

Utilities MIS/GIS Job Card System

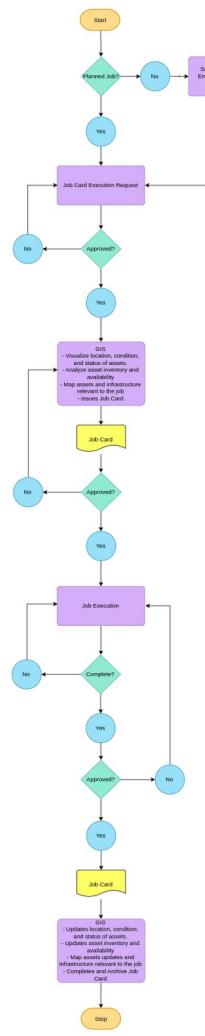
**Edwin Liava'a
CheSpatial**

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Email: edwin@chespatial.com

Web: <http://www.chespatial.com>





File

View

Views

Job_Cards

PNG POWER Ltd JOB CARD JC1

Job Card Issue Date: 01/11/2013 11:04:49 a.m.
User: alexoa Owner: admin

Save Record

Exit

Job Card Number: JC1

Work Type: Preventive Maintenance

Maintain Code: Test

Costing Code: Test

JC Line Number: Test

Priority: Urgent

Plan Start Date: 08/11/2013

Plan Finish Date: 17/11/2013

Actual Start Date: 09/11/2013

Actual Finish Date: 17/11/2013

P_Duration days: 9

P_Duration hours: 216

A_Duration Days: 8

A_Duration Hours: 192

Charge_KWH

Approved By: Test

Approved Date: 17/11/2013

Job Card Selection

Job Card MIS/GIS (Version 1.1.0)

Do you want to Print?

OK **Cancel**

Parts and Materials

CONDUCTOR, ALUMINIUM	1.03
CABLE, 2 X 7/1.04	3.73
CABLE, 19/2.14 COPPER	19.07
CABLE, 7/0.85 4MMSQ, TWO	3.26
FUSE LINK, 100 AMP FOR	33.15
CROSSARM, 2100 X 100 X	39.38

Auxiliary Resources

Crane Truck	500
Forklift	400
Electrician	2

Man Hour Resources

TME	2
-----	---

Issue Date: 01/11/2013 11:04:49 a.m.

User: alexoa

Owner: admin

Generators

Isolators

Poles

Parts and Materials

Bars

L/Arrestors

HV Lines

Auxillary Resources

Switches

Towers

LV Lines

Breakers

Transformers

Meters

Job Card Selection

ALUMINIUM	1.98
ALUMINIUM	5.09
VANISED	0.3
LINEARIS	3.73
POLYESTER	20.61
OPPER	9.41
OPPER,	19.07
OPPER,	10.96
ABLE, 19/2.14 COPPER,	6.58
ABLE, 3 X 7/1.04 COPPER	5.88
CONDUCTOR, ALUMINIUM	1.37
CONDUCTOR, ALUMINIUM	1.03
CONDUCTOR, 7/2.75 STEEL,	1.72
CONDUCTOR, ALUMINIUM	2.82
ABLE, 7/0.85 4MMSQ, TWO	3.26
ABLE, FOUR CORE PLUS	3.86
ABLE, FOUR CORE PLUS	19.62
ABLE, FOUR CORE 7/0.85,	5.7
ABLE, 7/0.67 , 2.5MMSQ,	0.74
ABLE, 7/0.67, 2.5MM	0.73
ABLE, 7/0.67, 2.5MM	0.73
ABLE, 7/0.67, 2.5MM	0.99

Topic Date: 01/11/2012 11:04:40 - m

Transmission Towers

TT2 Boroko _ Konedobu



Tasks

-
-
-
-

Others

- | | | |
|---|---|--|
| <input type="button" value="Generators"/> | <input type="button" value="Isolators"/> | <input type="button" value="Poles"/> |
| <input type="button" value="Busbars"/> | <input type="button" value="L/Arrestors"/> | <input type="button" value="Parts and Materials"/> |
| <input type="button" value="Switches"/> | <input type="button" value="Towers"/> | <input type="button" value="Auxillary Resources"/> |
| <input type="button" value="Breakers"/> | <input type="button" value="Transformers"/> | <input type="button" value="Meters"/> |

TT_ID	Tower_No	Destinatio	Line_ID	Circuit_Ty	Voltage_KV	Conductor
TT2	2	Boroko _ Konedobu	541/542	Double		66 Opal
Conductor_	Cu_Carry_C	Horizontal	Vertical_D	Constructi	Span_Condi	
19/3.25 AAAC	460		60	0	Intermediate	High
Location	Constructe	Data_Captu	Double_Rec	Eastings	Northings	
Gordons Roundabout		1998	10/10/2012	Yes	521543.47211	8955234.1790
GBM_Edit_T	GBM_Edit_F	Tag_Target			Remarks	
	0	0 C:\PPL_GIS\photos\GIS_Team2_121010	Construction date [TBC]			
Asset_Valu						
	0					

Record: 1 < 2 > No Filter Search

A_Duration Days

A_Duration Hours

Charge_KWH

CABLE, 7/0.67, 2.5MM

CABLE, 7/0.67, 2.5MM

CABLE, 7/0.85, 4MM SQ.,

(END) CABLE 7/0.67

0.73

0.73

0.99

0.00

Customers Faults

Auxilliary Resources Edit

Job Card Selection Edit

Man Hour Resources Edit

Quantity Duration (hrs)

Crane Truck 500
Forklift 400

Forklift 400

Electrician TME

3:11 p.m.

