



**Electricity Safety Amendment (Bushfire Mitigation Civil Penalties Scheme)
Bill 2017**

Powercor S120P Annual Compliance Report





As at 30 April 2018

Document Information

In the event of any inquiries with respect to this document, please contact

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Approval

Role	Name	Title	Date
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Endorsed	Steven Neave 	General Manager Electricity Networks	31 May 2018
Approved	Board of Directors 	Powercor Australia Limited	12 June 2018

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Version History

Revision	Date	Comment
1.0	1 June 2018	Submission to PAL/CP Board for approval
2.0	1 August 2018	Submission of Board approved report to ESV
3.0	13 August 2018	Minor amendments to address ESV feedback

1 Works carried out during the reporting period

This section provides details of works carried out during the reporting period (1 May 2017 to 30 April 2018).

1.1 REFCL program status [S120P(1)(a)(i)]

1.1.1 Gisborne (GSB)

GSB REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	25/02/2016	100%	5%
	Business Case approval	25/02/2016		
Design	Design commenced	26/02/2016	100%	20%
	Design complete	6/06/2016		
Procurement	Number of REFCL units required	1		
	REFCL order placed	17/03/2016	100%	15%
	REFCL delivered to site	15/08/2016		
Construction - Lines	Line works commenced	26/02/2016	100%	25%
	Line works complete	30/09/2016		
Construction - Stations	Station works commenced	19/05/2016	100%	15%
	Station works complete	12/04/2017		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	12/09/2016	100%	10%
	REFCL commissioned and operable	23/09/2016		
Close Out	REFCL at "required capacity"		0%	10%
Total weighted percentage complete			90%	

The zone substation is located at -37.45355146, 144.57636595 (latitude, longitude)

1.1.2 Woodend (WND)

WND REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	25/02/2016	100%	5%
	Business Case approval	25/02/2016		
Design	Design commenced	26/02/2016	100%	20%
	Design complete	6/06/2016		
Procurement	Number of REFCL units required	2		
	REFCL order placed	17/03/2016	100%	15%
	REFCL delivered to site	15/08/2016		
Construction - Lines	Line works commenced	26/02/2016	100%	25%
	Line works complete	30/05/2017		
Construction - Stations	Station works commenced	12/05/2016	100%	15%
	Station works complete	12/04/2017		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	15/12/2016	100%	10%
	REFCL commissioned and operable	31/10/2017		
Close Out	REFCL at "required capacity"		0%	10%
Total weighted percentage complete			90%	

This zone substation is located at -37.33449073, 144.51778650 (latitude, longitude)

1.1.3 Camperdown (CDN)

CDN REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/08/2016	100%	20%
	Design complete	11/01/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	100%	15%
	REFCL delivered to site	4/11/2017		
Construction - Lines	Line works commenced	9/01/2017	80%	25%
	Line works complete			
Construction - Stations	Station works commenced	30/05/2017	100%	15%
	Station works complete	23/04/2018		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	10%
Total weighted percentage complete			75%	

This zone substation is located at -38.22702204, 143.15481663 (latitude, longitude)

1.1.4 Castlemaine (CMN)

CMN REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/08/2016	80%	15%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced	24/06/2017	80%	20%
	Line works complete			
Construction - Stations	Station works commenced	30/05/2017	70%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced	7/02/2018	30%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			59%	

This zone substation is located at -37.07236807, 144.20669317 (latitude, longitude)

1.1.5 Maryborough (MRO)

MRO REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/12/2016	83%	20%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	100%	15%
	REFCL delivered to site	14/12/2017		
Construction - Lines	Line works commenced	22/01/2018	45%	25%
	Line works complete			
Construction - Stations	Station works commenced	22/01/2018	40%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	10%
Total weighted percentage complete			54%	

This zone substation is located at -37.04952584, 143.75473022 (latitude, longitude)

1.1.6 Colac (CLC)

CLC REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	7/11/2016	60%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced	12/04/2017	50%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	6		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			34%	

This zone substation is located at -38.34056225, 143.60615730 (latitude, longitude)

1.1.7 Winchelsea (WIN)

WIN REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/12/2016	87%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced	12/04/2017	35%	25%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	10%
Total weighted percentage complete			45%	

This zone substation is located at -38.23622505, 144.00288820 (latitude, longitude)

1.1.8 Eaglehawk (EHK)

EHK REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	6/02/2018	100%	5%
	Business Case approval	10/03/2017		
Design	Design commenced	27/11/2017	80%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	8		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			27%	

This zone substation is located at -36.73592644, 144.27855492 (latitude, longitude)

1.1.9 Ballarat North (BAN)

BAN REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	3		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	9		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -37.53477699, 143.84742737 (latitude, longitude)

1.1.10 Charlton (CTN)

CTN REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.27399871, 143.36318135 (latitude, longitude)

1.1.11 Ballarat South (BAS)

BAS REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	3		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	5		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -37.57505901, 143.82751465 (latitude, longitude)

1.1.12 Bendigo Terminal Station (BETS)

BETS REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.78490276, 144.25368547 (latitude, longitude)

1.1.13 Bendigo (BGO)

BGO REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	2		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.77055176, 144.27696705 (latitude, longitude)

1.1.14 Geelong (GL)

GL REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced		0%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	1		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -38.12868286, 144.34043884 (latitude, longitude)

1.2 ELCA program status [S120P(1)(a)(ii)]

Total Electric Line Volumes	At 1 May 2017	At 30 April 2018	Progress over Reporting Period	
Bare conductor in ELCA	Route km	Route km	Percentage	Route km
Single Phase HV bare conductor	480.03	475.24	-1%	-4.79
Multi Phase HV bare conductor	491.85	487.25	-1%	-4.60
SWER HV bare conductor	585.58	524.6	-10%	-60.98
Covered / underground conductor in ELCA	Route km	Route km	Percentage	Route km
Single Phase HV conductor	3.85	3.85	0%	0
Multi Phase HV conductor	96.94	120.05	+24%	23.11
SWER HV conductor	129.35	218.13	+69%	88.78

Supplying Substation (System Normal)	Feeder	Reason for Construction	Previous Construction			New Construction			Completion Date
			Type	Phasing	Length (Route km)	Type	Phasing	Length (Route km)	
Winchelsea	WIN011	New Electric line	n/a	n/a	0	Underground Cable	Polyphase	0.9	11/11/2017
Bendigo Terminal Station	BET004	New Electric line	n/a	n/a	0	Underground Cable	Polyphase	0.2	14/11/2017
Eaglehawk	EHK24	New Electric line	n/a	n/a	0	Underground Cable	Polyphase	1.3	14/09/2017
Bendigo Terminal Station	BET001	Augmented for load	Bare Conductor	SWER	0.2	Underground Cable	Polyphase	0.2	13/10/2017
Woodend	WND024	Proactive replacement/direction	Bare Conductor	SWER	38.8	Underground Cable	SWER	48.0	30/06/2017
Castlemaine	CMN003	Proactive replacement/direction	Bare Conductor	SWER	14.3	Underground Cable	SWER	19.3	30/08/2017
Castlemaine	CMN004	Proactive replacement/direction	Bare Conductor	SWER	18.7	Underground Cable	SWER	21.5	30/08/2017
Winchelsea	WIN011	Proactive replacement/direction	Bare Conductor	Polyphase	9.3	Underground Cable	Polyphase	20.5	30/06/2017

1.3 SWER ACR program status [S120P(1)(a)(iii)]

Over the reporting period Powercor has installed 256 Automatic Circuit Reclosers (ACR) in relation to Single Wire Earth Return (SWER) lines. Details are provided in the following table.

