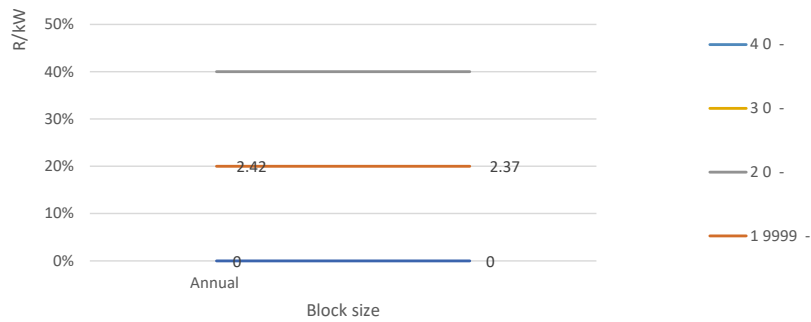
	(R)
Cost per kWh	2.42
Tariff revenue required per kWh	- 0.82
Surcharge/ deficit % of cost	0%

Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

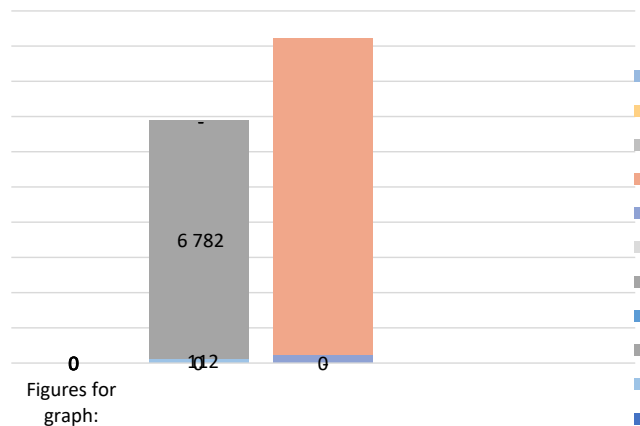
0





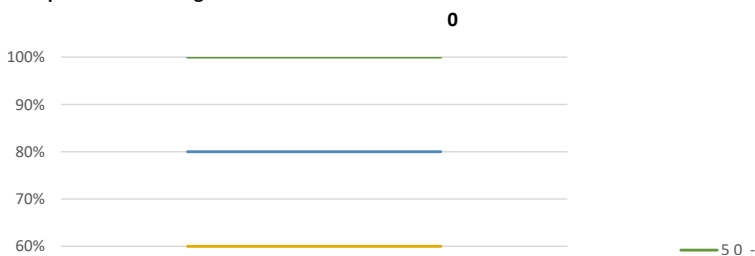
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)

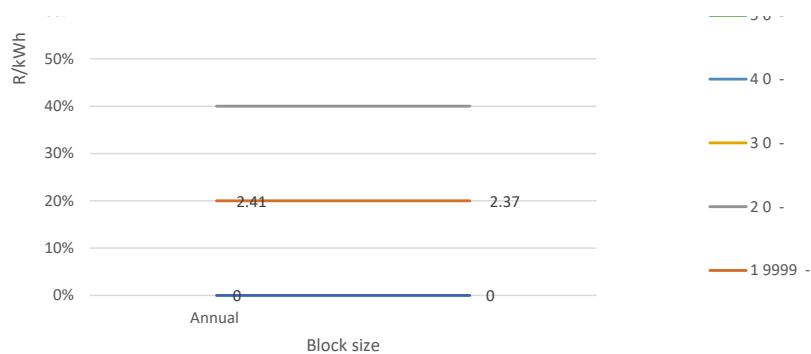
	(R)
Customer costs	111 546
Energy costs	6 782 095
Demand cost	-
Total cost	6 893 641
Surplus generated	-
Property rates allocated	-
Other income allocated	8 993 419
Other service charges allocated	236 951
External grants and subsidies allocated	-
Total non-tariff revenue	9 230 370
Deficit allowed	-
Tariff revenue required	- 2 336 729



	(R)
Cost per kWh	2.41
Tariff revenue required per kWh	- 0.82
Surcharge/ deficit % of cost	0%
Fixed charge	No
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge





INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)

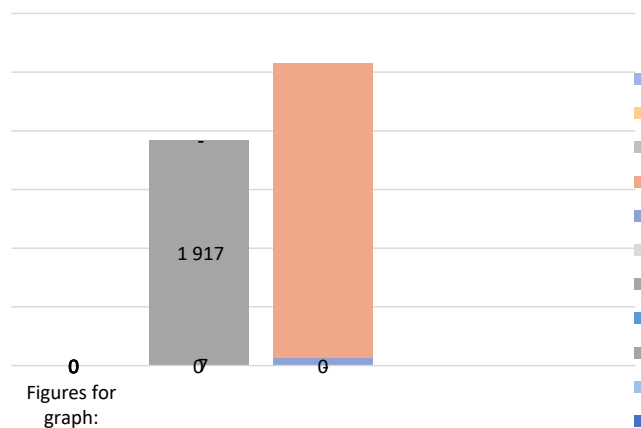
	(R)
Customer costs	7 082
Energy costs	1 917 299
Demand cost	-
Total cost	1 924 382

Surplus generated	-
-------------------	---

Property rates allocated	-
Other income allocated	2 510 542
Other service charges allocated	66 146
External grants and subsidies allocated	-
Total non-tariff revenue	2 576 687

Deficit allowed	-
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Tariff revenue required	- 652 305
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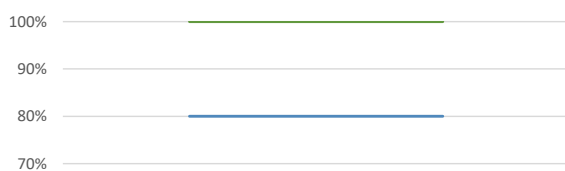


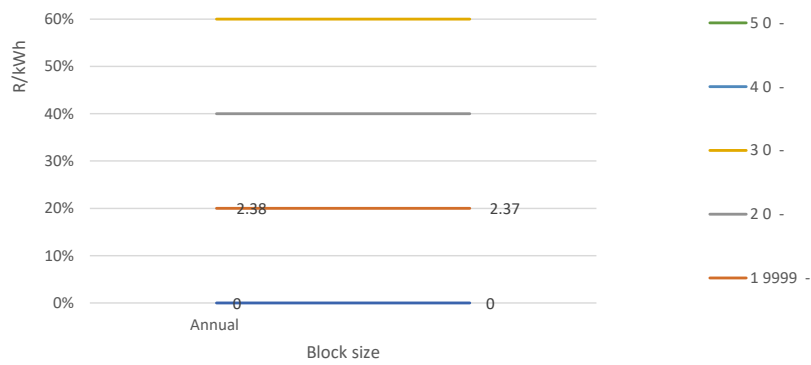
	(R)
Cost per kWh	2.38
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%

Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge

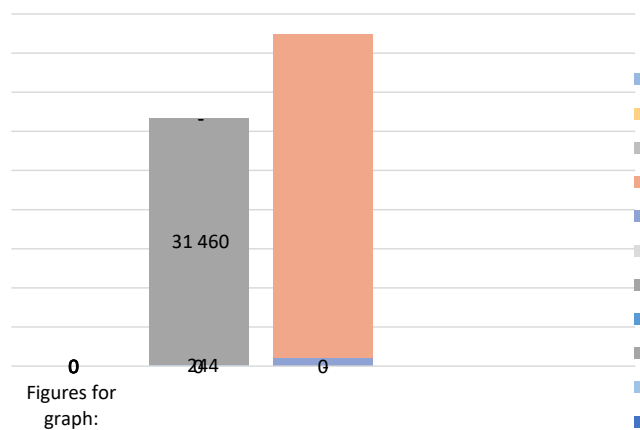
0





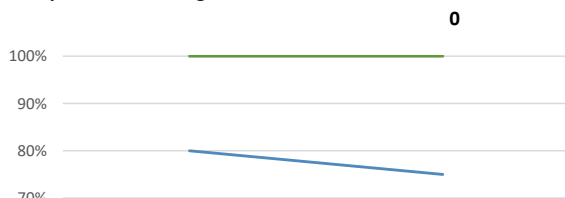
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)

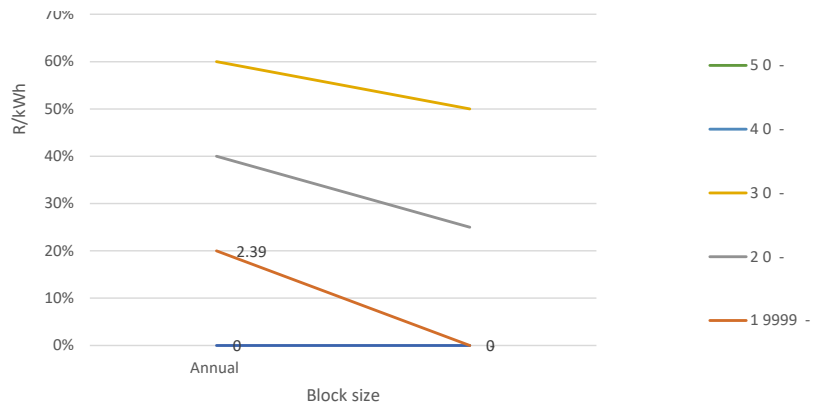
	(R)
Customer costs	244 338
Energy costs	31 460 199
Demand cost	-
Total cost	31 704 537
Surplus generated	-
Property rates allocated	-
Other income allocated	41 361 625
Other service charges allocated	1 089 760
External grants and subsidies allocated	-
Total non-tariff revenue	42 451 385
Deficit allowed	-
Tariff revenue required	- 10 746 848



	(R)
Cost per kWh	2.39
Tariff revenue required per kWh	- 0.81
Surcharge/ deficit % of cost	0%
Fixed charge	-
Revenue from fixed charge as % of fixed cost	0%

Consumption-based charge





Scroll to top

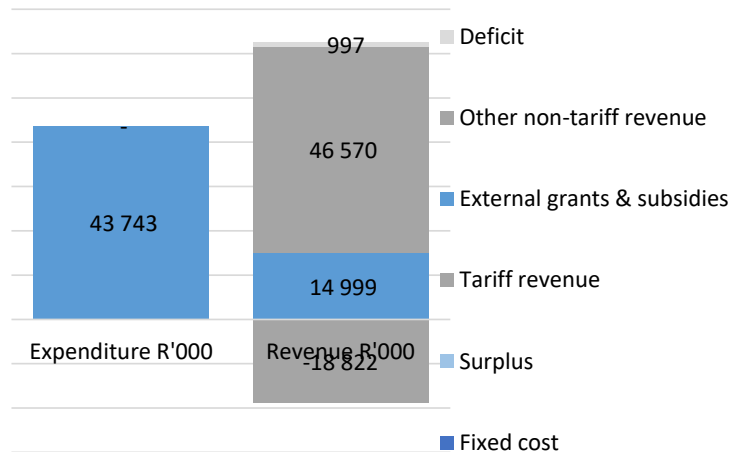
Select customer
category

Domestic

Go to sheet

VULLIS 1 VERWYDERING/WEEK RESIDENSIEEL

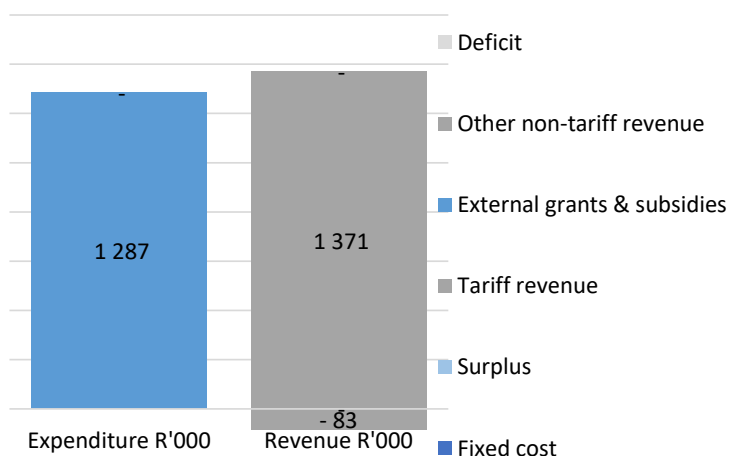
	(R)
Fixed cost	43 743 472
Total cost	43 743 472
Surplus generated	-
Property rates allocated	-
Other income allocated	46 527 680
Other service charges allocated	42 545
External grants and subsidies allocated	14 998 899
Total non-tariff revenue	61 569 123
Deficit allowed	996 607
Tariff revenue required	- 18 822 257



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 112.85
Surcharge/ deficit % of cost	0.02
Fixed charge	- 112.85