17/11/2013



TX104 BK6

First Record Last Record Previous Record Next Record Save Record

Tasks

- Change Company Information
- Issue Job Card
- Edit Job Card
- View Reports

Others

- | | | |
|------------|--------------|---------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

Job Card Num

Work T

Maintain C

Costing C

JC Line Num

Prior

Plan Start D

Plan Finish D

Actual Start D

Actual Finish D

P_Duration d

P_Duration ho

A_Duration D

A_Duration Ho

Charge_KW

TX_ID	Zone_Sub	Feeder_ID	Sub_Statio	Tx_kva	Tx_Phase	TX_Cable_C
TX104	Boroko	BK6	194		100 3 Phase	
System_Vol	Tx_mva	Location		Tx_Install	Tx_Constru	Tap_Positi
11000/433/250		Moru Street		Aerial	Outrigger	Tap 3
Tap_Range	Impedance	Phase_A_Vo	Phase_B_Vo	Phase_C_Vo	Phase_A_Am	Phase_B_Am
3/6	3.59	249	249	249	33	75
Serial_No	Make	Manufact	Manufact_Date	Oil_Level	Tx_Condition	
1LNZ51720301	ABB	New Zealand		High	Excellent	
Tx_Load_Ty		HV_Rated_D	Rated_LV_H	Tx_Men	SS_Consume	
Domestic		3x10	3x160			
SS_Feed_ID	HV_RMU_Ins	RMU_amps	HV_UG_Feed	HV_UG_Size	LV_UG_Cabl	
					No	
LV_UG_St_F	LV_UG_Ca_1		LV_UG_Ca_2	LV_Link_In	LV_Link_Co	
	NA				Link 1 Open	
Single_Pha	LV_Line_Ph	Inspected_	Double_Rec	Eastings	Northings	
No	A Phase	09/03/2011		0522921.60831	8952705.6337	
GBM_Edit_T	GBM_Edit_F	Tag_Target				
	40611.3050694444	2 C:\PPL_GIS\photos\GIS_Team1_110309_171913.JPG				
Remarks		TX_NUM				
		TXBK634				

 1.03
 3.73
 19.07
 3.26
 33.15
 39.38



PL3 BK-WG

Power Pole

First Record	Last Record	Previous Record	Next Record	Save Record				Exit
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Tasks

-  Change Company Information
 -  Issue Job Card
 -  Print Job Card
 -  View Reports

Others

- | | | |
|--|--|---|
|  Generators |  Isolators |  Poles |
|  Busbars |  L/Arrestors |  Parts and Materials |
|  Switches |  Towers |  Auxillary Resources |
|  Breakers |  Transformers |  Meters |

Job Card Num	PL_ID	PL_NUM	Zone_SubSt			Feeder_ID	Voltage_Sy
Work 1	PL3	PLBK-WG3	Boroko-Waiga			BK-WG	11000/433/250
Maintain C	Location		Pole_Type	Reticulati		Constructi	
Costing C	MADAHA ST			Steel	HV	Angle	
JC Line Num	Pole_Lengt	Pole_Condi	Pole_Base_	HV_Pin_Ins	HV_Epoxy	HV_Disc	LV_Shackle
Pri	12/150 us	Excellent	Excellent	2	6	0	0
Plan Start D	LV_Pin_Ins	X_arm_Type	X_arm_2700	X_arm_2200	X_arm_2100	X_arm_Cond	Apple_6_1_
Plan Finish I	0	Wood	0	4	0	Excellent	0
Actual Start I	Cherry_7_4	Copper	Grape	Mars_6_1_3	Saturn_37_	LV_Line_SS	LV_Single_
Actual Finish I	0	0	0	0	0		0
P_Duration	ABC_Bundle	A_Phase	B_Phase	C_Phase	Sing_Phase	Two_Phase_	Three_Phas
P_Duration h	NA	0	0	0	0	0	0
A_Duration I	LV_UG_Cabl	LV_UG_Ca_1	LV_Link_In	Link_Condi		Single_Pha	LV_Line_Ph
A_Duration H	No	NA	No	Link 1 Open		No	A Phase
Charge_K	Pole_Stay_	Stay_Type	Stay_Condi	Street_Lig	Street_L_1	Street_L_2	Inspected_
	Yes	2x Angle	Excellent	NA	80w MV	NA	09/05/2005
	DoubleRec	Eastings	Nortings	GBM_Edit_T		GBM_Edit_F	
		0 521887.31557	8955275.2207		0		0
	Tag_Target				Remarks		
	C:\PPL_GIS\photos\WINDOWS MOBILE76_50509_120840.JPG						
	Asset_Value	In_Stock	Under_Repa	Written_Of			

Job Cards

Switch Gears



SG589 WG3

First Record Last Record Previous Record Next Record Save Record Exit

Tasks

- Change Company Information
- Issue Job Card
- Edit Job Card
- View Reports

Others

- | | | |
|------------|--------------|---------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

Job Card Num

Work Ty

Maintain Co

Costing Co

JC Line Num

Prior

Plan Start Da

Plan Finish Da

Actual Start Da

Actual Finish Da

P_Duration da

P_Duration hour

A_Duration Days

A_Duration Hours

Charge_KWH

SG_ID	SG_NUM	Zone_SubSt	Feeder_ID	System_Vol
SG589	SGWG3589	Waigani	WG3	11000/433/250

Location	Switch_Gea	Switch_G_1	Switch_G_2	Open_Pt_Fe
350	CP	Close		WGN3 & 5

Rated_DOF	Inspected_	Eastings	Northings	GBM_Edit_T	GBM_Edit_F
31/03/2011	520271.94643	8956890.5219		0	0

Tag_Target
C:\PPL_GIS\photos\WINDOWSMOBILE23_110331_122746.JPG

Remarks

Record: 4 589 of 605 Search

A_Duration Days	8	CABLE, 7/0.67, 2.5MM	0.73
A_Duration Hours	192	CABLE, 7/0.67, 2.5MM	0.73
Charge_KWH		CABLE,, 7/0.85, 4MM SQ.,	0.99
Approved By	Test	(CUP) CABLE 7/0.67	1.00

Auxiliary Resources
 Crane Truck 500
 Forklift 400
 Electrician TME 2
 Quantity Duration (hrs)
 17/11/2013

4:09 p.m.