ACR NAME	FEEDER	COMPLETION DATE
CENTRE SPUR RD P8 ACR	CDN001	22/08/2017
KYUNA NTH P2 FUSE SAVER	TRG002	3/10/2017
KYUNA P17 FUSE SAVER	TRG002	4/10/2017
ALHAMBRI P2 SWER ACR FS	CLC003	1/11/2017
NORTH CUNDARE P11 SWER ACR FS	CLC003	1/11/2017
SMART P14 SWER ACR FS	CLC003	6/11/2017
SHELFORD P112 SWER ACR FS	WIN013	8/11/2017
SHELLEY P3 SWER ACR FS	WIN013	9/11/2017
JEFFCOTT P3 SWER ACR FS	CTN006	14/11/2017
DONALD SOUTH EAST P5 SWER ACR FS	CTN006	15/11/2017
TUENA P14 SWER ACR FS	ART033	16/11/2017
ROLLOS RD P1 SWER ACR FS	WBL012	17/11/2017
YEO P28 SWER ACR FS	CLC007	19/11/2017
PEARDON P11 SWER ACR FS	CLC007	19/11/2017
MELVILLE P1 SWER ACR FS	CLC006	20/11/2017
BANYENA P8 SWER ACR FS	CTN006	21/11/2017
NORMANVILLE P3 SWER ACR FS	KGT004	21/11/2017
QUAMBATOOK ROAD P2 SWER ACR FS	KGT004	21/11/2017
LEEDER P1 SWER ACR FS	CTN006	22/11/2017
GILMORE P1 SWER ACR FS	CTN006	22/11/2017
FENTONS CREEK P40A SWER ACR FS	CTN002	23/11/2017
YEUNGROON P1 SWER ACR FS	CTN006	23/11/2017
STONYHURST RD P5A SWER ACR FS	CLC003	24/11/2017
CROFTON PARK P1 SWER ACR FS	CTN006	24/11/2017
BULOKE P1 SWER ACR FS	CTN006	24/11/2017
BRIDGEWATER P1 SWER ACR FS	EHK024	24/11/2017
CHARLTON WEST P1 SWER ACR FS	CTN006	24/11/2017
MINMINDIE P28A SWER ACR FS	CTN002	25/11/2017
UPPER GELLIBRAND P2A SWER ACR FS	CLC007	25/11/2017

SEDGWICK P20 SWER ACR FS	BET007	28/11/2017
LITCHFIELD SOUTH P3 SWER ACR FS	CTN006	28/11/2017
JUNCTION P2 SWER ACR FS	CTN002	28/11/2017
KNOWSLEY P1 SWER ACR FS	BGO023	29/11/2017
SEDGWICK NORTH P5 SWER ACR FS	BET007	29/11/2017
WINJALLOCK P18 SWER ACR FS	CTN006	29/11/2017
CADSON P1 SWER ACR FS.	CTN002	29/11/2017
YEUNGROON EAST P1 SWER ACR FS.	CTN002	29/11/2017
ROCKY POINT P3 SWER ACR FS	ART033	29/11/2017
CATHCART P14 SWER ACR FS	ART033	29/11/2017
DERRINAL TIE LINE P1 SWER ACR FS	BGO023	30/11/2017
MT CAMEL P1 SWER ACR FS	BGO023	30/11/2017
BURRUMBITE P4A SWER ACR FS	CTN006	30/11/2017
GOOROC P1A SWER ACR FS	CTN006	30/11/2017
RICHMOND PLAINS P2 SWER ACR FS	CTN002	30/11/2017
HATELY P1A SWER ACR FS	ART033	30/11/2017
ROE PARK P30A SWER ACR FS	KYM003	30/11/2017
CROUCH P5 SWER ACR FS	ART033	1/12/2017
LITCHFIELD P117 SWER ACR FS	CTN006	2/12/2017
ACKERLY P2 SWER ACR FS	CLC006	4/12/2017
BARONGAROOK WEST P11 SWER ACR FS	CLC006	4/12/2017
TEDDYWADDY WEST P2 SWER ACR FS	CTN003	4/12/2017
GREENS LAKE P81 SWER ACR FS	KYM001	4/12/2017
SWANWATER P108 SWER ACR FS	CTN006	5/12/2017
NULLAWIL SOUTH P12 SWER ACR FS	CTN003	5/12/2017
ELVYNWOOD P9A SWER ACR FS	CTN003	5/12/2017
KEELY P10 SWER ACR FS	CHA003	5/12/2017
HADDON P9 SWER ACR FS	CHA005	5/12/2017
BULLARD P6 SWER ACR FS	ART033	5/12/2017
BERRIMAL NORTH P1 SWER ACR FS	CTN006	6/12/2017
COSTERFIELD P136 SWER ACR FS	BGO023	6/12/2017
CARAMWYNNE P1 SWER ACR FS	ART033	6/12/2017
CAL P5A SWER ACR FS	ART033	6/12/2017
WERCHON P1 SWER ACR FS	ART033	6/12/2017
BUNINJON P1 SWER ACR FS	ART033	6/12/2017
SMITH SPUR P1 SWER ACR FS	CHA006	6/12/2017
KNOWSLEY SOUTH P12 SWER ACR FS	BGO023	7/12/2017