VULLIS BESIGHEID/KOMMERSIEEL/INDUSTRIEEL

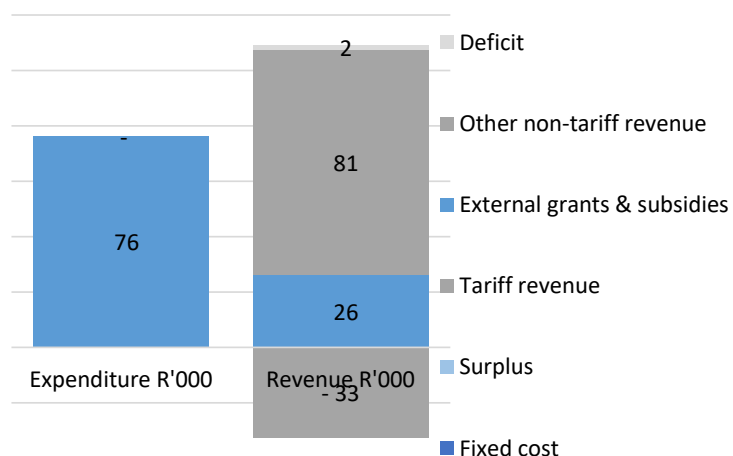
	(R)
Fixed cost	1 287 321
Total cost	1 287 321
Surplus generated	-
Property rates allocated	-
Other income allocated	1 369 257
Other service charges allocated	1 252
External grants and subsidies allocated	-
Total non-tariff revenue	1 370 509
Deficit allowed	-
Tariff revenue required	- 83 188



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 16.95
Surcharge/ deficit % of cost	-
Fixed charge	- 16.95

VULLIS GROOTMAAT MAKSIMUM 3 VERWYDERINGS/WEEK

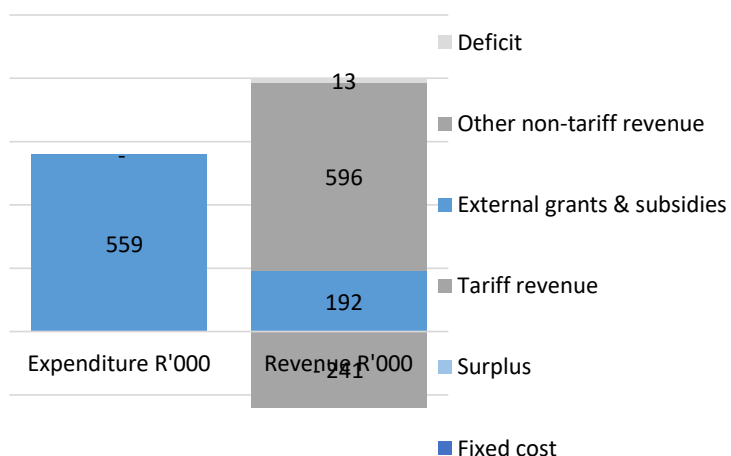
	(R)
Fixed cost	76 286
Total cost	76 286
Surplus generated	-
Property rates allocated	-
Other income allocated	81 141
Other service charges allocated	74
External grants and subsidies allocated	26 157
Total non-tariff revenue	107 372
Deficit allowed	1 738
Tariff revenue required	- 32 825



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 112.85
Surcharge/ deficit % of cost	0.02
Fixed charge	- 112.85

VULLIS RESIDENSIEEL 20% KORTING

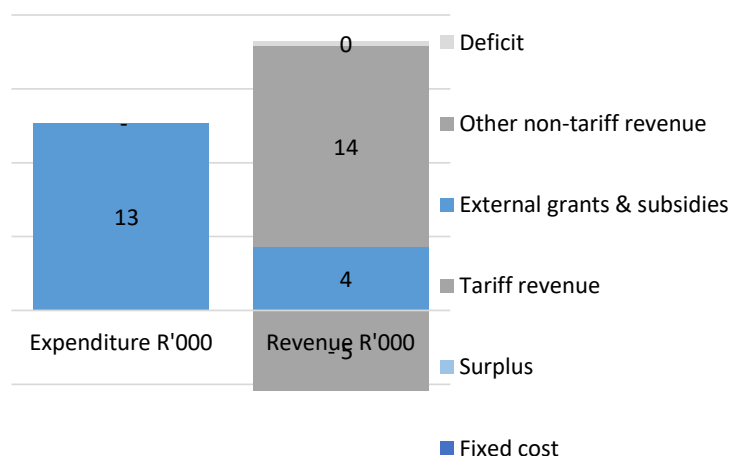
	(R)
Fixed cost	559 428
Total cost	559 428
Surplus generated	-
Property rates allocated	-
Other income allocated	595 035
Other service charges allocated	544
External grants and subsidies allocated	191 818
Total non-tariff revenue	787 398
Deficit allowed	12 745
Tariff revenue required	- 240 715



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 112.85
Surcharge/ deficit % of cost	0.02
Fixed charge	- 112.85

VULLIS GROOTMAAT MAKSIMUM 4-7 VERWYDERINGS/WEEK

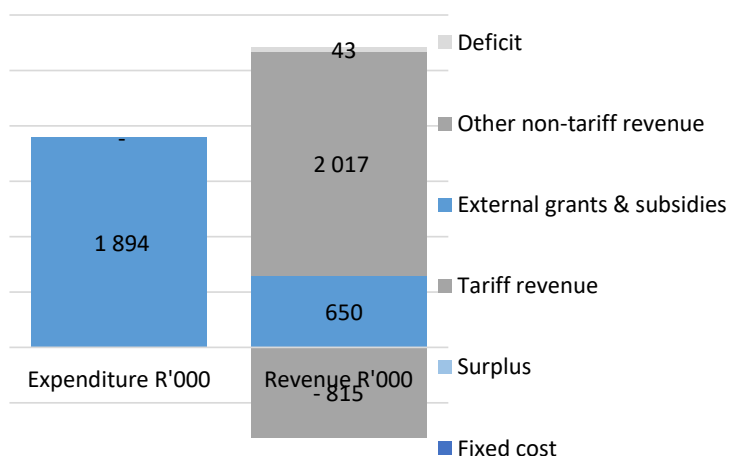
	(R)
Fixed cost	12 714
Total cost	12 714
Surplus generated	-
Property rates allocated	-
Other income allocated	13 524
Other service charges allocated	12
External grants and subsidies allocated	4 360
Total non-tariff revenue	17 895
Deficit allowed	290
Tariff revenue required	- 5 471



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 112.85
Surcharge/ deficit % of cost	0.02
Fixed charge	- 112.85