17/11/2013


MT3 60155912-11 PPL001464

First Record

Last Record

Previous Record

Next Record

Save Record



Exit

Tasks

Change Company Information

Issue Job Card

Edit Job Card

View Reports

Others

Generators

Busbars

Switches

Breakers

Isolators

L/Arrestors

Towers

Transformers

Poles

Parts and Materials

Auxillary Resources

Meters

Job Card Num

Work T

Maintain C

Costing C

JC Line Num

Pri

Plan Start D

Plan Finish I

Actual Start I

Actual Finish D

P_Duration

P_Duration h

A_Duration I

A_Duration H

Charge_K

MT_ID	CS_TYPE	CS_CLASSIF	CS_SURNAME	CS_FIRSTNA	CS_CONSUME
MT3	General Supply	Urban			Atlantis Club
CS_INSTL_A	CS_SECTION	CS_ALLOTME	CS_SUBURB_	CS_VILLAGE	
Gabaka Street		64		13 Gordons	
CS_PROVINC	CS_MTR_NUM	CS_ACC_NUM	CS_INSTL_N	CS_MTR_TYP	
NCD	PPL001464	60155912-11	60155912	EM_3050	
CS_PHASE_C	CS_MTR_CON	MTR_RATING	MF	CS_CT_RATI	CS_No_DIAL CS_MTR_N_S
3	ABC Phase	5-20	40	200_5	6 Sealed
CS_INSTL_D	CS_POLE_ID	CS_TX_ID	CS_FEEDER_	CS_ZONE_SU	EASTINGS
TBC	NA	SS 307	BK7	Boroko	521164.49292572
NORTHINGS	GBM_Edit_T		GBM_Edit_F	Tag_Target	
8954769.7058877		0	0	C:\PPL_GIS\photos\GIS_Team2_121114_12173	
CS_Remarks	UG	NEXT_ID	Feeder_ID	PRE_CONSUM	
				0	
CUR_CONSUM		0			

Record: 4 < 3 > No Filter Search

OF FF F

4:14 p.m.

17/11/2013



GN1 GNKD1 Kanudi

[Last Record](#)[Previous Record](#)[Next Record](#)[Save Record](#)[Exit](#)**Tasks** [Change Company Information](#) [Issue Job Card](#) [Print Job Card](#) [View Reports](#)**Others** [Generators](#) [Isolators](#) [Poles](#) [Busbars](#) [L/Arrestors](#) [Meters](#) [Switches](#) [Towers](#) [Hydros](#) [Breakers](#) [Transformers](#) [Thermals](#)

GN_ID	STATION	GN_NUM	NAME	MAKE
GN1	Kanudi	GNKD1	Kanudi	
TYPE	SERIAL_NUM	VOLTS	AMPS	
			0	0
P_F		KVA	KV	
		0	0	0
MW		KW	INSTALL	STATUS
		12	0	
COMMENTS		XC	YC	
			0	0
PHOTO		VALUE		
	C:\PPL_GIS\Photos\GNKD1.jpg		0	

Bus Bars

X



BU1 BUKD1

Last Record

Previous Record

Next Record

Save Record



Exit

Tasks

- Change Company Information
- Issue Job Card
- Edit Job Card
- View Reports

Others

- | | | |
|------------|--------------|---------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

BU_ID	BU_NUM	NAME	KV	AMPS	
BU1	BUKD1	BUKD1		11	0
LENGTH		X		Y	
		0		0	0
Tag_Target		COMMENTS		Asset_Valu	
C:\PPL_GIS\Photos\BUKD1.jpg					0



SG100 BK1 Boroko

[First Record](#)[Last Record](#)[Previous Record](#)[Next Record](#)[Save Record](#)[Exit](#)**Tasks** [Change Company Information](#) [Issue Job Card](#) [Edit Job Card](#) [View Reports](#)**Others** [Generators](#) [Isolators](#) [Poles](#) [Busbars](#) [L/Arrestors](#) [Parts and Materials](#) [Switches](#) [Towers](#) [Auxillary Resources](#) [Breakers](#) [Transformers](#) [Meters](#)

SG_ID	SG_NUM	Zone_SubSt		Feeder_ID	System_Vol
SG100	SGBK1100	Boroko		BK1	11000/433/250
Location		Switch_Gea	Switch_G_1	Switch_G_2	Open_Pt_Fe
Okari Street		IS	Close	NA	
Rated_DOF	Inspected_	Eastings	Northings	GBM_Edit_T	GBM_Edit_F
NA	08/03/2011	521668.16577	8953656.0802		0 0
Tag_Target	C:\PPL_GIS\photos\GIS_Team1_110308_145629.JPG				
Remarks					



BR56 BM5B2

[First Record](#)[Last Record](#)[Previous Record](#)[Next Record](#)[Save Record](#)[Exit](#)**Tasks**

- [Change Company Information](#)
- [Issue Job Card](#)
- [Edit Job Card](#)
- [View Reports](#)

Others

- | | | |
|-----------------------------|-------------------------------|--------------------------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

