



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

Powercor S120P Annual Compliance Report

As at 30 April 2020

Document Information

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Approval

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Version History

Revision	Date	Comment
1.0	15 May 2020	Submission to CEO for approval
2.0		
3.0		

1 Works carried out during the reporting period

This section provides details of works carried out during the reporting period (1 May 2019 to 30 April 2020).

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

1.1.1 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	100%	20%
	Design complete	15/05/2018		
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	100%	25%
	Line works complete	8/10/2018		
Construction - Stations	Station works commenced	22/01/2018	100%	15%
	Station works complete	15/06/2019		
Construction - Third Party	Number of affected HV Customer Connections	0		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	26/09/2018	100%	10%
	REFCL commissioned and operable	30/09/2018		
Close Out	REFCL at "required capacity"	5/10/2018	100%	10%
Total weighted percentage complete			100%	

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

1.1.2 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	1/12/2018	100%	20%
	Design complete	16/05/2019		
Procurement	Number of REFCL units required	3		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	17/05/2019		
Construction - Lines	Line works commenced	1/03/2019	100%	25%
	Line works complete	20/03/2020		
Construction - Stations	Station works commenced	1/07/2019	100%	15%
	Station works complete	20/03/2020		
Construction - Third Party	Number of affected HV Customer Connections	9*		
	HV customer works commenced		N/A	N/A
	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			80%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.3 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	2/10/2018	100%	20%
	Design complete	19/12/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	15/05/2019		
Construction - Lines	Line works commenced	1/02/2019	100%	25%
	Line works complete	30/06/2019		
Construction - Stations	Station works commenced	31/01/2019	100%	15%
	Station works complete	17/11/2019		
Construction - Third Party	Number of affected HV Customer Connections	4*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	11/11/2019	100%	10%
	REFCL commissioned and operable	15/11/2019		
Close Out	REFCL at "required capacity"	18/03/2020	100%	10%
Total weighted percentage complete			100%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.4 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	1/06/2019	100%	20%
	Design complete	31/01/2020		
Procurement	Number of REFCL units required	3		
	REFCL order placed	1/10/2018	25%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced	2/01/2020	30%	25%
	Line works complete			
Construction - Stations	Station works commenced	17/03/2020	10%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	5*		
	HV customer works commenced		N/A	N/A
	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			38%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.5 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	1/10/2019	100%	20%
	Design complete	31/03/2020		
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	25%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced	1/03/2020	15%	25%
	Line works complete			
Construction - Stations	Station works commenced	1/04/2020	10%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	4*		
	HV customer works commenced		N/A	N/A
	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			34%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.6 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	1/06/2019	100%	20%
	Design complete	15/11/2019		
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	15/09/2019		
Construction - Lines	Line works commenced	1/07/2019	98%	25%
	Line works complete			
Construction - Stations	Station works commenced	18/11/2019	85%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced		N/A	N/A
	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			72%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.7 Geelong (GL) – exemption request submitted in relation to the establishment of Gheringhap ZSS. No works to take place at 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%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			5%	

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

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.8 Corio (CRO) – exemption request submitted in relation to the establishment of Gheringhap ZSS. No works to take place at GL

CRO REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced		0%	5%
	Business Case approval			
Design	Design commenced		0%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	N/A*		
	HV customer works commenced		N/A	N/A
	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			0%	

This zone substation is located at -38.094372, 144.369660 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.9 Ararat (ART)

ART REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2018	100%	5%
	Business Case approval	15/06/2019		
Design	Design commenced	25/03/19	100%	20%
	Design complete	5/07/2019		
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	15/05/2019		
Construction - Lines	Line works commenced	1/08/2019	100%	25%
	Line works complete	16/12/2019		
Construction - Stations	Station works commenced	1/07/2019	100%	15%
	Station works complete	22/11/2019		
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	2/12/2019	100%	10%
	REFCL commissioned and operable	16/12/2019		
Close Out	REFCL at "required capacity"	27/03/2020	100%	10%
Total weighted percentage complete			100%	

This zone substation is located at -37.26880637, 142.92448997 (latitude, longitude)

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.10 Terang (TRG)

TRG REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2018	100%	5%
	Business Case approval	13/12/2019		
Design	Design commenced	1/06/2019	50%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	13/09/2019		
Construction - Lines	Line works commenced	1/04/2020	10%	25%
	Line works complete			
Construction - Stations	Station works commenced	17/02/2020	15%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced		N/A	N/A
	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			35%	

This zone substation is located at -38.23764080, 142.92971224 (latitude, longitude)

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

1.1.11 Hamilton (HTN)

HTN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	2/02/2020	5%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			6%	

This zone substation is located at -37.754681, 142.008833 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.12 Koroit (KRT)

KRT REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	1/04/2020	15%	20%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			8%	

This zone substation is located at -38.315227, 142.430583 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.13 Merbein (MBN)

MBN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced		0%	20%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			5%	

This zone substation is located at -34.174709, 142.079499 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.14 Stawell (STL)

STL REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced		0%	20%
	Design complete			
Procurement	Number of REFCL units required	1		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			5%	

This zone substation is located at -37.059176, 142.752446 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

1.1.15 Waurm Ponds (WPD)

WPD REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	50%	5%
	Business Case approval			
Design	Design commenced		0%	20%
	Design complete			
Procurement	Number of REFCL units required	3		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	3*		
	HV customer works commenced		N/A	N/A
	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			3%	

This zone substation is located at -38.215601, 144.300452 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

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

Total HV Electric Line Volumes	At 1 May 2019	At 30 April 2020	Progress over Reporting Period
Bare conductor in ELCA	Route km	Route km	Route km
Polyphase	952.19	952.19	0
SWER	456.39	441.35	-15.04
Covered or underground conductor in ELCA	Route km	Route km	Route km
Polyphase	144.04	144.04	0
SWER	266.39	280.43	14.04

As at 30 April 2020, the percentage of total route kilometres of all bare conductors remaining in Electric Line Construction Areas is 70%.