VULLIS INFORMELE BEHUISSING

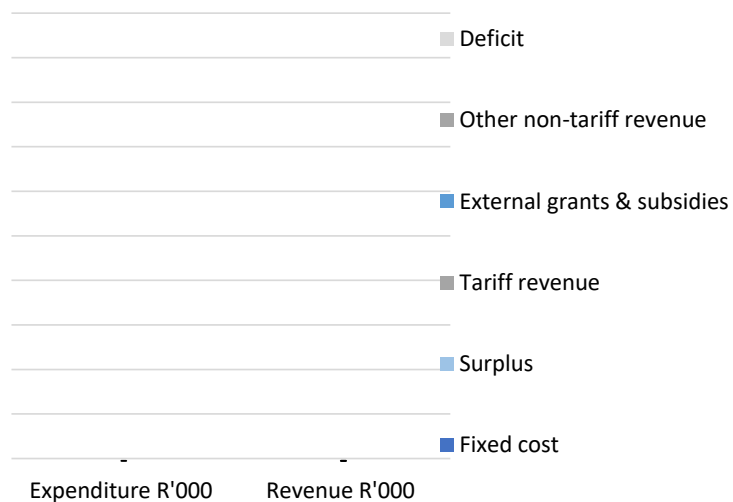
	(R)
Fixed cost	1 894 427
Total cost	1 894 427
Surplus generated	-
Property rates allocated	-
Other income allocated	2 015 005
Other service charges allocated	1 843
External grants and subsidies allocated	649 567
Total non-tariff revenue	2 666 415
Deficit allowed	43 161
Tariff revenue required	- 815 148



	(R)
Cost per bin collected	262.26
Tariff revenue required	- 112.85
Surcharge/ deficit % of cost	0.02
Fixed charge	- 112.85

#REF!

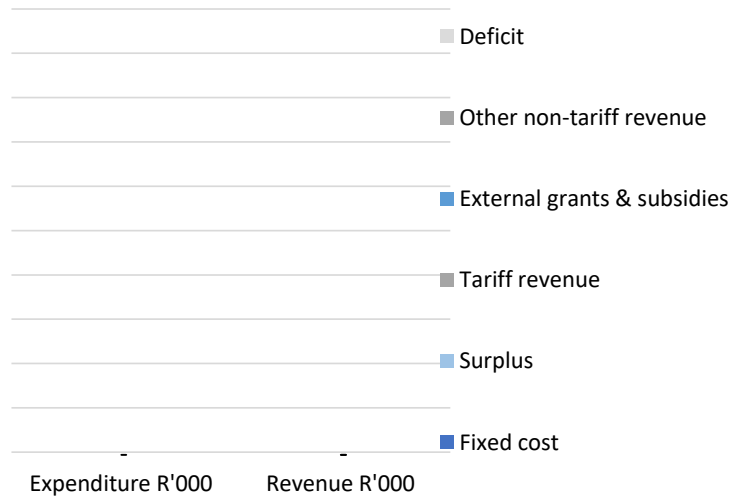
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	- 112.85

#REF!

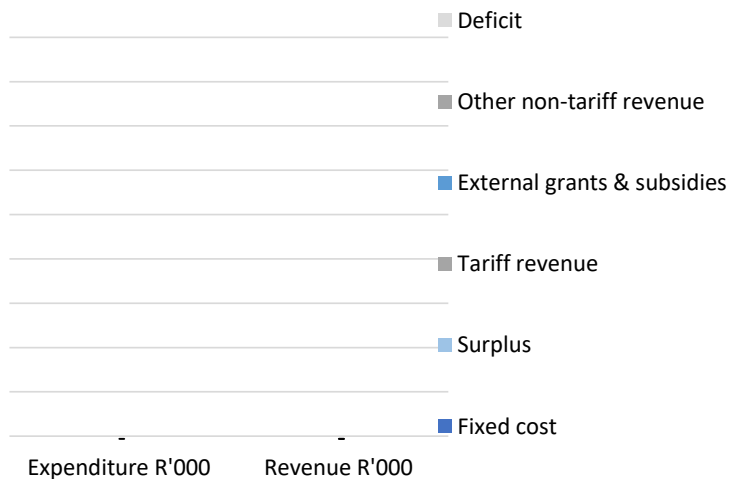
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	- 112.85

#REF!

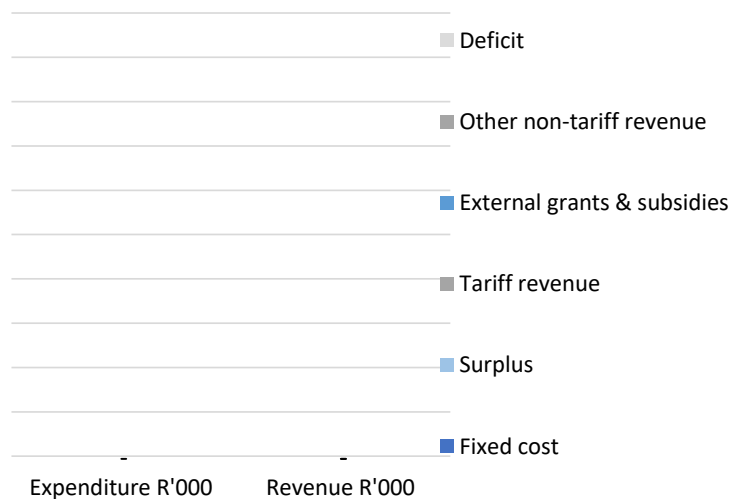
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	- 112.85

#REF!

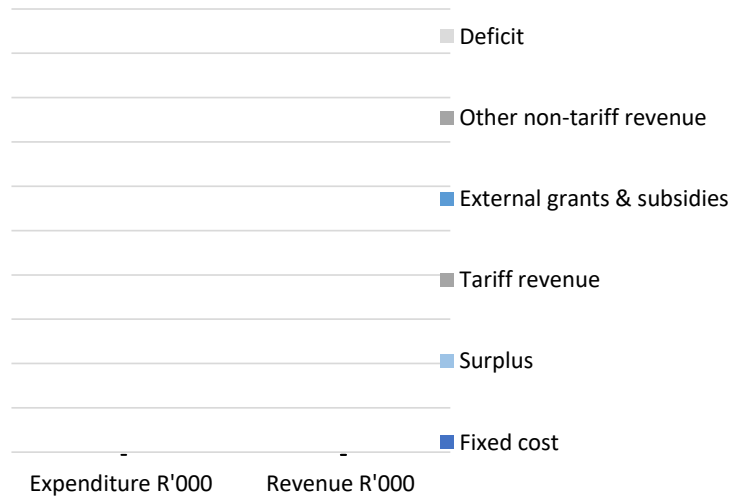
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	- 112.85

#REF!

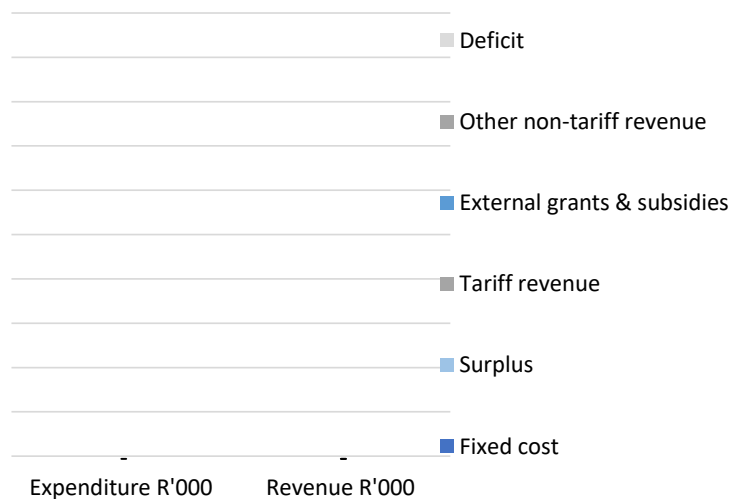
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	- 112.85

#REF!