BR_ID	BR_NUM	KV	Tag_Target
BR56	BM5B2		66 C:\PPL_GIS\Photos\BM5B2.jpg

Isolators

X



IS1 KD5S72 66

First Record

Last Record

Previous Record

Next Record

Save Record



Exit

Tasks

- Change Company Information
- Issue Job Card
- Edit Job Card
- View Reports

Others

- | | | |
|------------|--------------|---------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

IS_ID	IS_NUM	KV	IS_TYPE	Tag_Target
IS1	KD5S72		66 Line Isolator	C:\PPL_GIS\Photos\KD5S72.jpg



LA1 KD5D1 66

[First Record](#)[Last Record](#)[Previous Record](#)[Next Record](#)[Save Record](#)[Exit](#)**Tasks**

- [Change Company Information](#)
- [Issue Job Card](#)
- [Edit Job Card](#)
- [View Reports](#)

Others

- | | | | | | |
|--|----------------------------|--|------------------------------|--|-------------------------------------|
| | Generators | | Isolators | | Poles |
| | Busbars | | L/Arrestors | | Parts and Materials |
| | Switches | | Towers | | Auxillary Resources |
| | Breakers | | Transformers | | Meters |

LA_ID	LA_NUM	KV	Tag_Target
LA1	KD5D1	66	C:\PPL_GIS\Photos\KD5D1.jpg



TT1 Boroko _ Konedobu

First Record

Last Record

Previous Record

Next Record

Save Record



Exit

Tasks

- Change Company Information
- Issue Job Card
- Edit Job Card
- View Reports

Others

- | | | |
|------------|--------------|---------------------|
| Generators | Isolators | Poles |
| Busbars | L/Arrestors | Parts and Materials |
| Switches | Towers | Auxillary Resources |
| Breakers | Transformers | Meters |

TT_ID	Tower_No	Destinatio	Line_ID	Circuit_Ty	Voltage_KV	Conductor
TT1	1	Boroko _ Konedobu	541/542	Double	66	Opal
Conductor_	Cu_Carry_C	Horizontal	Vertical_D	Constructi	Span_Condi	
19/3.25 AAAC	460	60	0	Angle	High	
Location	Constructe	Data_Captu	Double_Rec	Eastings	Northings	
Power Line Reserve	1998	10/10/2012	yes	521884.32233	8955236.8585	
GBM_Edit_T	GBM_Edit_F	Tag_Target		Remarks		
	0	0	C:\PPL_GIS\photos\GIS_Team2_121010	Construction date [TBC]		
Asset_Valu						
	0					



LizMap

Layers Map Tools FTP Log

Project layers

List of layers

- TX
- TT
- TH
- ST
- SG
- PL
- MT
- LN_LV
- LN_HV
- LA
- IS
- HY
- GN
- ES
- BU
- BR

Set the root groups as legend blocks

Help Save Save and synchronize Close

Selected item settings

Title

Abstract

Link

Toggled ?

Activate popup

Group as layer ?

Base layer ?

Single Tile ?

Image format

Server cache ?

Expiration (seconds) Metatile

Browser client cache ? seconds



Coordinate:

146.784,-9.328

Scale

1:510500



Render

EPSG:4326





PNG Power Ltd

POM Transmission and Distribution Network



Locating



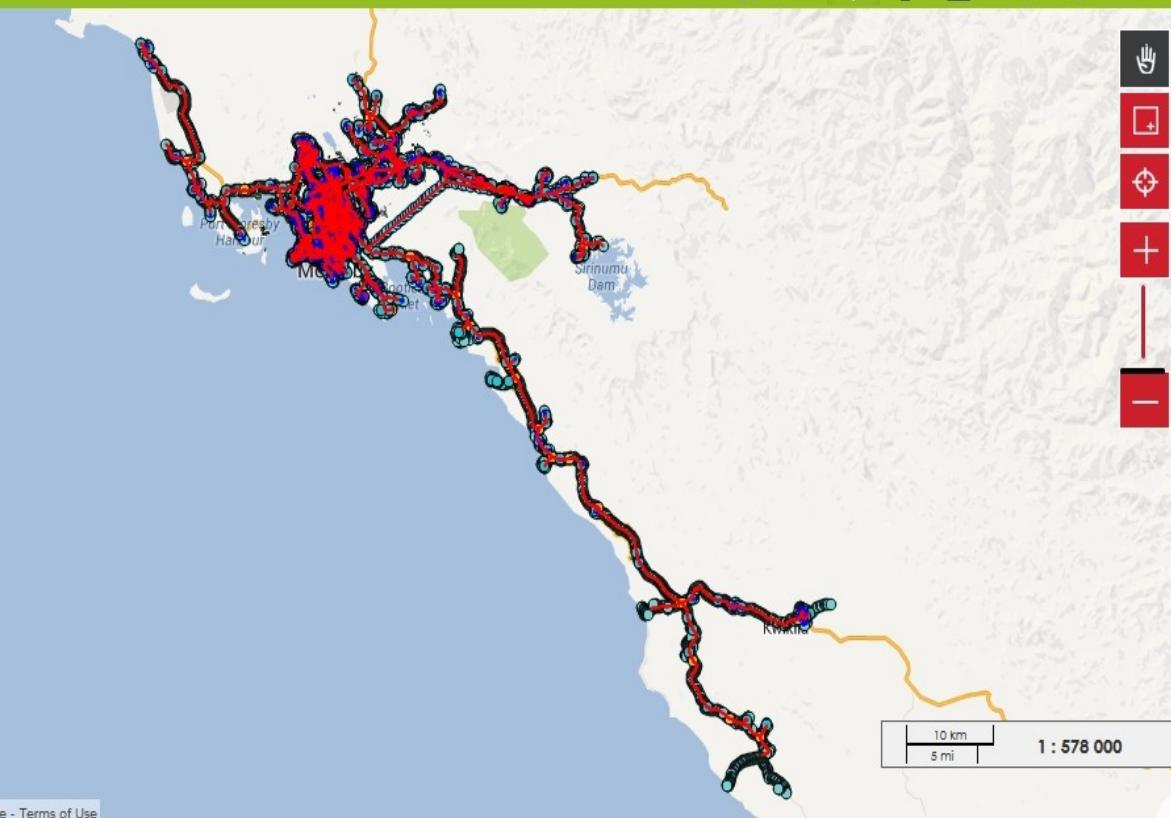
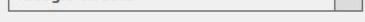
MT