The table below shows details of Electric Line Construction Area works completed during the reporting period (1 May 2019 to 30 April 2020).

Electric Line Construction Area	Feeder	Reason / Driver	Previous Construction			New Construction			Completion Date
			Construction	Phasing	Length (Route km)	Construction	Phasing	Length (Route km)	
LEGL./16-210	WND011	Proactive replacement/direction	Bare Conductor	SWER	6.67	Underground Cable	SWER	6.74	14/11/2019
LEGL./16-210	WND011	Proactive replacement/direction	Bare Conductor	SWER	8.37	Underground Cable	SWER	7.30	20/12/2019

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

Over the reporting period Powercor has installed 317 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
ROBSON SWER P1 ISO	SHL001	7/05/2019
ANNUELLO ROAD P3 ISO	WMN021	8/05/2019
BALLARAT RD P392A SWER ACR FS	HTN005	13/05/2019
CHISHOLM P1 SWER ACR FS LOAD	SHL001	13/05/2019
TARRAYOUKAN P46 SWER ACR FS	CHM011	14/05/2019
CHETWYND P88 SWER ACR FS	CHM011	16/05/2019
GLARE P7 SWER ACR FS	KRT013	17/05/2019
WEWIN P2 SWER ACR FS	SHL001	17/05/2019
WANWIN P3 SWER ACR FS	PLD003	27/05/2019
TUITE P121 SWER ACR FS	PLD003	28/05/2019
AMOR P3A SWER ACR FS	PLD003	30/05/2019
CHERITTA P9A SWER ACR FS	HTN002	30/05/2019
BENAYEO EAST P2 ACR	CHM011	17/06/2019
KIANYA P3 SWER ACR FS	CHM011	17/06/2019
POWERS CREEK P33 SWER ACR FS	CHM011	17/06/2019
LANNIN P1 SWER ACR FS	NHL031	3/07/2019
LANDSBOROUGH P307 SWER ACR FS	STL007	20/06/2019
FORDS ROAD P46 SWER ACR FS	COB011	15/07/2019
BOORINGA RD P1 SWER ACR FS	COB011	15/07/2019
WANDO VALE P32 SWER ACR FS	HTN006	15/07/2019
PATTERWILL P1 SWER ACR FS	NKA006	16/07/2019
GOLDBY P10 SWER ACR FS	PLD003	17/07/2019
GLENDALE P1 SWER ACR FS	CDN001	17/07/2019
MORKALLA NTH P1 SWER ACR FS	RCT023	17/07/2019
BULLAWIN P5 SWER ACR FS	HTN005	17/07/2019
VICTORIA VALLEY P221 SWER ACR FS	HTN005	17/07/2019
MOSQUITO CREEK P1 SWER ACR FS	BET005	17/07/2019
NOSS P7 SWER ACR FS	HTN006	17/07/2019
NIGRETTA SOUTH P3 SWER ACR FS	PLD003	18/07/2019

WARROCK ESTATE P4A SWER ACR FS	HTN002	18/07/2019
BEAUCHAMP P24 SWER ACR FS	KGT004	18/06/2019
ELDERSLIE P16 SWER ACR FS	CHM011	5/07/2019
DARTMOOR P53 SWER ACR FS	PLD003	19/06/2019
GOSCHEN P82 SWER ACR FS	SHL001	20/06/2019
KIEFELL P14 SWER ACR FS	NKA004	19/07/2019
BOOROOPI NORTH P5 SWER ACR FS	HSM004	19/07/2019
MINIMAY P7 SWER ACR FS	HSM004	19/07/2019
MCNEILLY P1 SWER ACR FS	PLD006	22/07/2019
DERGHOLM P251 SWER ACR FS	HTN002	22/07/2019
ST EVINS P2 SWER ACR FS	HSM004	23/07/2019
MILLTOWN SOUTH P24 SWER ACR FS	HYT001	24/07/2019
YOUNGS P1 SWER ACR FS	HTN003	29/07/2019
MAIDEN GULLY P20 SWER ACR FS	BET001	30/07/2019
TGTS-KRT No 2 P171 SWER ACR FS	TRG002	30/07/2019
BEULAH EAST P2 SWER ACR FS	HSM003	31/07/2019
HEMOCROFT WEST P3 SWER ACR FS	HSM003	31/07/2019
FOGARTYS GAP P1 ISO2 SWER ACR FS	CMN004	31/07/2019
CROWES HILL P5 SWER ACR FS	PLD001	1/08/2019
LANGKOOP P200 SWER ACR FS	CHM011	1/08/2019
NAREEN WEST P1A SWER ACR FS	HTN006	5/08/2019
TARRAGAL P2 SWER ACR FS	PLD006	6/08/2019
LORQUON P78 SWER ACR FS	NHL015	6/08/2019
NAREEN P145 SWER ACR FS	HTN006	6/08/2019
MERINGUR STH P1 SWER ACR FS	RCT023	7/08/2019
BEAZLEYS BRIDGE P41 SWER ACR FS	CTN006	7/08/2019
NIRLANE P5 SWER ACR FS	WBL012	7/08/2019
JAYGAPES P1 SWER ACR FS	KRT012	12/08/2019
MCLARTY P2A SWER ACR	PLD001	15/08/2019
COHUNA WEST P1 SWER ACR	CHA006	16/08/2019
BIRCHIP P648 SWER ACR	CTN001	21/08/2019
FALLS P11A SWER ACR	EHK024	23/08/2019
BORUNG P108 SWER ACR FS	CTN001	23/08/2019
BOLAND ROAD P29 SWER ACR FS	OYN003	27/08/2019
NEVER NEVER P2 SWER ACR	PLD003	27/08/2019
MT CLAY P44 SWER ACR	PLD001	27/08/2019
BROADWATER P9 SWER ACR FS	KRT013	27/08/2019