TRAYNORS P19 SWER ACR FS	CTN006	7/12/2017
SUMMERHAYES P20A SWER ACR FS	CTN003	7/12/2017
STREATHAM P250A SWER ACR FS	ART033	7/12/2017
BARWON P12A SWER ACR FS	CLC007	8/12/2017
GLENORCHY SOUTH P2 SWER ACR FS	STL006	8/12/2017
SWINTON P2 SWER ACR FS	STL006	8/12/2017
TRAM P1 SWER ACR FS	CTN003	9/12/2017
KALPIENUNG P20 SWER ACR FS	CTN003	9/12/2017
BURRUM NORTH P1 SWER ACR FS	STL006	9/12/2017
SWAN MARSH P17 SWER ACR FS	CLC006	10/12/2017
MARNOO TOWN P11 SWER ACR FS	STL006	10/12/2017
COURT P2 SWER ACR FS	STL006	10/12/2017
MASSEY EAST P4 SWER ACR FS	CTN006	11/12/2017
YARRON P1 SWER ACR FS	ART033	11/12/2017
GLEESON P1 SWER ACR FS	ART033	11/12/2017
MEAD SOUTH P1 SWER ACR FS	CHA006	11/12/2017
BIGGINS P38 SWER ACR FS	ART033	12/12/2017
CANAL P1 SWER ACR FS	CTN003	12/12/2017
PACKER P1 SWER ACR FS	CTN003	12/12/2017
MORTON PLAINS P3 SWER ACR FS	CTN001	12/12/2017
WICKLIFFE P1 SWER ACR FS	ART033	13/12/2017
PARKER P1 SWER ACR FS	CTN003	13/12/2017
QUAMBATOOK SOUTH P14 SWER ACR FS	CTN003	13/12/2017
ROONGA P4A SWER ACR FS	ART033	14/12/2017
MALIN P21 SWER ACR FS	ART033	14/12/2017
TUXION P12 SWER ACR FS	CLC007	14/12/2017
NARRAPORT EAST P4 SWER ACR FS	CTN001	14/12/2017
HOREFIELD STH P10 SWER ACR FS	CHA006	14/12/2017
CROSBIE P1 SWER ACR FS	CTN001	14/12/2017
BOX SWAMP P1 SWER ACR FS	CTN001	14/12/2017
MINCHA P12 SWER ACR FS	CHA006	14/12/2017
WERNETH P18A SWER ACR FS	CLC003	15/12/2017
STAVEAST P14 SWER ACR FS	ART033	15/12/2017
PHILLIPS P1 SWER ACR FS	KGT003	15/12/2017
KELLY P1 SWER ACR FS	CTN003	15/12/2017
MINYIP SOUTH WEST P2 SWER ACR FS	STL006	15/12/2017
CARRS PLAINS P4 SWER ACR FS	STL006	15/12/2017

BANYENA P1 SWER ACR FS	STL006	15/12/2017
MACORNA WEST P4 SWER ACR FS	CHA006	15/12/2017
MACORNA P35 SWER ACR FS	CHA006	15/12/2017
CONSTABLE P1 SWER ACR FS	CTN001	15/12/2017
BARRYS RD P2 SWER ACR FS	CLC006	16/12/2017
LINTSOUTH P2 SWER ACR FS	BAS021	16/12/2017
COOPER P3 SWER ACR FS	STL006	16/12/2017
DONALD RD P29 SWER ACR FS	STL006	16/12/2017
SKIPNORTH P10 SWER ACR FS	BAS021	16/12/2017
ROCHESTER QUARRY P9 SWER ACR FS	KYM001	16/12/2017
TYRELL P2 SWER ACR FS	CLC007	17/12/2017
CALLWADDA P42 SWER ACR FS	STL006	17/12/2017
CALLAWADDA EAST P7 SWER ACR FS	STL006	17/12/2017
DORANSOUTH P12A SWER ACR FS	BAS022	17/12/2017
DUNNE P2 SWER ACR FS	BAS022	17/12/2017
LAL LAL P6 SWER ACR FS	BAS022	17/12/2017
YANDO NORTH P1 SWER ACR FS	CTN002	18/12/2017
MALAKOFF P5 SWER ACR FS	STL007	18/12/2017
GLADFIELD PARK P11 SWER ACR FS	CHA006	18/12/2017
LINDON P2 SWER ACR FS	CLC003	19/12/2017
LALBERT WEST P1 SWER ACR FS	CTN003	19/12/2017
LODDON RIVER P89 SWER ACR FS	KGT004	19/12/2017
ROKEWOOD P1 SWER ACR FS	BAS021	19/12/2017
THALIA P3 SWER ACR FS	CTN001	19/12/2017
BUNGULUKE P1 SWER ACR FS	CTN001	19/12/2017
COROP WEST P1 SWER ACR FS	KYM001 (SHPO21)	19/12/2017
GREENHILL P15 ISO	BAS023	20/12/2017
KINIMAKATKA P1 ACR	NHL015	20/12/2017
SANDY LANE P3 SWER ACR FS	CLC003	20/12/2017
BERRINGA SOUTH P19 SWER ACR FS	BAS021	21/12/2017
CHARLTON EAST P1 SWER ACR FS	CTN001	21/12/2017
BALLAPUR P1 SWER ACR FS	CTN001	21/12/2017
MCGRATHS RD P25 SWER ACR FS	CTN001	21/12/2017
O'DONOGHUE P2 SWER ACR FS	EHK024	3/01/2018
TCHAM LAKES NORTH P1 SWER ACR FS	CTN001	3/01/2018
TCHAM LAKES SOUTH P1 SWER ACR FS	CTN001	3/01/2018
DONALD RD P1 ACR	STL006	3/01/2018

NEILBOROUGH EAST P6 SWER ACR FS	EHK024	4/01/2018
WARMUR P33 SWER ACR FS	CTN001	4/01/2018
WARMUR P1 SWER ACR	CTN001	4/01/2018
MERAN P4 SWER ACR FS	KGT004	5/01/2018
GLENLOTH P17 SWER ACR FS	CTN003	5/01/2018
YENDOLLOCK P2 SWER ACR FS	ART033	8/01/2018
KALANOWA P1 SWER ACR FS	ART033	8/01/2018
MARNOO P15 SWER ACR FS	STL006	9/01/2018
LANCASTER P6 SWER ACR FS	KGT003	10/01/2018
CURYO EAST P1 SWER ACR FS	CTN001	10/01/2018
CURYO WEST P1 SWER ACR FS	CTN001	10/01/2018
DONALD P238 SWER ACR FS	CTN006	11/01/2018
MILNES BRIDGE P14A SWER ACR FS	KGT003	12/01/2018
HEEL P2 SWER ACR FS	KGT003	12/01/2018
THALIA SOUTH P3 SWER ACR FS	CTN001	12/01/2018
SHANROAD P1 SWER ACR FS	BMH003	12/01/2018
HAVELOCK P24 SWER ACR FS	MRO005	12/01/2018
SKELTON P10 SWER ACR FS	BAS023	12/01/2018
KOFOED P3 SWER ACR FS	BET007	16/01/2018
WOORONOOK SOUTH P1 SWER ACR FS	CTN006	16/01/2018
WOORONOOK NORTH P1 SWER ACR FS	CTN006	16/01/2018
KERANG EAST P6 SWER ACR FS	KGT003	16/01/2018
BOIGBEAT EAST P1 SWER ACR FS	CTN003	17/01/2018
GREDEWIN P17A SWER ACR FS	CTN002	17/01/2018
BARRAPORT P2 ACR	CTN002	17/01/2018
CAMPBELLS CREEK P2 SWER ACR FS	CTN004	17/01/2018
KOOREH EAST P2 SWER ACR FS	CTN004	17/01/2018
WALLINDUC P1 SWER ACR FS	BAS021	17/01/2018
MOSVALE P4 SWER ACR FS	ART031	17/01/2018
CHAMPION P3E SWER ACR FS	ART031	17/01/2018
PIAVELLA P2 SWER ACR FS	EHK024	17/01/2018
DWIGHT P1 SWER ACR FS	CTN004	18/01/2018
FREEMAN P1 SWER ACR FS	CTN004	18/01/2018
BALLARD P1 SWER ACR FS	CHA003	18/01/2018
CULGOA WEST P8 SWER ACR FS	CTN003	19/01/2018
EMU P11 SWER ACR FS	MRO005	19/01/2018
MOUNTWILL P68A SWER ACR FS	ART033	22/01/2018