- MT
- 008701
- 008732
- 01321386656
- 01321387415
- 01321387498
- 07 0551 9733 4
- 07 0551 97789
- 07 0554 5928 8**
- 07 0820 4116 6
- 07020569393
- 070396
- 07039631903
- 07039632026
- 0703963211
- 07039632141
- 07039632471
- 07039632638
- 07039632927
- 07043382014

- BU
- BR
- GN

Base Layer

Google Streets



192.168.50.95/lizmap-web-client-2.8.1/lizmap/www/index.php/view/map/?repository=gisuser&project=pom

PNG Power Ltd

POM Transmission and Distribution Network

Locating

01321387498

PL

TX

Legend

- LN_HV
- LN_LV
- ES
- BL
- LA
- IS
- BU
- BR
- GN

Base Layer

Google Streets

Paradise Foods Lim
Hypermarket
Arma
Unag
Kennedy Rd
Wards Rd
Cedar St
Kumarene St
Lands Rd
Hibiscus St
Koa St
There
Clinic
Capanaia St
Spring Garden Rd
Poreporena Hwy
Johnson's Pharm
Gordon
Koala St
Fortuna Rd
Valgant Rd
Hills
Kaihi
Kaihi St
High Commission
Solen
Bankia St
Kuna St
Kaihi St
100 m
500 ft
1 : 9 028



PNG Power Ltd

POM Transmission and Distribution Network

Locating

01321387498

PL

TX

Legend

- ▶  LN_HV
 - ▶  LN_LV
 - ▶  ES
 - ▶  BL
 - ▶  LA
 - ▶  IS
 - ▶  BU
 - ▶  BR
 - ▶  GN

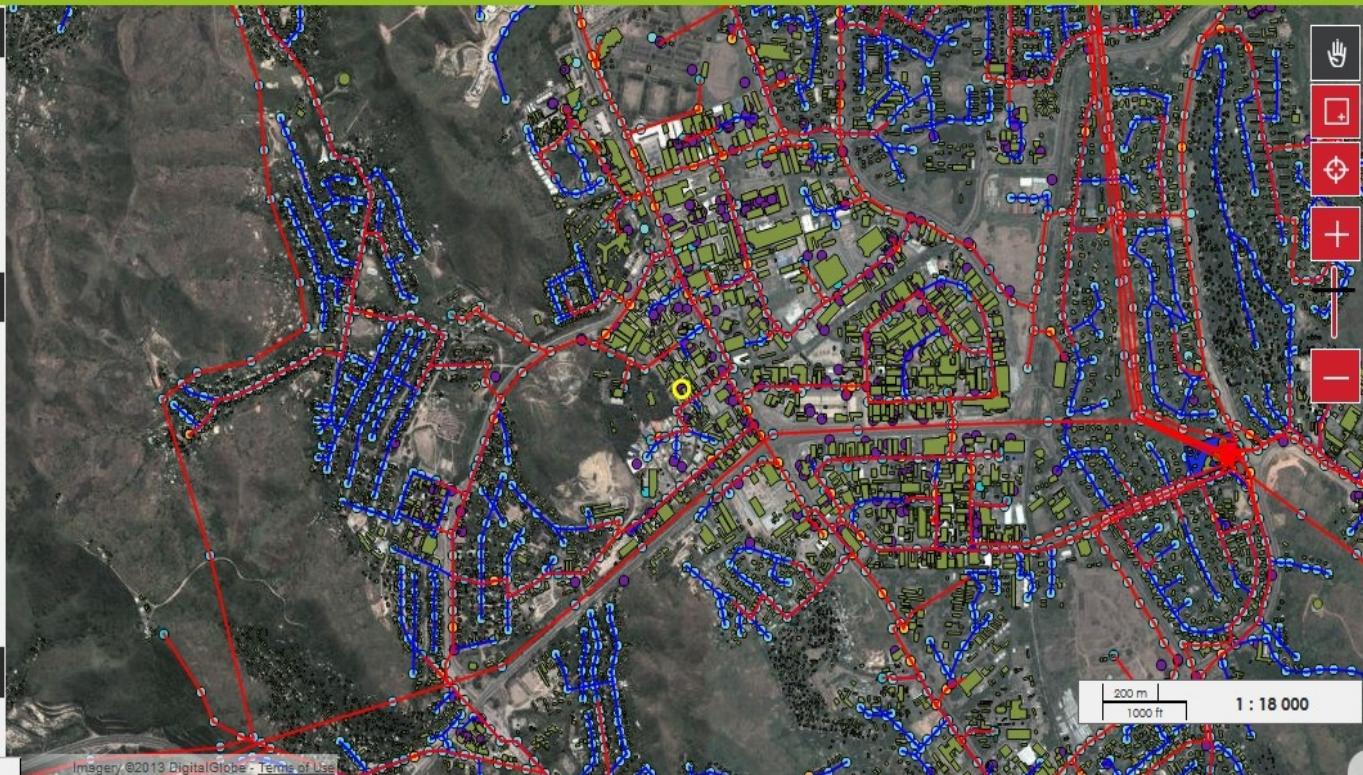
 Base Layer

[Google Satellite](#)