BROOM HILL P1A SWER ACR	MRO005	28/08/2019
KULWIN P224 SWER ACR FS	OYN003	29/08/2019
CHIPRICK P1 SWER ACR FS	OYN005	2/09/2019
CHARLEVA P35 SWER ACR FS	OYN005	3/09/2019
MONAGHAN P1A SWER ACR	OYN005	4/09/2019
HOPETOUN P174 SWER ACR FS	OYN005	5/09/2019
MOUNTAIN VIEW P1 SWER ACR	OYN005	5/09/2019
GALAH SOUTH P2A SWER ACR FS	OYN001	9/09/2019
NEVILLES LANE P10A SWER ACR	HTN001	9/09/2019
DUSTING P14 SWER ACR FS	CMN001	9/09/2019
DANYO NORTH P3 SWER ACR	OYN001	10/09/2019
ARDACHY P2A SWER ACR	HTN002	10/09/2019
BELLBIRD P57 SWER ACR FS	OYN001	11/09/2019
VALLEY VIEW RD P5 SWER AC	COB011	11/09/2019
KANAWINKA RIDGE P1 SWER ACR	HTN002	11/09/2019
METZKE P1 SWER ACR FS	STN011	11/09/2019
MANYA P2 SWER ACR FS	OYN001	12/09/2019
AMOS P2 SWER ACR	PLD006	12/09/2019
COLLIE P3A SWER ACR	HTN002	12/09/2019
TYALLA P54 SWER ACR FS	OYN001	13/09/2019
MEAD NORTH P1 SWER ACR	CHA006	13/09/2019
LAKE HINDMARSH P1 SWER ACR FS	NHL016	13/09/2019
CADDYS-ODONNELL P1 SWER ACR FS	WND024	13/09/2019
NYARRIN P1 SWER ACR FS	OYN005	16/09/2019
MESSENGER P6 SWER ACR FS	WMN021	16/09/2019
WATCHUPGA NTH P6 SWER ACR	OYN005	17/09/2019
MACQUARIE BANKS P62 SWER ACR FS	WMN014	17/09/2019
WILLANGIE SOUTH P42A SWER ACR FS	OYN005	18/09/2019
NATYA P29 SWER ACR FS	BBD014	18/09/2019
CHANTERS LA SWP12 SWER ACR FS	WND024	18/09/2019
COLBINABBIN RD P40A SWER ACR FS	SHP014	18/09/2019
PATCHEWOLLOCK NTH P4A SWER ACR FS	OYN005	19/09/2019
YARRABY P2 SWER ACR FS	SHL002	19/09/2019
EAST TYLDEN P22 SWER ACR FS	WND024	19/09/2019
KAMAROOKA P61 SWER ACR	EHK024	20/09/2019
KENTISH P25 SWER ACR	SHL002	20/09/2019
NYRRABY P6 SWER ACR FS	SHL002	20/09/2019