KOROOP P1 SWER ACR FS	CHA006	22/01/2018
FRONTAGE P4A SWER ACR FS	KGT003	23/01/2018
HULL P1 SWER ACR FS	STL005	23/01/2018
GLENLOFTY P2A SWER ACR FS	ART023	24/01/2018
BURRUM P12A ACR	STL006	24/01/2018
GOODBUN P1 SWER ACR FS	KGT003	25/01/2018
GOORNONG NORTH P1 SWER ACR FS	KYM001	25/01/2018
FAWCETT P1 SWER ACR FS	CHA006	25/01/2018
DURHAM OX P126A SWER ACR FS	CHA006	25/01/2018
BEN NEVIS P18 SWER ACR FS	ART023	30/01/2018
BOORT P319 SWER ACR FS	CTN002	30/01/2018
SALISBURY WEST P11 SWER ACR FS	EHK024	30/01/2018
MINMINDIE P9 SWER ACR FS	CTN002	31/01/2018
DURHAM OX P79 SWER ACR FS	CHA006	31/01/2018
QUAMBATOOK P89 SWER ACR FS	CTN003	31/01/2018
MURRABIT P93A SWER ACR FS	KGT003	1/02/2018
MITIAMO EAST P6 SWER ACR FS	CHA006	1/02/2018
TIMOR WEST P6A SWER ACR FS	MRO005	2/02/2018
GERANGAMETE P10 SWER ACR FS	CLC007	5/02/2018
HORDERN VALE P61A ACR	CLC006	6/02/2018
KINYPANIAL P1 SWER ACR FS	CTN002	6/02/2018
SNAKE P9 SWER ACR FS	KGT003	6/02/2018
BUDGERUM WEST P4 SWER ACR FS	CTN003	7/02/2018
BAEL BAEI NORTH P2 SWER ACR FS	KGT004	7/02/2018
JAMES P7A SWER ACR FS	MRO005	7/02/2018
KERRY P3 SWER ACR FS	BET007	9/02/2018
CAPELS P1 SWER ACR FS	KGT003	9/02/2018
FRASER P3 SWER ACR FS	CTN001	9/02/2018
BURRUM SILO P38 SWER ACR FS	STL006	12/02/2018
TULOONA P3 SWER ACR FS	HSM004	12/02/2018
LODDON RIVER P5A SWER ACR FS	KGT004	13/02/2018
WARRANOOKE P4 SWER ACR FS	STL006	13/02/2018
BERRIWILLOCK SOUTH P12 SWER ACR FS	CTN003	14/02/2018
LAEN NORTH P1 SWER ACR FS	STL006	14/02/2018
LAEN SOUTH SWER ACR FS	STL006	14/02/2018
LAEN P69 SWER ACR FS	STL006	14/02/2018
CULGOA EAST P9 SWER ACR FS	CTN003	15/02/2018

PERNS LANE P6 SWER ACR FS	HSM002	16/02/2018
RUNNYMEDE P1 SWER ACR FS	KYM001	16/02/2018
BERRI EAST P4 SWER ACR FS	CTN003	18/02/2018
CHERRY P5 SWER ACR FS	CTN001	19/02/2018
RABIT P138 SWER ACR FS	KGT003	20/02/2018
WIMMERA PARK P1A SWER ACR FS	STL006	20/02/2018
BARTON P1 SWER ACR FS	ART033	21/02/2018
LODDON RIVER P24 SWER ACR FS	KGT004	21/02/2018
WATCHEM WEST P10 SWER ACR FS	CTN001	22/02/2018
STUART MILL P68 SWER ACR FS	MRO005	22/02/2018
HODGSON P1 SWER ACR FS	CTN003	26/02/2018
HOMEWOOD P23 SWER ACR FS	CTN003	26/02/2018
WITCHIPOOL P1 SWER ACR FS	CTN006	28/02/2018
MEERING WEST P2 SWER ACR FS	KGT004	28/02/2018
YARRAWALLA SOUTH P5A SWER ACR FS	CHA006	28/02/2018
KOROOP WEST P4E SWER ACR FS	KGT003	2/03/2018
GEEROAD P7 SWER ACR FS	BAS021	2/03/2018
CLIFTON ESTATE P2 SWER ACR FS	CTN003	2/03/2018
WYCHEPROOF P450A ACR	CTN003	2/03/2018
MOLOGA P1 SWER ACR FS	CHA006	5/03/2018
CARAPOOEE P36 SWER ACR FS	CTN004	7/03/2018
BENJEROOP P9 SWER ACR FS	KGT003	7/03/2018
CARWARDINE RD P1 SWER ACR FS	CHA006	7/03/2018
DOBOOBETIC P8A SWER ACR FS	CTN006	8/03/2018
JOEL MARTIN P5A SWER ACR FS	STL007	8/03/2018
SEA LAKE SOUTH P16 SWER ACR FS	CTN003	8/03/2018
MT HOOGLY P8 SWER ACR FS	MRO005	9/03/2018
WILLAURA P240 SWER ACR FS	ART033	9/03/2018
GLENORCHY P387 SWER ACR FS	STL006	9/03/2018
MURRABIT WEST P1 SWER ACR	KGT003	14/03/2018
APPIN SOUTH P1 SWER ACR FS	KGT004	16/03/2018
DURHAM OX P35 SWER ACR FS	CHA006	20/03/2018
KAMAROOKA P50 SWER ACR FS	EHK024	22/03/2018
REMOVED WARE P2 ACR, CONVERT SWER LINE TO POLYPHASE	CLC006	26/03/2018
BORUNG P81 SWER ACR FS	CTN001	28/03/2018
WILLOWVALE P1 SWER ACR FS	BAS021	29/03/2018
WETTENHALL P1 SWER ACR FS &	BAS021	29/03/2018

HUNTER SOUTH P21A SWER ACR FS	KYM001	29/03/2018
HAM P1 SWER ACR FS	KYM001	29/03/2018
PARD P3 SWER ACR FS	KGT003	10/04/2018
WANGANIP P2 ACR	ART033	11/04/2018
GLENTHOMPSON P122 SWER ACR FS	ART033	11/04/2018

2 Plans of works to be carried out during the next reporting period

This section provides details of works planned to be carried out during the reporting period (1 May 2018 to 30 April 2019).