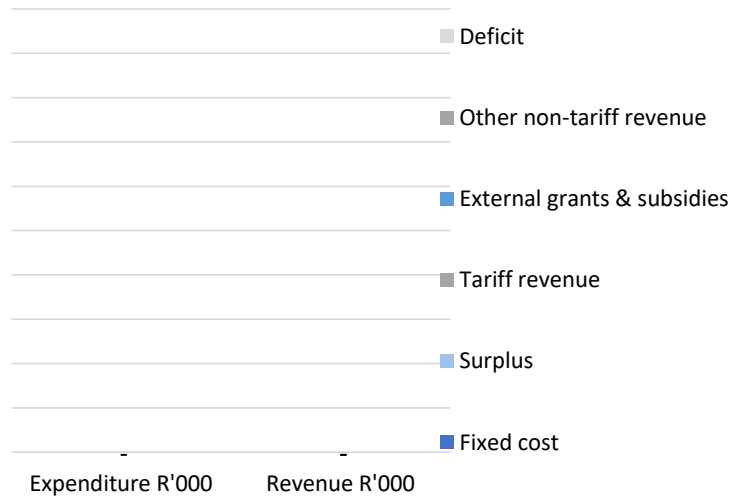
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

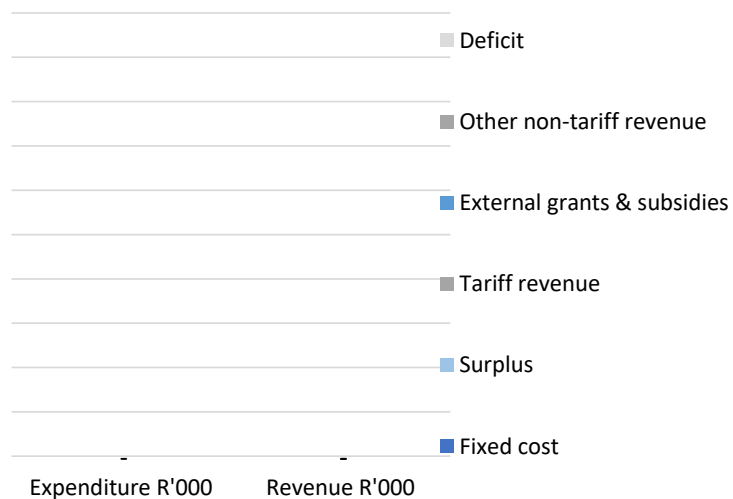
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

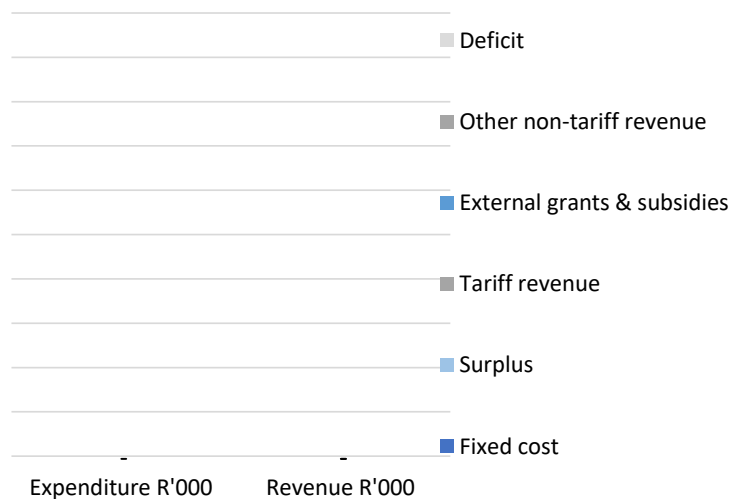
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

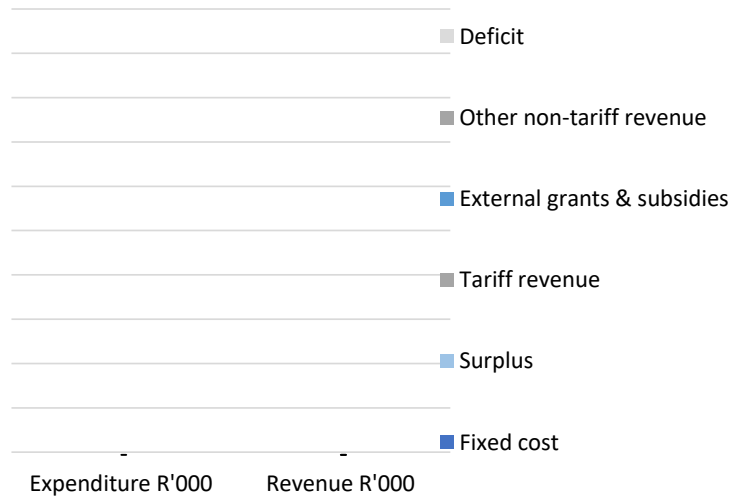
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

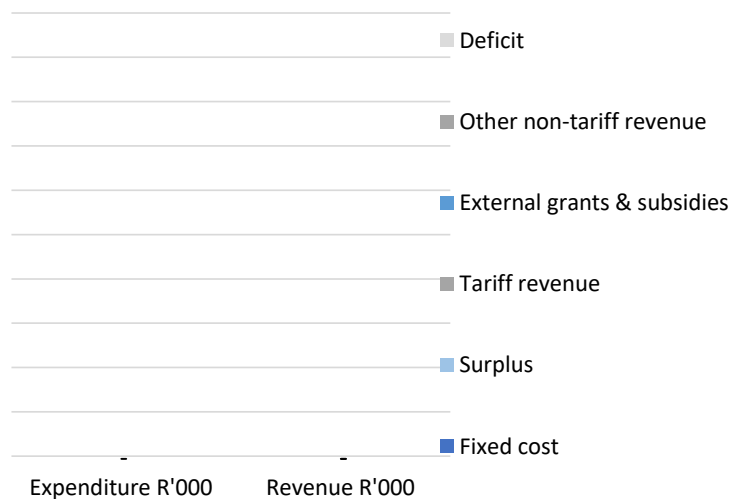
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