TEEVEE P12 SWER ACR FS	SHL001	22/09/2019
NEWMINSTER P33 SWER ACR FS	CDN006	24/09/2019
CHILLINGOLLAH P119A ACR	SHL001	24/09/2019
STIRLING P16 SWER ACR	CHA006	25/09/2019
MILLTOWN SOUTH P16A SWER ACR	HYT011	25/09/2019
CONWAY P1A SWER ACR FS	SHL001	25/09/2019
HEYLOT P1 SWER ACR FS	TRG003	25/09/2019
RIFLE BUTTS P2 SWER ACR FS	WIN011	25/09/2019
GOWANFORD P19 ACR	SHL001	26/09/2019
BLOWHOLES RD P3 SWER ACR	PLD006	30/09/2019
THURLOW P1 SWER ACR	RCT022	30/09/2019
REDBANK NORTH P9 SWER ACR	MRO005	1/10/2019
POOLEY BRIDGE P1 SWER ACR FS	STN021	1/10/2019
BUSHY RISE P1 SWER ACR	MRO005	2/10/2019
MALLEE WEST P1 SWER ACR	OYN005	2/10/2019
SEA LAKE P371 SWER ACR FS	OYN005	3/10/2019
CALM DOWNS P7 SWER ACR	EHK024	4/10/2019
REMLAW P4 SWER ACR	HSM006	7/10/2019
PEARCE FIRMAID P19 SWER ACR FS	STN021	7/10/2019
HOTS-STL2 P97 SWER ACR	HSM001	8/10/2019
KRT-PLD No2 YWF P66 SWER ACRFS	KRT013	9/10/2019
THA-ONA P2 SWER ACR	CHM011	10/10/2019
WERRIGAR NORTH P5A SWER ACR	HSM003	10/10/2019
PURCELL P2A SWER ACR	KRT013	10/10/2019
NIHILL P7 SWER ACR FS	MNA014	10/10/2019
OUYEN EAST P3 ACR	OYN003	10/10/2019
ANDERS P13 SWER ACR	TRG004	10/10/2019
BRUSHFIELD P25 SWER ACR	TRG005	10/10/2019
PAARATTE P15 SWER ACR	TRG005	10/10/2019
VAN DER P1 SWER ACR	BET004	11/10/2019
WANGOOM RD P23 SWER ACR	WBL005	11/10/2019
CHILDERS COVE P2 SWER ACR	WBL012	14/10/2019
CURAND P1 SWER ACR	TRG005	15/10/2019
HURLEYS LANE P3 SWER ACR	KRT012	15/10/2019
BRAYBON P60 SWER ACR FS	SHN024	15/10/2019
GAMA EAST P4A SWER ACR FS	OYN005	17/10/2019
FIMMELL P2 SWER ACR	ECA012	17/10/2019

BARR P2 SWER ACR	PLD001	18/10/2019
TOWNSEND P2A SWER ACR	KRT013	18/10/2019
PEARCE P7 SWER ACR	BAN011	18/10/2019
MCCABE P7 SWER ACR	CHM011	21/10/2019
PETERBOROUGH P23 SWER ACR	TRG005	21/10/2019
WHISKEY CREEK RD P5 SWER ACR	WBL012	21/10/2019
BRAESIDE P1A SWER ACR	CDN006	22/10/2019
HOTSPUR WEST P3 SWER ACR	HTN002	23/10/2019
MT MELVILLE P2 SWER ACR	HTN004	24/10/2019
CARCOOLA P1 SWER ACR	HTN002	24/10/2019
PETERBOROUGH P186 SWER ACR	TRG005	25/10/2019
GOROKE SOUTH P1 SWER ACR	HSM004	25/10/2019
WIDGIE ISO SYSTEM SW P1 ACR FS	CMN003	25/10/2019
KIRBY P3 SWER ACR	BAN011	25/10/2019
BONOLLO P2 SWER ACR	STL005	28/10/2019
ROSEMOUNT RD P7 SWER ACR	KRT013	28/10/2019
COLBINABBIN WEST P50 SWER ACR	SHP021	28/10/2019
BALROOTAN P6 SWER ACR	NHL015	29/10/2019
STEPHENSON RD P2 SWER ACR FS	WIN012	29/10/2019
MATSPENCE P10 SWER ACR	WBL012	29/10/2019
MEPUNGA P195 SWER ACR	WBL012	29/10/2019
DETPA SOUTH P3 SWER ACR	NHL016	30/10/2019
SYMES SPUR P6B SWER ACR FS	WIN012	30/10/2019
DANEDITE P16 SWER ACR FS	CDN002	30/10/2019
GLENWOOD P6 SWER ACR FS	SHP012	30/10/2019
MCCOMBE P2 SWER ACR	HTN002	31/10/2019
DEVON P1A SWER ACR	HTN004	1/11/2019
GEECOUCH P5 SWER ACR FS	WBL012	1/11/2019
CASTLES P3A SWER ACR	CDN002	2/11/2019
SHEEPWASH LAKE P6 SWER ACR	CDN006	3/11/2019
SPRINGHILL-PARADISE P6 SWER ACR FS	WND024	3/11/2019
BOSS P1 SWER ACR	BET004	11/10/2019
BERGS LANE SWP2 SWER ACR FS	WND024	4/11/2019
KNAWING P2A SWER ACR FS	HSM001	4/11/2019
MURTOA NORTH P12 SWER ACR FS	HSM001	4/11/2019
ROTHES-HUTTONS P2 SWER ACR FS	WND024	5/11/2019
MARSHMANS RD P1 SWER ACR FS	WIN012	6/11/2019