Google Streets

Google Terrain

Google Satellite





PNG Power Ltd

POM Transmission and Distribution Network

Locating

01321387498

PI

TX

Legend

- ▶  LN_HV
 - ▶  LN_LV
 - ▶  ES
 - ▶  BL
 - ▶  LA
 - ▶  IS
 - ▶  BU
 - ▶  BR
 - ▶  GN

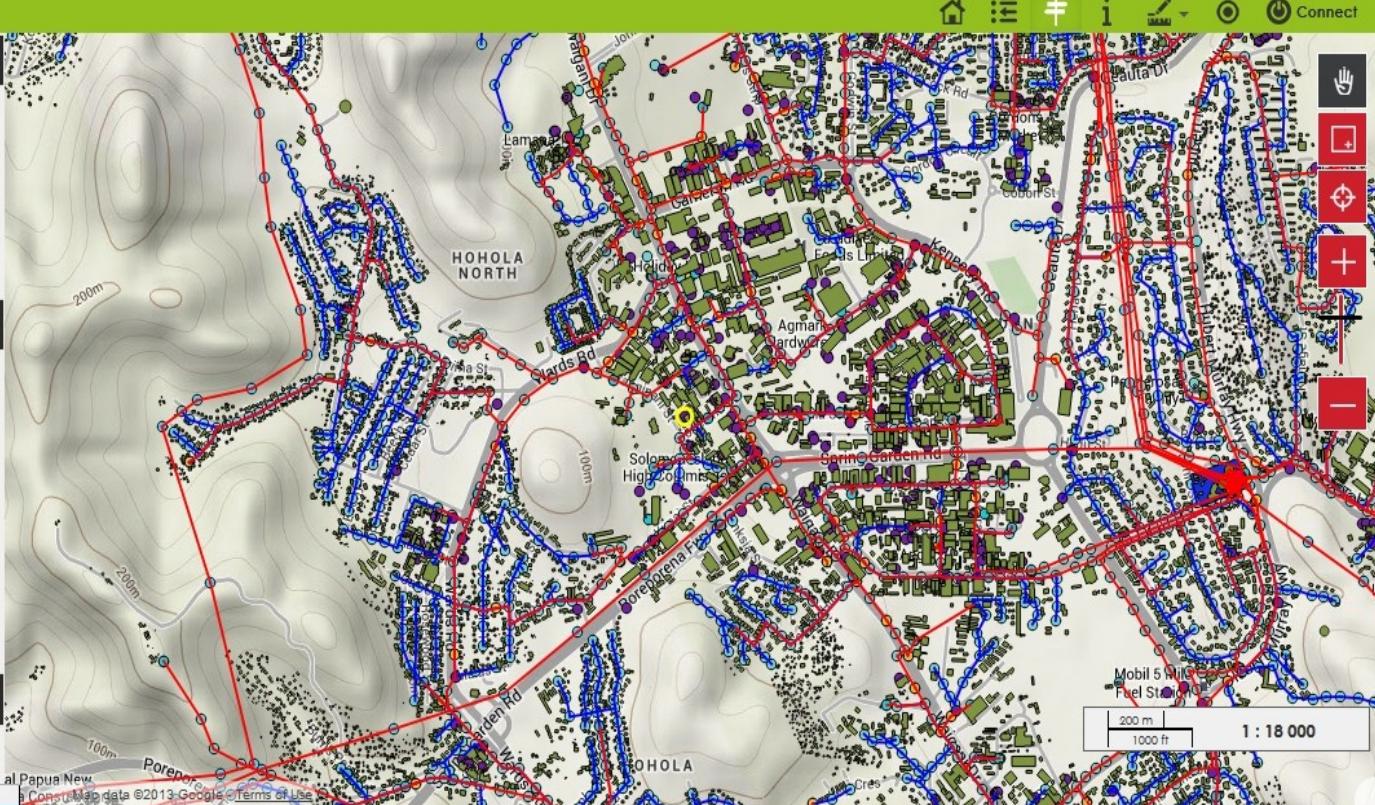
 Base Layer

Google Terrain

Google Street

Google Streets
Google Terrain

[Google Satellite](#)



GeoExplorer - Chromium

GeoServer: Layer Prev x GeoExplorer x

localhost:8080/geoexplorer/composer/?layers=PPL_GIS&bbox=16362456.498512,-1115454.372056,16442973.117220,-1038097.486671

9:34 PM gisuser

GeoExplorer | Map | Print | Identify | Query | Measure | Edit | Login

Layers » Available Layers

View available data from: Local GeoServer

Title	Id
PNG Power GIS	ppl_gis:PPL_GIS
BR	ppl_gis:BR
BU	ppl_gis:BU
GN	ppl_gis:GN
HY	ppl_gis:HY
LN_HV	ppl_gis:LN_HV
LN_LV	ppl_gis:LN_LV
MT	ppl_gis:MT
PL	ppl_gis:PL
ST	ppl_gis:ST
TT	ppl_gis:TT
TX	ppl_gis:TX
Countries of the World	opengeo:countries

A P

Map Tools: Pan, Zoom In, Zoom Out, Rotate, Reset, Measure, Query, Identify, Print.

The map displays the coastline of the Rigo District, featuring several settlements along the coast and inland. Key locations labeled include: Toreada, Napa, S, Tauram, Kerekadi, Rabuka, Dabunari, Bar kau, Dageda, Vaival, Ioribaiwa, Boiteka, Naga South Mission, Lubada, Son, Bereadabu, Border Village, Manamiro, and Usereia. A scale bar indicates 5 km, and a north arrow points upwards. The map is titled "RIGO DISTRICT".