Percentage Complete is the actual percentage complete as at 30 April 2018.

2.1 REFCL program status [S120P(1)(c)(i)]

2.1.1 Gisborne (GSB)

GSB REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	25/02/2016	100%	5%
	Business Case approval	25/02/2016		
Design	Design commenced	26/02/2016	100%	20%
	Design complete	6/06/2016		
Procurement	Number of REFCL units required	1		
	REFCL order placed	17/03/2016	100%	15%
	REFCL delivered to site	15/08/2016		
Construction - Lines	Line works commenced	26/02/2016	100%	25%
	Line works complete	30/09/2016		
Construction - Stations	Station works commenced	19/05/2016	100%	15%
	Station works complete	12/04/2017		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	12/09/2016	100%	10%
	REFCL commissioned and operable	23/09/2016		
Close Out	REFCL at "required capacity"	30/05/2018	0%	10%
Total weighted percentage complete			90%	

The zone substation is located at -37.45355146, 144.57636595 (latitude, longitude)

2.1.2 Woodend (WND)

WND REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	25/02/2016	100%	5%
	Business Case approval	25/02/2016		
Design	Design commenced	26/02/2016	100%	20%
	Design complete	6/06/2016		
Procurement	Number of REFCL units required	2		
	REFCL order placed	17/03/2016	100%	15%
	REFCL delivered to site	15/08/2016		
Construction - Lines	Line works commenced	26/02/2016	100%	25%
	Line works complete	30/05/2017		
Construction - Stations	Station works commenced	12/05/2016	100%	15%
	Station works complete	12/04/2017		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	15/12/2016	100%	10%
	REFCL commissioned and operable	31/10/2017		
Close Out	REFCL at "required capacity"	30/06/2018	0%	10%
Total weighted percentage complete			90%	

This zone substation is located at -37.33449073, 144.51778650 (latitude, longitude)

2.1.3 Camperdown (CDN)

CDN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/08/2016	100%	20%
	Design complete	11/01/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	100%	15%
	REFCL delivered to site	4/11/2017		
Construction - Lines	Line works commenced	9/01/2017	80%	25%
	Line works complete	7/05/2018		
Construction - Stations	Station works commenced	30/05/2017	100%	15%
	Station works complete	23/04/2018		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	20/05/2018	0%	10%
	REFCL commissioned and operable	15/06/2018		
Close Out	REFCL at "required capacity"	23/09/2018	0%	10%
Total weighted percentage complete			75%	

This zone substation is located at -38.22702204, 143.15481663 (latitude, longitude)

2.1.4 Castlemaine (CMN)

CMN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/08/2016	80%	15%
	Design complete	28/06/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site	18/05/2018		
Construction - Lines	Line works commenced	24/06/2017	80%	20%
	Line works complete	27/08/2018		
Construction - Stations	Station works commenced	30/05/2017	70%	15%
	Station works complete	11/09/2018		
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced	7/02/2018	30%	20%
	HV customer works complete	30/09/2018		
Testing / Commissioning	REFCL testing / commissioning commenced	2/10/2018	0%	10%
	REFCL commissioned and operable	29/10/2018		
Close Out	REFCL at "required capacity"	5/02/2019	0%	5%
Total weighted percentage complete			59%	

This zone substation is located at -37.07236807, 144.20669317 (latitude, longitude)

2.1.5 Maryborough (MRO)

MRO REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/12/2016	83%	20%
	Design complete	23/05/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	100%	15%
	REFCL delivered to site	14/12/2017		
Construction - Lines	Line works commenced	22/01/2018	45%	25%
	Line works complete	18/05/2018		
Construction - Stations	Station works commenced	22/01/2018	40%	15%
	Station works complete	6/09/2018		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	3/08/2018	0%	10%
	REFCL commissioned and operable	11/09/2018		
Close Out	REFCL at "required capacity"	23/10/2018	0%	10%
Total weighted percentage complete			54%	

This zone substation is located at -37.04952584, 143.75473022 (latitude, longitude)

2.1.6 Colac (CLC)

CLC REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	7/11/2016	60%	15%
	Design complete	8/08/2018		
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site	14/08/2018		
Construction - Lines	Line works commenced	12/04/2017	50%	20%
	Line works complete	27/11/2018		
Construction - Stations	Station works commenced	28/06/2018	0%	15%
	Station works complete	29/01/2019		
Construction - Third Party	Number of affected HV Customer Connections	6		
	HV customer works commenced	30/05/2018	0%	20%
	HV customer works complete	12/12/2018		
Testing / Commissioning	REFCL testing / commissioning commenced	30/01/2019	0%	10%
	REFCL commissioned and operable	5/03/2019		
Close Out	REFCL at "required capacity"	11/04/2019	0%	5%
Total weighted percentage complete			34%	

This zone substation is located at -38.34056225, 143.60615730 (latitude, longitude)

2.1.7 Winchelsea (WIN)

WIN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2016	100%	5%
	Business Case approval	13/07/2016		
Design	Design commenced	1/12/2016	87%	20%
	Design complete	26/06/2018		
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	15%
	REFCL delivered to site	14/08/2018		
Construction - Lines	Line works commenced	12/04/2017	35%	25%
	Line works complete	5/09/2018		
Construction - Stations	Station works commenced	28/06/2018	0%	15%
	Station works complete	11/10/2018		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		0%	0%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	17/11/2018	0%	10%
	REFCL commissioned and operable	30/11/2018		
Close Out	REFCL at "required capacity"	7/03/2019	0%	10%
Total weighted percentage complete			45%	

This zone substation is located at -38.23622505, 144.00288820 (latitude, longitude)

2.1.8 Eaglehawk (EHK)

EHK REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	6/02/2018	100%	5%
	Business Case approval	10/03/2017		
Design	Design commenced	27/11/2017	80%	15%
	Design complete	29/06/2018		
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	95%	10%
	REFCL delivered to site	14/08/2018		
Construction - Lines	Line works commenced	25/06/2018		20%
	Line works complete	31/10/2018		
Construction - Stations	Station works commenced	2/07/2018		15%
	Station works complete	26/10/2018		
Construction - Third Party	Number of affected HV Customer Connections	8		
	HV customer works commenced	15/10/2018	0%	20%
	HV customer works complete	30/11/2018		
Testing / Commissioning	REFCL testing / commissioning commenced	5/11/2018	0%	10%
	REFCL commissioned and operable	10/12/2018		
Close Out	REFCL at "required capacity"	21/12/2018	0%	5%
Total weighted percentage complete			27%	