GLYNDON PARK P9 SWER ACR	MNA014	6/11/2019
GLENHEARD P19 SWER ACR	HTN005	7/11/2019
FOGARTYS GAP P9 SWER ACR FS	CMN003	7/11/2019
PURGORE P5 SWER ACR	WBL005	7/11/2019
SATIMER P1 SWER ACR FS	HTN006	7/11/2019
WONGAN P1 SWER ACR FS	BAS011	7/11/2019
WURDALE RD P5E SWER ACR FS	WIN012	8/11/2019
ANGELINO P10 SWER ACR	PLD001	10/11/2019
FERN HILL P8 SWER ACR FS	WND024	10/11/2019
BUCKS RD P29 SWER ACR	COB011	11/11/2019
ABBEY HILLS P36 SWER ACR	HTN003	11/11/2019
SUTTON P8A SWER ACR FS	SHP011	11/11/2019
MEPUNGA P120 SWER ACR	WBL012	11/11/2019
COLERAINE P99 SWER ACR FS	HTN006	12/11/2019
KOONIK P17 SWER ACR FS	HSM004	12/11/2019
RESERVOIR P1A SWER ACR	BAN011	12/11/2019
NORTH MUCKLEFORD P30 SWER ACR FS	CMN004	12/11/2019
HUTCHINSON P1 SWER ACR	PLD006	13/11/2019
PURA PURA P108 SWER ACR	CDN006	13/11/2019
WATERBOARD P16 SWER ACR	HTN004	13/11/2019
CHAMPNESS P3A SWER ACR	NHL031	13/11/2019
FOGARTYS GAP WEST P2 ACR FS	CMN003	13/11/2019
NANKERVIS P15A SWER ACR	BAS022	13/11/2019
Single Phase Extension (Formerly PANMURE RD ISO 25)	TRG005	13/11/2019
BENARA P1A SWER ACR	PLD003	14/11/2019
WIRIDJIL-BVD P99A SWER ACR FS	COB011	14/11/2019
KURNWILL P1 SWER ACR FS	RCT023	14/11/2019
ALDERSON P82 SWER ACR	MBN031	14/11/2019
BALLARAT TIE P10 SWER ACR	HTN005	14/11/2019
MITCHELL P9A SWER ACR	BAS011	14/11/2019
DRUNG SOUTH P1 SWER ACR	HSM001	15/11/2019
DANCE P1 SWER ACR	WBL012	15/11/2019
HOLMBERG P1 SWER ACR	WBL012	15/11/2019
BOOTH P2 SWER ACR	BAS022	15/11/2019
MALCOLM P2 SWER ACR	PLD003	18/11/2019
CONWAY P1A SWER ACR FS	SHL001	18/11/2019

LIMEKILN P1 SWER ACR	HSM004	18/11/2019
DUNLUCE P38 SWER ACR	MRO005	18/11/2019
CASHMORE P2A SWER ACR FS	PLD003	20/11/2019
DINNICK P3 SWER ACR FS	PLD001	20/11/2019
MELROSE ROAD STH P17A SWER ACR	COB011	20/11/2019
QUAMBY EAST P21 SWER ACR	KRT012	20/11/2019
KILDEAN P1 SWER ACR FS	WIN011	20/11/2019
SNAKELINT P25A SWER ACR	BAS011	20/11/2019
SWEENEY P1A SWER ACR	CDN006	22/11/2019
TAYLOR P13 SWER ACR	TRG005	22/11/2019
ANZAC P2 SWER ACR	GSB014	24/11/2019
POLKEMMET BRIDGE P7 SWER ACR	HSM004	25/11/2019
PASCALLS LANE P4 SWER ACR	WND013	26/11/2019
WIN-MGW P124 SWER ACR FS	WIN011	26/11/2019
EASTERN CREEK RD P19 SWER ACR FS	TRG003	27/11/2019
STUART MILL SOUTH P3 SWER ACR	MRO005	27/11/2019
LOGAN P1A SWER ACR	PLD006	28/11/2019
LISTON LEE P1 SWER ACR FS	CDN004	28/11/2019
PLOZZA P16 SWER ACR	HSM004	28/11/2019
BAGG P24A SWER ACR	TRG003	28/11/2019
SCANLON P3 SWER ACR	TRG003	28/11/2019
WAARRE EAST P23 SWER ACR	TRG003	28/11/2019
MERINO P87A SWER ACR FS	HTN002	28/11/2019
SPRINGHILL TOWN P2 SWER ACR FS	WND024	28/11/2019
WANDO VALE P35 SWER ACR FS	HTN006	29/11/2019
EASTERN CREEK RD P38 SWER ACR	TRG003	29/11/2019
WHATELEY P1 SWER ACR	BAS021	29/11/2019
MUCKLEFORD-LEWIS P2 SWER ACR FS	CMN004	29/11/2019
COLWELLS RD P24 SWER ACR	WND013	1/12/2019
BISH P2 SWER ACR	HTN003	2/12/2019
INGLEBY EAST P1 SWER ACR FS	WIN011	2/12/2019
HOREFIELD P5 SWER ACR	CHA006	2/12/2019
PERENNA P42 SWER ACR FS	NHL016	3/12/2019
RODDA P14 ISO SWER ACR	TRG005	3/12/2019
KOCH-DALE P1A SWER ACR	HTN006	3/12/2019
LAKE LINLITHGOW P1A SWER ACR	HTN003	4/12/2019
GLENBURGER P2 SWER ACR	HTN005	5/12/2019