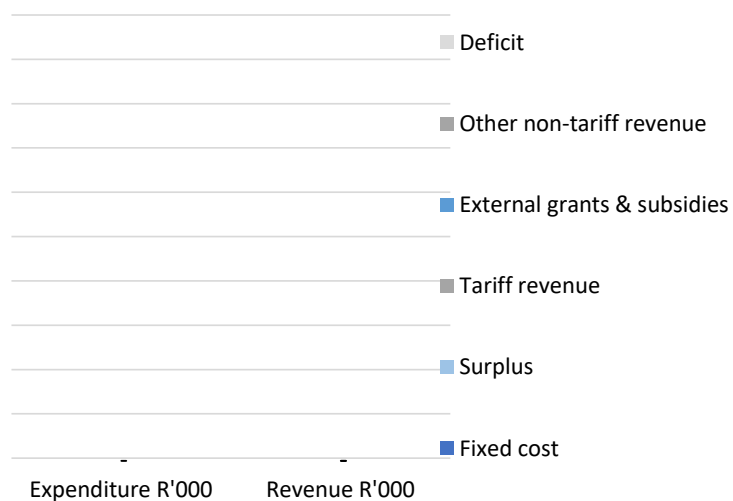
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

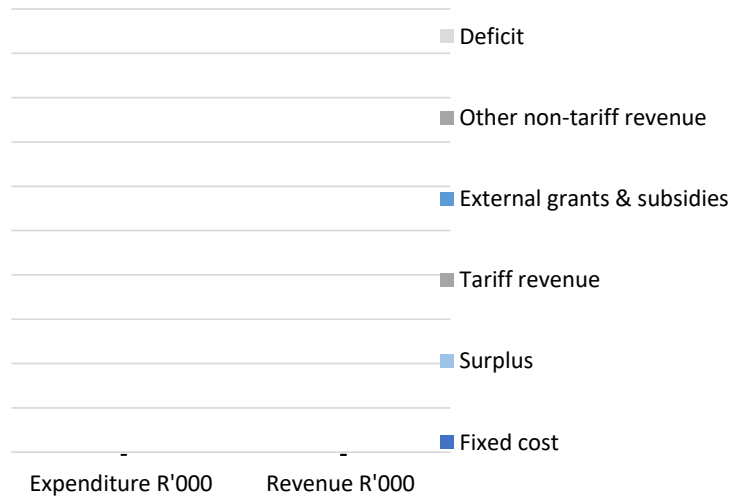
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

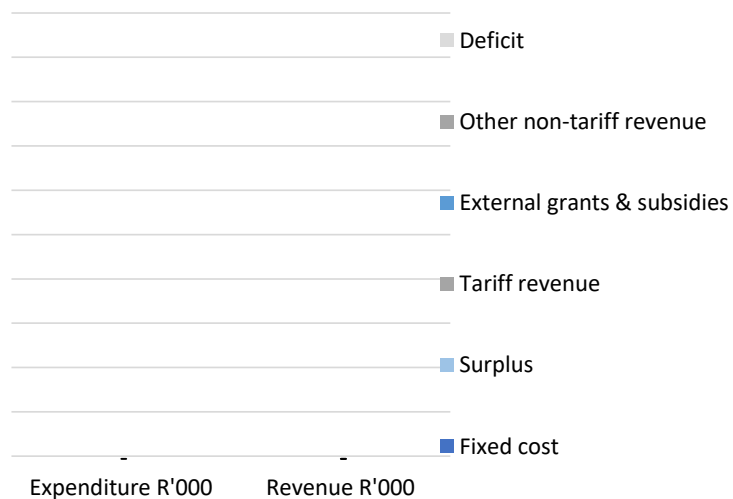
	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

#REF!

	(R)
Fixed cost	#REF!
Total cost	#REF!
Surplus generated	#REF!
Property rates allocated	#REF!
Other income allocated	#REF!
Other service charges allocated	#REF!
External grants and subsidies allocated	#REF!
Total non-tariff revenue	#REF!
Deficit allowed	#REF!
Tariff revenue required	#REF!



	(R)
Cost per bin collected	#REF!
Tariff revenue required	#REF!
Surcharge/ deficit % of cost	-
Fixed charge	-

This sheet tests the affordability of the tariffs. This is done by calculating the household bill for all four services for some 'typical' customers. The user must specify the typical customers and indicate what tariff applies to them. The tariffs set in the tool are then used to calculate the bill and the bill as a % of monthly income.

SPECIFYING 'TYPICAL' HOUSEHOLDS

The user must specify some 'typical' households in the table below. This means indicating what income an indigent, low income, middle income and high income household in your municipality earns, and what volumes of water and electricity they purchase.

Customer Type	Income per household	Water (kl/month purchased)	Electricity (kWh/month purchased)
Indigent	4 500	15	350
Low Income		15	
Middle Income			
High Income			

TARIFF CATEGORIES APPLYING TO 'TYPICAL' HOUSEHOLDS

The user must then indicate what tariff applies to each of the customer types, by selecting from the dropdown lists below. These dropdown lists are drawn from the customer categories previously entered by the user on the '2 Customer data' sheet.

Customer Type	Water	Sanitation	Electricity	Solid waste
Indigent	Indigents	Domestic	Indigents	Domestic
Low Income	Domestic	Domestic	Domestic	Domestic
Middle Income	Domestic	Domestic	Domestic	Domestic
High Income	Domestic	Domestic Flats	Domestic	Domestic

The user may have applied an annual or seasonal tariff for the tariff category that applies to each 'typical' household. If the tariff is an annual tariff, the user should select 'annual' from the dropdown list available. If the tariff is a seasonal tariff, the user should indicate whether the bill should be calculated for the high or low demand season.

Customer Type	IBT type	Season in which bill is calculated
Indigent	#N/A	Annual
Low Income	#N/A	Annual
Middle Income	#N/A	Annual
High Income	#N/A	Annual

MONTHLY MUNICIPAL BILL

The table below calculates the monthly municipal bill for each customer type.

	Water Bill	Sanitation Bill	Electricity Bill	Solid Waste Bill
Indigent	-	-	-	-
Low Income	-	-	-	-
Middle Income	-	-	-	-
High Income	-	-	-	-

MUNICIPAL BILL AS % OF HOUSEHOLD INCOME

The table below calculates the municipal bill as a % of household income for each customer type.