This zone substation is located at -36.73592644, 144.27855492 (latitude, longitude)

2.1.9 Ballarat North (BAN)

BAN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	1/06/2018	0%	15%
	Design complete	26/10/2018		
Procurement	Number of REFCL units required	3		
	REFCL order placed	13/08/2018	0%	10%
	REFCL delivered to site	13/02/2019		
Construction - Lines	Line works commenced	12/11/2018	0%	20%
	Line works complete			
Construction - Stations	Station works commenced	12/11/2018	0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	9		
	HV customer works commenced	12/11/2018	0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -37.53477699, 143.84742737 (latitude, longitude)

2.1.10 Charlton (CTN)

CTN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	1/06/2018	0%	15%
	Design complete	26/10/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	13/08/2018	0%	10%
	REFCL delivered to site	13/02/2019		
Construction - Lines	Line works commenced	12/11/2018	0%	20%
	Line works complete			
Construction - Stations	Station works commenced	12/11/2018	0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced	12/11/2018	0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.27399871, 143.36318135 (latitude, longitude)

2.1.11 Ballarat South (BAS)

BAS REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	17/09/2018	0%	15%
	Design complete	28/02/2019		
Procurement	Number of REFCL units required	3		
	REFCL order placed	30/11/2018	0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced	1/03/2019	0%	20%
	Line works complete			
Construction - Stations	Station works commenced	1/03/2019	0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	5		
	HV customer works commenced	1/03/2019	0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -37.57505901, 143.82751465 (latitude, longitude)

2.1.12 Bendigo Terminal Station (BETS)

BETS REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	17/09/2018	0%	15%
	Design complete	28/02/2019		
Procurement	Number of REFCL units required	2		
	REFCL order placed	30/11/2018	0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced	1/03/2019	0%	20%
	Line works complete			
Construction - Stations	Station works commenced	1/03/2019	0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced	1/03/2019	0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.78490276, 144.25368547 (latitude, longitude)

2.1.13 Bendigo (BGO)

BGO REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	1/03/2019	0%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	2		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -36.77055176, 144.27696705 (latitude, longitude)

2.1.14 Geelong (GL)

GL REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	11/09/2017	100%	5%
	Business Case approval	27/10/2017		
Design	Design commenced	1/03/2019	0%	15%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	10%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	20%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	1		
	HV customer works commenced		0%	20%
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced		0%	10%
	REFCL commissioned and operable			
Close Out	REFCL at "required capacity"		0%	5%
Total weighted percentage complete			5%	

This zone substation is located at -38.12868286, 144.34043884 (latitude, longitude)

2.2 ELCA program status [S120P(1)(c)(ii)]

ELCA description	Project Name	Bare OH retired (kms)
Region 9	Fogarty	26.5
Region 18	Coliban 1	35.4

2.3 SWER ACR program status [S120P(1)(c)(iii)]

For the next reporting period Powercor plans to install 265 Automatic Circuit Reclosers (ACR) in relation to Single Wire Earth Return (SWER) lines. Details are provided in the following table.

ACR NAME	FEEDER	FORECAST COMPLETION DATE
RUSSELLPARK P25 ISO	BAS011	Q3 2018
STONORTH P5 ISO	BAS011	Q3 2018
EURAMSOUTH 9 ISO	BAS011	Q3 2018
BALMORAL SOUTH 16 ISO	HSM002	Q3 2018
TELANGATUK P157 ISO	HSM002	Q3 2018
GLENVALE 6 ISO	HSM002	Q3 2018
DOUGLAS P37 ISO	HSM002	Q3 2018
BALMORAL 234 ISO	HSM002	Q3 2018
TELANGATUK EAST 35 ISO	HSM002	Q3 2018
BRIMPAEN 114 ISO	HSM002	Q3 2018
BRIMPAEN 79 ISO	HSM002	Q3 2018
TEN MILE P268R ISO	HSM002	Q3 2018
DARRAGAN SWAMP P224R ISO	HSM002	Q3 2018
LOWAN ISO 5	HSM002	Q3 2018
COLRAINE 3 ISO	HSM002	Q3 2018
HOTS-CHM/IKA 138R ISO	HSM002	Q3 2018
CLEAR LAKE SOUTH 2 ISO	HSM002	Q3 2018
GLENGLEESON P1 ISO	HTN001	Q3 2018
MACARTHUR NTH P23 ISO	HTN001	Q3 2018
CLOVER LEA P404A ISO	HTN001	Q3 2018
BRISBANE HILL ESTATE ISO P665	HTN001	Q3 2018
CARTYS ESTATE ISO P686	HTN001	Q3 2018
ROWE P524 ISO	HTN001	Q3 2018
ANNETT P36 ISO	HTN001	Q3 2018
WARRABKOOK P553 ISO	HTN001	Q3 2018
EMMERSON P39 ISO	HTN002	Q3 2018
MORGIANA ISO	HTN002	Q3 2018

TAHARA P108 ISO	HTN002	Q3 2018
GLENORCHY 91 ISO	HTN002	Q3 2018
SANDFORD SOUTH ISO	HTN002	Q3 2018
PASCHENDALE 54 ISO	HTN002	Q3 2018
MOCAMBORO RD P3 ISO	HTN002	Q3 2018
MIAKITE 15 ISO	HTN002	Q3 2018
CORNDALE P33 ISO	HTN002	Q3 2018
MIRA 3 ISO	KRT012	Q3 2018
TARRONE NTH ISO 38	KRT013	Q3 2018
PYE P118 ISO	KRT013	Q3 2018
ORFORD 84 ISO	KRT013	Q3 2018
BESSIEBELLE 129 ISO	KRT013	Q3 2018
WILLATOOK P8 ISO	KRT013	Q3 2018
CARRA P1 ISO	MNA014	Q3 2018
MALONEY ISO 26	MNA014	Q3 2018
BALDI P2B ISO	MNA034	Q3 2018
MURCHISON ISO 130	MNA034	Q3 2018
LOCHIEL P3 ISO	NHL015	Q3 2018
PELLA P4 ISO	NHL015	Q3 2018
JEPARIT GOLF P14 ISO	NHL015	Q3 2018
RAINBOW EAST P2 ISO	NHL015	Q3 2018
ALBACUTYA WEST P6 ISO	NHL015	Q3 2018
GLENLEE ISO 39	NHL015	Q3 2018
RAINBOW WEST P23 ISO	NHL015	Q3 2018
JEPARIT P590 ISO	NHL015	Q3 2018
ANTWERP P2 ISO	NHL015	Q3 2018
KENMARE P3 ISO	NHL015	Q3 2018
PEPPERS PLAINS P7 ISO	NHL015	Q3 2018
ELLAM P5 ISO	NHL015	Q3 2018
ARKONA P5 ISO	NHL015	Q3 2018
KATYIL P2 ISO	NHL015	Q3 2018
JEPARIT P637 ISO	NHL015	Q3 2018
TARRANTYURK EAST P4 ISO	NHL015	Q3 2018
ELLAM NORTH 4 ISO	NHL015	Q3 2018
GERANG P22 ISO	NHL015	Q3 2018
GERANG WERNER 3 ISO	NHL015	Q3 2018
KINWIN 3 ISO	NHL015	Q3 2018