FOSTERS LANE P14 SWER ACR	TRG002	5/12/2019
Single Phase Extension (Formerly PEITSCH P14 ISO)	STL005	6/12/2019
MERRETTS ROAD P12 SWER ACR	TRG003	9/12/2019
WALBURG P2 SWER ACR	TRG003	9/12/2019
ORFORD SOUTH P1 SWER ACR FS	KRT013	9/12/2019
HILL P18A SWER ACR	MNA034	9/12/2019
COB-WSD P161 SWER ACR	TRG003	10/12/2019
NESS P1 SWER ACR	HTN002	10/12/2019
COORIEMUNGLE RD P69 SWER ACR	COB011	11/12/2019
CORRY P7 SWER ACR	NKA002	11/12/2019
BROOKES P3A SWER ACR	TRG003	11/12/2019
BOYLE P1 SWER ACR	WBL012	11/12/2019
SHADWELL P4 SWER ACR	TRG002	11/12/2019
SMIT P1A SWER ACR	COB011	12/12/2019
SHRIMPSTON P1A SWER ACR	TRG003	12/12/2019
NIRLUDE P6A ISO	WBL012	12/12/2019
CHADWICK P1 SWER ACR	WBL002	12/12/2019
BINNORIE P6A SWER ACR FS	HTN002	13/12/2019
MARA P8 SWER ACR	TRG002	13/12/2019
LABAN P1 SWER ACR	TRG003	13/12/2019
MURRRRABIT P38B SWER ACR	KGT003	13/12/2019
METHVEN P1 SWER ACR	COB011	14/12/2019
TELANGATUK EAST P81 SWER ACR FS	HSM002	15/12/2019
MACCULLOCK P7 SWER ACR	WBL012	15/12/2019
WHITEHOUSE P2 SWER ACR	WBL012	15/12/2019
MCLEOD P11 SWER ACR FS	BET005	16/12/2019
POSAL P1 SWER ACR	TRG003	16/12/2019
KENNEDYS CREEK P144A SWER ACR	CDN001	16/12/2019
MALLEE WEST P1 SWER ACR	OYN005	17/12/2019
GLENFYNE EAST P19 SWER ACR	TRG003	17/12/2019
WOOMELANG NTH P185 SWER ACR FS	OYN005	18/12/2019
MASLIN P9 SWER ACR	TRG003	18/12/2019
RAWILL P1 SWER ACR	TRG003	18/12/2019
TOOBORAC RD P2A SWER ACR	WND013	18/12/2019
HEYKENDRICK P26A SWER ACR	COB011	19/12/2019
CHILLINGOLAH P119A SWER ACR	SHL001	19/12/2019
LAHARUM HALL ISO 163	HSM001	19/12/2019

TIMSUL P6 SWER ACR	TRG003	19/12/2019
GULLIVER P2 SWER ACR	CDN002	19/12/2019
UNDERA P16 SWER ACR	KYM003	19/12/2019
UNDERWOODS LANE P15 SWER ACR	CLC004	20/12/2019
NIBLETT P1 SWER ACR	CDN002	20/12/2019
GORKOR P1 SWER ACR	WBL012	6/01/2020
LUCAS P31A SWER ACR	CDN002	8/01/2020
ROBB P6A SWER ACR FS	CDN001	9/01/2020
EASTROSS P33 SWER ACR	BAS022	9/01/2020
EEYUC P1 SWER ACR	TRG002	13/01/2020
JACKA P7 SWER ACR	CDN002	14/01/2020
WOODBURN P15 SWER ACR FS	KRT013	16/01/2020
YAMBUK P215 SWER ACR FS	KRT013	29/01/2020
WILBY 73A SWER ACR	CME016	29/01/2020
SHTS KYM 2 P95A SWER ACR	MNA014	6/02/2020
MCCONNELLS RD P1 SWER ACR	TRG004	7/02/2020
CHILLINGOLLAH P183 ACR	SHL001	11/02/2020
CRANLEIGH P1 SWER ACR	PLD003	14/02/2020
COLFITZ SOUTH P1 SWER ACR	HTN006	14/02/2020
WOLLERMANN P1 SWER ACR	PLD001	20/02/2020
PORTLAND SOUTH P34 SWER ACR	PLD006	20/02/2020
KENNA P12 SWER ACR	TRG004	26/02/2020
BESSIEBELLE P76 ISO	KRT013	3/03/2020
MUSTONS CREEK P2A SWER ACR	TRG002	4/03/2020
FYANS-LUCAS P2 SWER ACR	CDN006	10/03/2020
SANDYS LANE P6 SWER ACR	CDN006	12/03/2020
HARROW P64 SWER ACR FS	HSM004	12/03/2020
CORAM P19 SWER ACR	CDN006	17/03/2020
BRIDGEWATER P27 SWER ACR	PLD006	28/04/2020
PURRUM SCHOOL P1 SWER ACR	CDN001	29/04/2020

2 Plans of work 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 2020 to 30 April 2021).

Percentage Complete is the forecast percentage complete as at 30 April 2021.

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

2.1.1 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	100%	15%
	Design complete	29/07/2018		
Procurement	Number of REFCL units required	1		
	REFCL order placed	24/03/2017	100%	10%
	REFCL delivered to site	13/07/2018		
Construction - Lines	Line works commenced	24/06/2017	100%	20%
	Line works complete	14/10/2018		
Construction - Stations	Station works commenced	30/05/2017	100%	15%
	Station works complete	12/09/2018		
Construction - Third Party	Number of affected HV Customer Connections	4		
	HV customer works commenced	7/02/2018	100%	20%
	HV customer works complete	30/11/2020		
Testing / Commissioning	REFCL testing / commissioning commenced	13/09/2018	100%	10%
	REFCL commissioned and operable	11/10/2018		
Close Out	REFCL at "required capacity"	19/10/2018	100%	5%
Total weighted percentage complete			100%	

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

2.1.2 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	100%	15%
	Design complete	17/10/2018		
Procurement	Number of REFCL units required	2		
	REFCL order placed	24/03/2017	100%	10%
	REFCL delivered to site	3/07/2018		
Construction - Lines	Line works commenced	12/04/2017	100%	20%
	Line works complete	15/02/2019		
Construction - Stations	Station works commenced	15/09/2018	100%	15%
	Station works complete	15/02/2019		
Construction - Third Party	Number of affected HV Customer Connections	6		
	HV customer works commenced	15/10/2019	100%	20%
	HV customer works complete	31/01/2019		
Testing / Commissioning	REFCL testing / commissioning commenced	31/03/2019	100%	10%
	REFCL commissioned and operable	31/03/2019		
Close Out	REFCL at "required capacity"	18/05/2020	100%	5%
Total weighted percentage complete			100%	