	Water Bill	Sanitation Bill	Electricity Bill	Solid Waste Bill
Indigent	0%	0%	0%	0%
Low Income	0%	0%	0%	0%
Middle Income	0%	0%	0%	0%
High Income	0%	0%	0%	0%

Chart: Monthly municipal bill

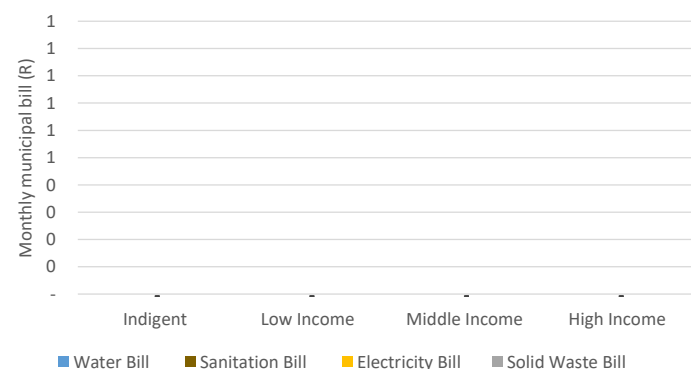
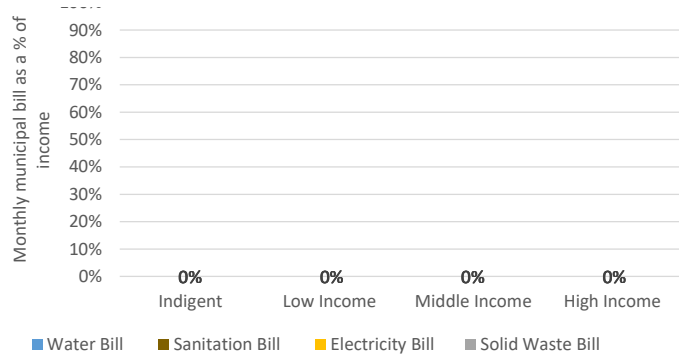


Chart: Monthly municipal bill as a % of income





Water Tariff Summary	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
	Fixed charge	Number of blocks	Bottom of block										Top of block										Tariff per block									
			1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
WATER BASIES 20MM (BW01)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-58.46	-61.10	-63.84	-66.72	-69.72	-72.86	-	-	-
IRRIGATION MUNICIPALITY	-	1	-	-	-	-	-	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-17.92	-	-	-	-	-	-	-	-	-
WATER BASIES 32MM (BW03)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 50MM (BW04)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 25MM (BW05)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
PALINGGAT & STILWATERS 22266101	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 100MM (BW07)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
BASIC WATER 20% DISCOUNT (BW08)	-	7	-	6.01	15.01	30.01	40.01	50.01	70.01	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 40MM (BW09)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 80MM (BW10)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER INFORMELE BEHUISING (BW11)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
DEELTITEL EENHEDE 20MM (BW17)	-	1	-	-	-	-	-	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PERSONEEL AMPTELIKE WONINGS (B18)	-	1	-	-	-	-	-	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BASIESE WATER SPORTKLUBS -50% (B19)	-	7	-	6.01	15.01	30.01	40.01	50.01	70.01	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
DEELTITEL EENHEDE 20MM -20% KOI (B20)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WOONSTEL EENHEDE 20MM (BW21)	-	7	-	6.01	15.01	30.01	40.01	50.01	70.01	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
WOONSTEL EENHEDE 20MM -20% KOI (B22)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIMERE WONING +1 (BW23)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIMERE WONING +2 (BW24)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIMERE WONING +3 (BW25)	-	7	-	7.00	16.00	31.00	41.00	51.00	71.00	-	-	-	6.00	15.00	30.00	40.00	50.00	70.00	>70	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIMERE WONING +4 (BW26)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AVAILABILITY FEES	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +1 (BW29)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +2 (BW30)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +3 (BW31)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +4 (BW32)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +5 (BW33)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +6 (BW34)	-	50	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +7 (BW35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOURITS KARAVANPARK 100MM -4 (BW36)	0.05	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID +9 (BW37)	0.05	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERHUURBARE EENHEID >9 (BW38)	0.05	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES VERHURINGS -50% (B39)	0.05	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES VERHURINGS -75% (B40)	-	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES VERHURINGS -100% (B41)	-	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATER BASIES 25MM -50% KORTING (B42)	-	-	-	-	-	-	-	-	-	-	-	-	70.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUEST ACCOMMODATION (B43)	-	2 549	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BASIES DEERNIS WATER (WA12)	-	6 492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STAAT WATER	-	6 165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sanitation Tariff Summary		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
		Bottom of block										Top of block											
	Fixed charge	Number of blocks	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
SUIGTENK BASIES 25MM WATER	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK BASIES 32MM WATER	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK BASIES 40MM WATER	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK BASIES 50MM WATER	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
GUEST HOUSE 3-6 ROOMS	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +1 (BSB	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID >9 (BSB	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +2 (BSB	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VACUUM TANK BASIC ALBERTINI	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
DEELTITEL EENHEDE (BSDE1)	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PERSONEEL AMPTELUIKE WONINC	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +1	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +2	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +3	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
GUEST LODGE 7-12 ROOMS	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
BASIESE SUIGTENK ROLBAL EN A	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK BASIES 15% KORTING	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK VERHURINGS -100%	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK VERHURINGS -50%	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
WOONSTEL EENHEDE	-	10	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
SUIGTENK DEPARTEMENTEEL	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 20MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL GROOTMAAT 15% KORTING	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 40MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 25MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 50MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 32MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL 80MM & OAKDALE	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL INFORMELE BEHUISING	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PERSONEEL AMPTELUIKE WONINC	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL ROLBAL EN ANDER SPORT	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
DEELTITEL EENHEDE 20MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
DEELTITEL EENHEDE 20MM -15%	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
WOONSTEL EENHEDE 20MM	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
WOONSTEL EENHEDE 20MM -15	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +1	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +2	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
PRIMERE WONING +3	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +1	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +2	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +3	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +4	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +5	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +6	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +7	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +8	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
VERHUURBARE EENHEID +9	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL VERHURINGS -50%	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL VERHURINGS -75%	Fixed charge per custome	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL VERHURINGS -100%	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	
RIOOL DEPARTEMENTEEL	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-	-	-	-	-	-	-	More	