WOORAK 4 ISO	NHL015	Q3 2018
NETHERBY NORTH 1 ISO	NHL016	Q3 2018
PROPODOLLAH 11 ISO	NHL016	Q3 2018
NETHERBY ISO 155	NHL016	Q3 2018
DETPA WEST ISO 87	NHL016	Q3 2018
DOLLAH EAST ISO 2	NHL016	Q3 2018
WOORAK WEST ISO 3	NHL016	Q3 2018
LILLIMUR SOUTH ISO 7	NHL031	Q3 2018
KANIVA SOUTH P18 ISO	NHL031	Q3 2018
LEEOR ISO 1	NHL031	Q3 2018
LAWLOIT TOWN 3 ISO	NHL031	Q3 2018
BUNYIP 3 ISO	NHL031	Q3 2018
YEARINGA P7 ISO	NHL031	Q3 2018
YANAC WEST ISO 1	NHL031	Q3 2018
COVE P1 ISO	NHL031	Q3 2018
YANAC NORTH ISO 4	NHL031	Q3 2018
PEECHEMBER SWAMP P2 ISO	NHL031	Q3 2018
TELOPIA DOWNS 14 ISO	NHL031	Q3 2018
BOYEO ISO	NHL031	Q3 2018
BOYEO WEST ISO 5	NHL031	Q3 2018
HOMELEIGH 2 ISO	NHL031	Q3 2018
KANIVA 184 ISO	NHL031	Q3 2018
PURNIM 229 ISO	WBL005	Q3 2018
WANGOOM PARK EAST P2 ISO	WBL005	Q3 2018
SETTLEMENT 1 ISO	WBL005	Q3 2018
PENNYROYAL CREEK P3 ISO	WIN011	Q3 2018
EVANSFORD P22 ISO	BAN006	Q4 2018
BUNDING 14 ISO	BAN011	Q4 2018
LALFALLS 13 ISO	BAN011	Q4 2018
JANCOURT EAST ISO 90	CDN001	Q4 2018
HOLLAWAY P36 ISO	CDN001	Q4 2018
VITE VITE P6 ISO	CDN006	Q4 2018
TRAWALLA ISO 10	CDN006	Q4 2018
PURA PURA RD ISO 134	CDN006	Q4 2018
TARRAYOUKYAN ISO 7	CHM011	Q4 2018
TALLENOWER P79 ISO	CHM011	Q4 2018
FULLERTON RD 7 ISO	CHM011	Q4 2018

BARKALA ISO 2	CHM011	Q4 2018
MUNDARRA P3 ISO	CHM011	Q4 2018
PATYAH EAST WEST ISO	CHM011	Q4 2018
CHETWYND SOUTH ISO P1	CHM011	Q4 2018
AVONDALE ISO P2	CHM011	Q4 2018
CONNIEWIRRECOO ISO 16	CHM011	Q4 2018
PATYAH ISO 53	CHM011	Q4 2018
YARALLA ISO 236	CHM011	Q4 2018
BRINGALBERT ISO 274	CHM011	Q4 2018
ROSEVILLE 2 ISO	CHM011	Q4 2018
JALLAKIN 10 ISO	CHM011	Q4 2018
MULLINGER ISO 48	CHM011	Q4 2018
ULLSWATER ISO 1	CHM011	Q4 2018
SCRUBBY LAKE ISO 2	CHM011	Q4 2018
WARTOOK 181 ISO	HSM001	Q4 2018
ASHENS 7 ISO	HSM001	Q4 2018
COROMBY SOUTH ISO 3	HSM001	Q4 2018
BUNGALALLY 6 ISO	HSM001	Q4 2018
JUNG NORTH ISO 17	HSM001	Q4 2018
MOOR PARK 5 ISO	HSM001	Q4 2018
TAYLORS LAKE 1 ISO	HSM001	Q4 2018
TAYLORS SOUTH 2 ISO	HSM001	Q4 2018
WARTOOK P131 ISO	HSM001	Q4 2018
DIGBY WEST P217 ISO	HTN002	Q4 2018
DORODONG 68 ISO	HTN002	Q4 2018
BAHGALLAH P58 ISO	HTN002	Q4 2018
KILLARA P28 ISO	HTN002	Q4 2018
MYARING ISO	HTN002	Q4 2018
LAKE MUNDI P4 ISO	HTN002	Q4 2018
MERINO DOWNS P193 ISO	HTN002	Q4 2018
MERINO 173 ISO	HTN002	Q4 2018
SANDFORD EAST P31 ISO	HTN002	Q4 2018
PORTLAND RD P2 ISO	HTN002	Q4 2018
WALLACEDALE NTH P4 ISO	HTN002	Q4 2018
WALLACEDALE NTH P17 ISO	HTN002	Q4 2018
CHERITTA P9 ISO	HTN002	Q4 2018
RETREAT P1 ISO	HTN002	Q4 2018

TIMBER P1 ISO	HTN002	Q4 2018
BARBER P1 ISO	HTN002	Q4 2018
BRANXHOLME P334 ISO	HTN002	Q4 2018
STRATHDOWNIE P265 ISO	HTN002	Q4 2018
STRATHLIN P16 ISO	HTN002	Q4 2018
TARRANLEA 2 ISO	HTN006	Q4 2018
SHARAM P86 ISO	HTN006	Q4 2018
SHINE P81 ISO	HTN006	Q4 2018
CARAPOOK P2 ISO	HTN006	Q4 2018
COLERAINE P177 ISO	HTN006	Q4 2018
COLERAINE P373 ISO	HTN006	Q4 2018
VERDANT HILLS P3 ISO	HTN006	Q4 2018
COLERAINE P437 ISO	HTN006	Q4 2018
POVEY P2 ISO	HTN006	Q4 2018
WANDO VALE P4 ISO	HTN006	Q4 2018
WANDO VALE P14 ISO	HTN006	Q4 2018
COLERAINE 246 ISO	HTN006	Q4 2018
PLD-HTN P209 ISO	HYT011	Q4 2018
PLD-HTN P301 ISO	HYT011	Q4 2018
PAIGNIE ISO 6	OYN001	Q4 2018
WALPEUP SOUTH ISO P2	OYN001	Q4 2018
BOULKA SOUTH ISO 8	OYN001	Q4 2018
KATTYOONG P20A ISO	OYN001	Q4 2018
GALAH NORTH ISO 10	OYN001	Q4 2018
UYEN WEST ISO 3	OYN001	Q4 2018
DUDDO ISO 15	OYN001	Q4 2018
UNDERBOOL SOUTH ISO	OYN001	Q4 2018
BOINKA NORTH ISO P2	OYN001	Q4 2018
TORRITA NORTH ISO 7	OYN001	Q4 2018
BOINKA SOUTH ISO 9	OYN001	Q4 2018
COWANGIE SOUTH ISO	OYN001	Q4 2018
PANITYA SOUTH ISO 15	OYN001	Q4 2018
TUTYE SOUTH ISO 33	OYN001	Q4 2018
UNDERBOOL NORTH ISO	OYN001	Q4 2018
BOLTON 70 ISO	OYN003	Q4 2018
COCAMBA ISO 291	OYN003	Q4 2018
WINNAMBOOL ISO 3	OYN003	Q4 2018