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

2.1.3 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	1/12/2018	100%	20%
	Design complete	16/05/2019		
Procurement	Number of REFCL units required	3		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	17/05/2019		
Construction - Lines	Line works commenced	1/03/2019	100%	25%
	Line works complete	31/05/2020		
Construction - Stations	Station works commenced	1/05/2019	100%	15%
	Station works complete	19/12/2019		
Construction - Third Party	Number of affected HV Customer Connections	9*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/06/2020	100%	10%
	REFCL commissioned and operable	17/07/2020		
Close Out	REFCL at "required capacity"	20/11/2020	100%	10%
Total weighted percentage complete			100%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

2.1.4 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	1/06/2019	100%	20%
	Design complete	31/12/2019		
Procurement	Number of REFCL units required	3		
	REFCL order placed	1/10/2019	100%	15%
	REFCL delivered to site	30/01/2020		
Construction - Lines	Line works commenced	2/01/2020	100%	25%
	Line works complete	14/08/2020		
Construction - Stations	Station works commenced	17/03/2020	100%	15%
	Station works complete	14/08/2020		
Construction - Third Party	Number of affected HV Customer Connections	5*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	31/08/2020	100%	10%
	REFCL commissioned and operable	16/10/2020		
Close Out	REFCL at "required capacity"	13/11/2020	100%	10%
Total weighted percentage complete			100%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

2.1.5 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	1/09/2019	100%	20%
	Design complete	31/03/2020		
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	7/07/2020		
Construction - Lines	Line works commenced	1/03/2020	100%	25%
	Line works complete	13/10/2020		
Construction - Stations	Station works commenced	1/04/2020	100%	15%
	Station works complete	13/10/2020		
Construction - Third Party	Number of affected HV Customer Connections	4*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	27/10/2020	100%	10%
	REFCL commissioned and operable	6/11/2020		
Close Out	REFCL at "required capacity"	27/11/2020	100%	10%
Total weighted percentage complete			100%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

2.1.6 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	1/06/2019	100%	20%
	Design complete	15/11/2019		
Procurement	Number of REFCL units required	2		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	15/09/2019		
Construction - Lines	Line works commenced	1/07/2019	100%	25%
	Line works complete	15/06/2020		
Construction - Stations	Station works commenced	18/11/2019	100%	15%
	Station works complete	15/06/2020		
Construction - Third Party	Number of affected HV Customer Connections	3*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	16/06/2020	100%	10%
	REFCL commissioned and operable	3/07/2020		
Close Out	REFCL at "required capacity"	31/07/2020	100%	10%
Total weighted percentage complete			100%	

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

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

2.1.7 Geelong (GL) – exemption request submitted in relation to the establishment of Gheringhap ZSS. No works to take place at 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		0%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	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		N/A	N/A
	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			5%	

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

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.8 Corio (CRO) – exemption request submitted in relation to the establishment of Gheringhap ZSS. No works to take place at GL

CRO REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced		0%	5%
	Business Case approval			
Design	Design commenced		0%	20%
	Design complete			
Procurement	Number of REFCL units required	2		
	REFCL order placed		0%	15%
	REFCL delivered to site			
Construction - Lines	Line works commenced		0%	25%
	Line works complete			
Construction - Stations	Station works commenced		0%	15%
	Station works complete			
Construction - Third Party	Number of affected HV Customer Connections	N/A*		
	HV customer works commenced		N/A	N/A
	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			0%	

This zone substation is located at -38.094372, 144.369660 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.9 Terang (TRG)

TRG REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/05/2018	100%	5%
	Business Case approval	13/12/2019		
Design	Design commenced	1/06/2019	100%	20%
	Design complete	30/06/2020		
Procurement	Number of REFCL units required	1		
	REFCL order placed	1/10/2018	100%	15%
	REFCL delivered to site	13/09/2019		
Construction - Lines	Line works commenced	1/02/2020	100%	25%
	Line works complete	2/11/2020		
Construction - Stations	Station works commenced	17/02/2020	100%	15%
	Station works complete	31/01/2021		
Construction - Third Party	Number of affected HV Customer Connections	4*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/02/2021	100%	10%
	REFCL commissioned and operable	14/02/2021		
Close Out	REFCL at "required capacity"	1/03/2021	100%	10%
Total weighted percentage complete			100%	

This zone substation is located at -38.23764080, 142.92971492 (latitude, longitude)

*Being a Tranche 2 site, HV customers are to ensure their assets are REFCL ready

2.1.10 Hamilton (HTN)

HTN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	2/02/2020	100%	20%
	Design complete	31/12/2020		
Procurement	Number of REFCL units required	2		
	REFCL order placed	7/05/2020	100%	15%
	REFCL delivered to site	3/11/2020		
Construction - Lines	Line works commenced	1/02/2021	50%	25%
	Line works complete	30/08/2021		
Construction - Stations	Station works commenced	1/02/2021	50%	15%
	Station works complete	30/10/2021		
Construction - Third Party	Number of affected HV Customer Connections	1*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/11/2021	0%	10%
	REFCL commissioned and operable	18/12/2021		
Close Out	REFCL at "required capacity"	30/03/2022	0%	10%
Total weighted percentage complete			60%	