Electricity Tariff Summary	2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
	Fixed charge		Tariff Type		Number of blocks		1		2		3		4		5		1		2		3		4		5		1		2		3		4		5	
A01 SINGLE PHASE INDIGENT (50 BSST)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
A04 SINGLE PHASE <150KWH 33-63Amps		-	Annual	4	-	51.00	351.00	600.01	-	50.00	350.00	600.00	>600	-	-	1.92	-	2.12	-	2.34	-	2.59	-	-	-	-	-	-	-	-	-	-	-	-		
A10 SINGLE PHASE NI (ALTERNATIVE) 0-32Amps		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	1.85	-	
B01 NI SINGLE PHASE 0-32Amps		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	2.83	-	
B03 NI SINGLE PHASE 33-63Amps		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	1.53	-	
B05 NI THREE PHASE 0-32Amps		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	1.49	-	
B07 NI THREE PHASE 33-63Amps		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	1.48	-	
D01 MUNICIPAL FACILITIES - RENTALS (EL 32)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	3.92	-	
D02 MUNICIPAL RESORT MANAGERS RESIDENCE (EL 31)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	1.56	-	
		0	-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		0	-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		0	-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		0	-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C01 COMMERCIAL SINGLE PHASE 0-32Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C03 COMMERCIAL SINGLE PHASE 33-63Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C04 COMMERCIAL SINGLE PHASE 64-100Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	126.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C05 COMMERCIAL THREE PHASE 0-32Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C07 COMMERCIAL THREE PHASE 33-63Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C08 COMMERCIAL THREE PHASE 64-100Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRICITY 71-500 KVA RIVERSDALE MUNICIPALITY		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRICITY F1 RIVERSDALE MUNICIPALITY		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRICITY STREET LIGHTS		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CONVENTIONAL HUIS WALLACE ANDERSON		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		0	-	Annual	1	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DOMESTIC CONVENTIONAL METERS - THREE PHASE 64-100Amps		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMHE32)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	1.00	-	
DOMESTIC CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMHE63)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	1.61	-	
DOMESTIC CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMHD32)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	1.51	-	
DOMESTIC CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMHD63)		-	Annual	4	-	51.00	351.00	601.00	-	50.00	350.00	600.00	>600	-	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	1.45	-	
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 0-32Amps (AMKE32)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMMERCIAL CONVENTIONAL METERS - SINGLE PHASE 33-64Amps (AMKE63)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 0-32Amps (AMKD32)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 33-64Amps (AMKD63)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMMERCIAL CONVENTIONAL METERS - THREE PHASE 64-100Amps (AMKD64)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INDUSTRIAL/BULK CONSUMERS 71kVA - 500kVA (BE07)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INDUSTRIAL/BULK CONSUMERS >500kVA (BEH001)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AGRICULTURAL CONSUMERS <25kVA (BE09)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AGRICULTURAL CONSUMERS 25kVA - 50kVA (BE10)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AGRICULTURAL CONSUMERS 51kVA - 100kVA (BE11)		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRICITY PREPAID COMMERCIAL		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELECTRICITY DOMESTIC PREPAID MONTHLY		-	Annual	1	-	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total		0	-	Annual	1	-	-	-	-	9 999.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Solid Waste Tariff Summary

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[illegible]

Water Affordability Calculations

	Customer category	Consumption
Indigent	Indigents	15
Fixed charge	#N/A	
Number of IBT blocks	#N/A	

		Bottom of block	Top of block	Tariff	Consumption in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						#N/A
Monthly water bill						-

	Customer category	Consumption
Low Income	Domestic	15
Fixed charge	#N/A	
Number of IBT blocks	#N/A	

		Bottom of block	Top of block	Tariff	Consumption in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						#N/A
Monthly water bill						-

	Customer category	Consumption
Middle Income	Domestic	0
Fixed charge	#N/A	
Number of IBT blocks	#N/A	

		Bottom of block	Top of block	Tariff	Consumption in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A

Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						#N/A
Monthly water bill						-

	Customer category	Consumption	
High Income	Domestic		0
Fixed charge	#N/A		
Number of IBT blocks	#N/A		

		Bottom of block	Top of block	Tariff	Consumption in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						#N/A
Monthly water bill						-

Sanitation Affordability Calculations

	Customer category	Return flow	Water volume			
Indigent	Domestic		0%	15		
Fixed charge		-				
Number of IBT blocks	#N/A					
				Tariff per		Associated
		Bottom of block	Top of block	kl water	Sales in block	charge
Block 1		1 #N/A	#N/A	#N/A	#N/A	#N/A
Block 2		2 #N/A	#N/A	#N/A	#N/A	#N/A
Block 3		3 #N/A	#N/A	#N/A	#N/A	#N/A
Block 4		4 #N/A	#N/A	#N/A	#N/A	#N/A
Block 5		5 #N/A	#N/A	#N/A	#N/A	#N/A
Block 6		6 #N/A	#N/A	#N/A	#N/A	#N/A
Block 7		7 #N/A	#N/A	#N/A	#N/A	#N/A
Block 8		8 #N/A	#N/A	#N/A	#N/A	#N/A
Block 9		9 #N/A	#N/A	#N/A	#N/A	#N/A
Block 10		10 #N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						-
Monthly water bill						-

Sanitation Affordability Calculations

	Customer category	Return flow	Water volume	
Low Income	Domestic		0%	15
Fixed charge		-		
Number of IBT blocks	#N/A			

		Bottom of block	Top of block	Tariff per kl water	Sales in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						-
Monthly water bill						-

	Customer category	Return flow	Water volume
Middle Income	Domestic	0%	0
Fixed charge	-		

Number of IBT blocks #N/A

		Bottom of block	Top of block	Tariff per kl water	Sales in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A

Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						-
Monthly water bill						-

	Customer category	Return flow	Water volume	
High Income	Domestic Flats		0%	0
Fixed charge		-		

Number of IBT blocks #N/A

		Bottom of block	Top of block	Tariff per kl water	Sales in block	Associated charge
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A
Block 6	6	#N/A	#N/A	#N/A	#N/A	#N/A
Block 7	7	#N/A	#N/A	#N/A	#N/A	#N/A
Block 8	8	#N/A	#N/A	#N/A	#N/A	#N/A
Block 9	9	#N/A	#N/A	#N/A	#N/A	#N/A
Block 10	10	#N/A	#N/A	#N/A	#N/A	#N/A
Monthly variable charges						#N/A
Fixed charge						-
Monthly water bill						-

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Monthly variable charges	#N/A						#N/A	#N/A	#N/A
Fixed charge	#N/A								
Monthly water bill		-							

	Customer category	Consumption							
High Income	Domestic	0							
Fixed charge	#N/A								
Tariff Type	#N/A								Annual Seasonal
Season in which bill is calculated	#N/A								
Number of IBT blocks	#N/A								High demand season Low demand season

		Bottom of block	Top of block	#N/A	High Season Tariff	Low Season Tariff	Consumption in block	#N/A	#N/A	#N/A
Block 1	1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Block 2	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Block 3	3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Block 4	4	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Block 5	5	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
								#N/A	#N/A	#N/A

Monthly variable charges	#N/A
Fixed charge	#N/A
Monthly water bill	-

Solid waste Affordability Calculations

Indigent	Customer category
Fixed charge	Domestic -
Low Income	Customer category
Fixed charge	Domestic -
Middle Income	Customer category
Fixed charge	Domestic -
High Income	Customer category
Fixed charge	Domestic -