5 km 1 : 272988



PPL Queries

Display:

- Find Meter
- Find Asset
- Poles by Base Condition
- Poles by Cross Arm Condition
- Poles by General Condition
- Poles by Street Lights Condition
- Poles by Feeders
- Transformers by Condition
- Transformers by Feeders
- Switch Gears by Feeders
- Switch Gears by Condition
- Meters by Feeders
- Meters Not Sealed
- Meters EasyPay and Conventional
- Meters High Consumption Customers

Simulate LV Network Trace

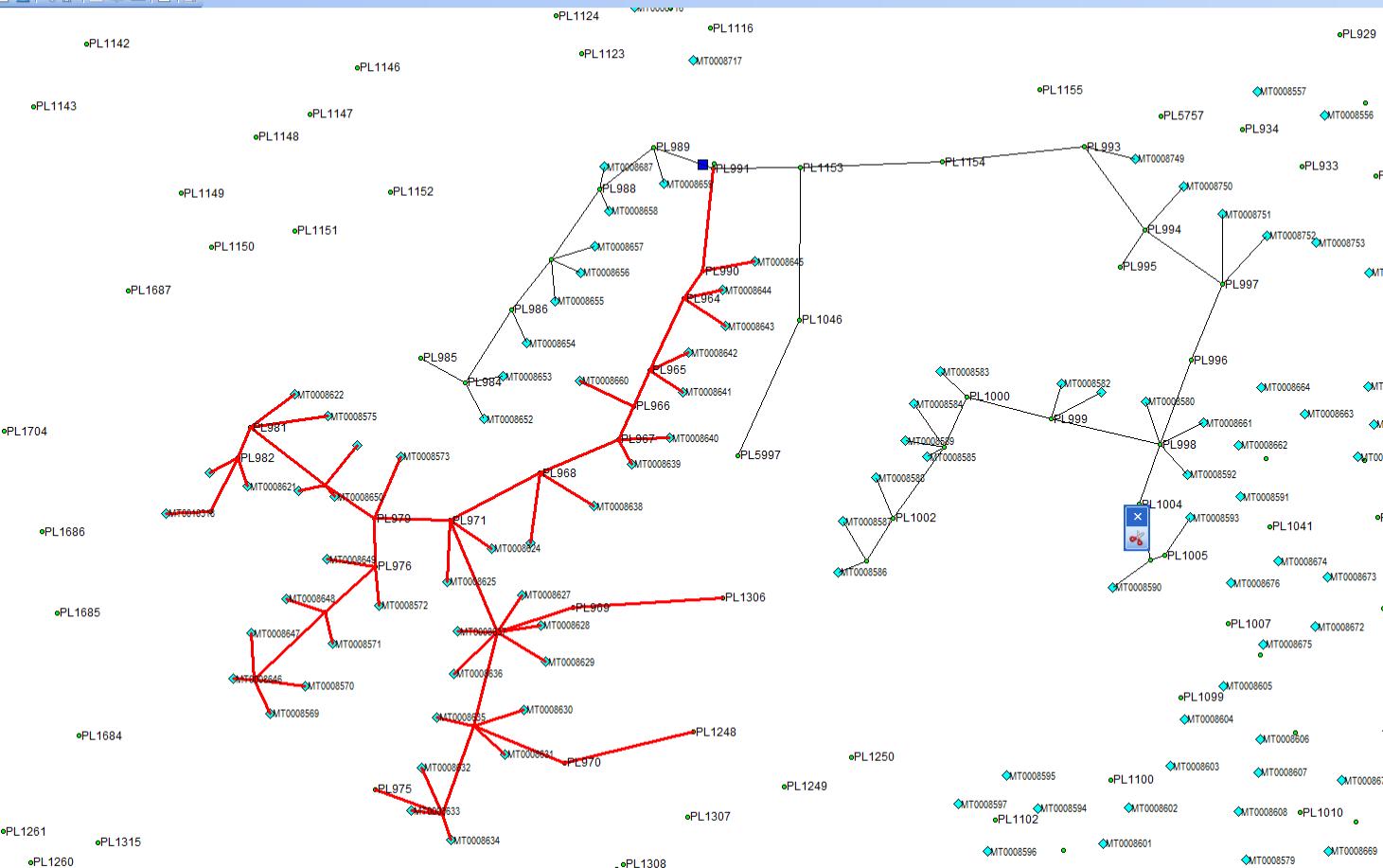
- * Transformers by Total Consumption
 - * Simulate Power Loss on LV Lines
 - * Simulate Power Loss on Transformers
 - * Load Flow Analysis by Feeder
 - * HV Lines by Feeder
 - * HV Lines Underground
 - * LV Lines by Feeder
 - * Lines by Phase
-
- * Not Yet Released