This zone substation is located at -37.754681, 142.008833 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.11 Koroit (KRT)

KRT REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	1/04/2020	100%	20%
	Design complete	31/07/2020		
Procurement	Number of REFCL units required	1		
	REFCL order placed	7/05/2020	100%	15%
	REFCL delivered to site	3/11/2020		
Construction - Lines	Line works commenced	1/09/2020	100%	25%
	Line works complete	18/12/2020		
Construction - Stations	Station works commenced	1/09/2020	100%	15%
	Station works complete	18/12/2020		
Construction - Third Party	Number of affected HV Customer Connections	1*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/02/2021	100%	10%
	REFCL commissioned and operable	14/02/2021		
Close Out	REFCL at "required capacity"	1/03/2021	100%	10%
Total weighted percentage complete			100%	

This zone substation is located at -38.315227, 142.430583 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.12 Merbein (MBN)

MBN REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	1/06/2020	50%	20%
	Design complete	18/12/2021		
Procurement	Number of REFCL units required	1		
	REFCL order placed	1/05/2020	100%	15%
	REFCL delivered to site	6/04/2021		
Construction - Lines	Line works commenced	1/03/2021	5%	25%
	Line works complete	30/07/2021		
Construction - Stations	Station works commenced	1/03/2021	5%	15%
	Station works complete	30/09/2021		
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/10/2021	0%	10%
	REFCL commissioned and operable	30/11/2021		
Close Out	REFCL at "required capacity"	1/07/2022	0%	10%
Total weighted percentage complete			32%	

This zone substation is located at -34.174709, 142.079499 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.13 Stawell (STL)

STL REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	1/05/2020	100%	20%
	Design complete	30/11/2020		
Procurement	Number of REFCL units required	1		
	REFCL order placed	1/05/2020	100%	15%
	REFCL delivered to site	6/04/2021		
Construction - Lines	Line works commenced	1/02/2021	70%	25%
	Line works complete	30/05/2021		
Construction - Stations	Station works commenced	1/02/2021	30%	15%
	Station works complete	18/12/2021		
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/03/2022	0%	10%
	REFCL commissioned and operable	31/03/2022		
Close Out	REFCL at "required capacity"	30/04/2022	0%	10%
Total weighted percentage complete			62%	

This zone substation is located at -37.059176, 142.752446 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

2.1.14 Waurm Ponds (WPD)

WPD REFCL Project Activities		Forecast Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	9/09/2020		
Design	Design commenced	2/01/2021	40%	20%
	Design complete	30/08/2021		
Procurement	Number of REFCL units required	3		
	REFCL order placed	1/06/2020	100%	15%
	REFCL delivered to site	8/02/2021		
Construction - Lines	Line works commenced	1/08/2021	0%	25%
	Line works complete	30/08/2022		
Construction - Stations	Station works commenced	1/08/2021	0%	15%
	Station works complete	30/08/2022		
Construction - Third Party	Number of affected HV Customer Connections	3*		
	HV customer works commenced		N/A	N/A
	HV customer works complete			
Testing / Commissioning	REFCL testing / commissioning commenced	1/11/2022	0%	10%
	REFCL commissioned and operable	30/11/2022		
Close Out	REFCL at "required capacity"	15/12/2022	0%	10%
Total weighted percentage complete			28%	

This zone substation is located at -38.215601, 144.300452 (latitude, longitude)

*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready

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

The table below forecasts the change in ELCA volumes during the next reporting period (1 May 2020 to 30 April 2021).

Total HV Electric Line Volumes	At 1 May 2020	At 30 April 2021	Progress over Reporting Period
Bare conductor in ELCA	Route km	Route km	Route km
Polyphase	952.19	952.19	0
SWER	441.35	360.45	-80.90
Covered or underground conductor in ELCA	Route km	Route km	Route km
Polyphase	144.04	144.04	0
SWER	280.43	361.33	80.90

By 30 April 2021, the planned percentage of total route kilometres of all bare conductors remaining in Electric Line Construction Areas is forecast to be 61%.

The table below shows details of planned Electric Line Construction Area works during the next reporting period (1 May 2020 to 30 April 2021).

Electric Line Construction Area	Feeder	Reason / Driver	Current Construction			Future Construction	
			Construction	Phasing	Length (Route km)	Construction	Phasing
LEGL./16-206	BET004	Proactive replacement/direction	Bare Conductor	SWER	6.9	Underground Cable	SWER
LEGL./16-201	EHK024	Proactive replacement/direction	Bare Conductor	SWER	24	Underground Cable	SWER
LEGL./16-201	EHK024	Proactive replacement/direction	Bare Conductor	SWER	33	Covered Conductor	SWER
LEGL./16-199	WIN022	Proactive replacement/direction	Bare Conductor	SWER	17	Covered Conductor	SWER

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

For the next reporting period Powercor plans to install 2 Automatic Circuit Reclosers (ACR) in relation to Single Wire Earth Return (SWER) lines. Details are provided in the following table.

ACR NAME	FEEDER	PLANNED COMPLETION DATE
HESKET RD TIE P78	WND012	Q2 2020
ALLENSVALE ISO 3	CLC014	Q3 2020