PIER MILLAN ISO P2	OYN003	Q4 2018
LEITPAR ISO 2	OYN003	Q4 2018
KIAMAL EAST ISO 1	OYN003	Q4 2018
BOLAND ISO 2	OYN003	Q4 2018
POHLNER ISO 3	OYN003	Q4 2018
HOPETOUN EAST ISO	OYN005	Q4 2018
JOLLY ISO 2	OYN005	Q4 2018
TURRIFF WEST ISO 4	OYN005	Q4 2018
TYRRELL ISO 8	OYN005	Q4 2018
TEMPY NORTH ISO 1	OYN005	Q4 2018
TEMPY EAST ISO 3	OYN005	Q4 2018
EDLESTON ISO 371E	OYN005	Q4 2018
BANYAN ISO 3	OYN005	Q4 2018
DERING ISO 1	OYN005	Q4 2018
WATCHUPGA EAST ISO P3	OYN005	Q4 2018
OATS ISO 5	OYN005	Q4 2018
WOOMELANG NORTH ISO	OYN005	Q4 2018
WATCHUPGA WEST ISO 2	OYN005	Q4 2018
NYALLO ISO 2	OYN005	Q4 2018
NANDALY WEST ISO 73	OYN005	Q4 2018
NUNGA EAST 1 ISO	OYN005	Q4 2018
CLEARY P1 ISO	RCT022	Q4 2018
CARWARP WEST ISO 1A	RCT022	Q4 2018
HATTAH LAKES ISO 32E	RCT022	Q4 2018
YARRARA NTH ISO 311	RCT023	Q4 2018
CULLULLERAIN ISO	RCT023	Q4 2018
PIRLTA SOUTH ISO 3	RCT023	Q4 2018
MERRINEE NTH ISO P1	RCT023	Q4 2018
BENETOOK ISO 102	RCT023	Q4 2018
MALLANBOOL ISO 265	RCT023	Q4 2018
MERRINEE SOUTH ISO P3	RCT023	Q4 2018
TUNART ISO 1	RCT023	Q4 2018
LANE ISO 8	SHN024	Q4 2018
MARIONVALE ISO 36	SHN024	Q4 2018
MUNDAY ISO 33	SHP012	Q4 2018
APPLEBY P1 ISO	SHP012	Q4 2018
LEES P36 ISO	SHP012	Q4 2018

MEAG ISO 13	SHP014	Q4 2018
TILTON P2 ISO	SHP021	Q4 2018
CLARKSON ISO 13	SHP021	Q4 2018
VAN EVERY ISO 8	TRG002	Q4 2018
CREARERS LANE 1 ISO	TRG002	Q4 2018
BERRAMBOOL ISO 3	TRG002	Q4 2018
HOPKINS HILL ISO 5	TRG002	Q4 2018
CARAMUT NTH ISO 5	TRG002	Q4 2018
BARWIDGEE EAST 1A ISO	TRG002	Q4 2018
TOURAC ISO 1	TRG002	Q4 2018
GASPOWER P4 ISO	TRG002	Q4 2018
CAIRNLEA P27 ISO	TRG002	Q4 2018
ROCK GROVE P6 ISO	TRG002	Q4 2018
EWING P2 ISO	TRG002	Q4 2018
ELLERSLIE P55 ISO	TRG002	Q4 2018
MATS 7 ISO	TRG004	Q4 2018
MCCONNELLS RD 1 ISO	TRG004	Q4 2018
BRUCKNELL 1 ISO	TRG005	Q4 2018
KOOLONONG ISO 50	BBD014	Q1 2019
ARNOLD ISO 15	BET001	Q1 2019
DULLARD RD P1 ISO	ECA012	Q1 2019
STONECHURCH ISO 2	HSM003	Q1 2019
YELLANGIP 2 ISO	HSM003	Q1 2019
LAH EAST ISO 4	HSM003	Q1 2019
ROSEBERY EAST 3 ISO	HSM003	Q1 2019
HOPEVALE ISO 384	HSM003	Q1 2019
BEULAH WEST ISO 3	HSM003	Q1 2019
GLENORE ISO 4	HSM003	Q1 2019
LONGERENONG P7 ISO	HSM003	Q1 2019
AREEGRA ISO P1	HSM003	Q1 2019
AUBREY ISO	HSM003	Q1 2019
HOME CROFT ISO 30	HSM003	Q1 2019
BRIM ISO 23	HSM003	Q1 2019
GOLF HILL ISO 326	HSM003	Q1 2019
HOME CROFT P102 ISO	HSM003	Q1 2019
BURROIN 7 ISO	HSM003	Q1 2019
GALAQUIL EAST ISO 1	HSM003	Q1 2019

BRIM EAST ISO 3	HSM003	Q1 2019
ROSEDALE ISO 67	HSM003	Q1 2019
WERRIGAR ISO 15	HSM003	Q1 2019
BYRNEVILLE 2 ISO	HSM005	Q1 2019
KELLALAC EAST P3 ISO	HSM005	Q1 2019
WARRACKNABEAL P280 ISO	HSM005	Q1 2019
AILSA P10 ISO	HSM005	Q1 2019
KAPUNDA 4 ISO	HSM005	Q1 2019
SHEEP HILLS ISO 7	HSM005	Q1 2019
DOOEN NORTH P2 ISO	HSM005	Q1 2019
CANNUM P3 ISO	HSM005	Q1 2019
SEACH ISO 2	STN011	Q1 2019
KARRA SCHOOL ISO 1	STN011	Q1 2019
HOARE 4	STN024	Q1 2019
MONTI ISO 4	STN024	Q1 2019
GOOCHS LANE P59 ISO	WND013	Q1 2019