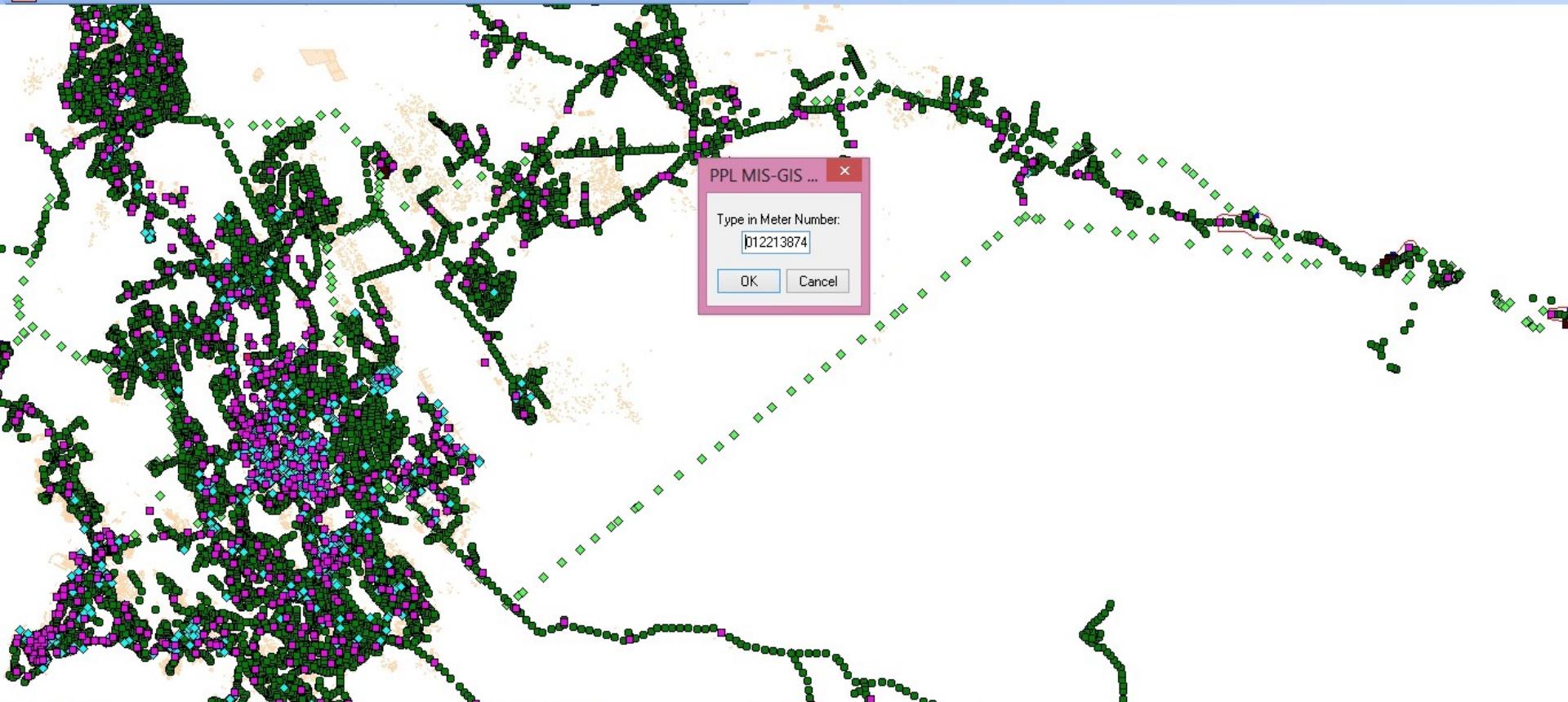
AUXILIARY RESOURCES	
	EDIT
Crane Truck	500
Forklift	400

JOB CARD SELECTION	
	EDIT
Forklift	400
Crane Truck	500

MAN HOUR RESOURCES	
	EDIT
Electrician	TME
	Quantity 2 Duration (hrs) 4:17 p.m. 17/11/2013



Loss in 1 month = 890.4 KWH = \$ 623.28
Loss in 1 week = 222.6 KWH = \$ 155.82
Loss in 1 day = 31.8 KWH = \$ 22.26
Loss in 1 hour = 1.325 KWH = \$ 0.9275
Total Length of Lines in Meters = 1567.33
Total Customers Connected 3 Phase = 2
Total Customers Connected A Phase = 22
Total Customers Connected B Phase = 17
Total Customers Connected C Phase = 5
Transformer related LV Fuse Amps = 139



Zoom: 27,400 m

Editing: None

Selecting: None

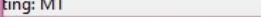
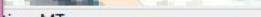
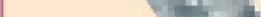
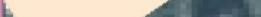
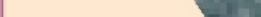


Info Tool

MapInfo Professional - [TX,MT,PL,SG,TT,BU,...,portmoresby06 Map]

[Common Layers](#) [PPL Layers](#) [PPL Actions](#) [PPL Queries](#)

MT_ID:	MT251
CS_TYPE:	General Supply
CS_CLASSIFICATION:	Urban
CS_SURNAME:	
CS_FIRSTNAME:	
CS_CONSUMER_NAME:	A1 Autoparts
CS_INSTL_ADDRESS:	Frangipani Street
CS_SECTION:	36
CS_ALLOTMENT:	13
CS_SUBURB_TOWN:	Hohola
CS_VILLAGE:	
CS_PROVINCE:	NCD
CS_MTR_NUM:	01321387498
CS_ACC_NUM:	01321387498
CS_INSTL_NUM:	01321387498
CS_MTR_TYPE:	LANDIS
CS_PHASE_CONNECTION:	3
CS_MTR_CONNECT:	ABC Phase
CS_CON_TYPE:	
MTR_RATING_Amps:	10-100 A C
MF:	NA
CS_CT_RATING:	NA
CS_No_DIAL:	5
CS_MTR_N_SEAL_CONDITION:	Sealed
CS_INSTL_DATE:	TBC
CS_ROLE_ID:	TBC





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Using ikeGPS methods

Quickly c



ntional

21'9"-
Electric Service

16'4"-
Veg Clearance

Pole ID: WC17-1287-01

20'3"-
Mid Span

6'8"- Cross
Arm Width

19'10"-
Proposed Fiber

182'5"-
Span Length

29'4"- Cross Arm

22'9"-
Transformer

1'1"-
Pole Width

18'6"- CATV

Pole ID: WC17-1287