



# Report


## Powercor S120P Annual Compliance Report

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## Purpose

As part of the Electrical Safety Amendment (Bushfire Mitigation Civil Penalties Scheme) Bill, this report provides information regarding the status of the REFCL and Electric Line Construction Areas (ELCA) programs for the reporting period, 1 May 2022 to 30 April 2023. This report also summarises works planned in the next reporting period, 1 May 2023 to 30 April 2024.

# Report 2022-2023

## 1.1 Works carried out during the reporting period

This section provides details of works carried out during the reporting period , 1 May 2022 to 30 April 2023.

### 1.1.1 REFCL program status [S120P(1)(a)(i)]

#### 1.1.1.1 Stawell (STL)

STL REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	11/12/2019		
Design	Design commenced	01/06/2020	100%	20%
	Design complete	24/12/2020		
Procurement	Number of REFCL units required	1		
	REFCL order placed	20/05/2020	100%	15%
	REFCL delivered to site	01/03/2021		
Construction - Lines	Line works commenced	15/03/2021	100%	25%
	Line works complete			
Construction - Stations	Station works commenced	12/02/2021	100%	15%
	Station works complete	30/06/2021		
Construction - Third Party	Number of affected HV Customer Connections	2*		
	HV customer works commenced	*	100%	0%
	HV customer works complete	30/06/2021		
Testing / Commissioning	REFCL testing / commissioning commenced	08/07/2021	100%	10%
	REFCL commissioned and operable	02/08/2021		
Close Out	REFCL at "required capacity"	20/10/2021	100%	10%
<b>Total weighted percentage complete</b>			100%	
<p><b>This zone substation is located at -37.059176, 142.752446 (latitude, longitude)</b>  <b>*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready. Commencement date of customer-side works is not known.</b></p>				

Table 1: Stawell (STL) REFCL

### 1.1.1.2 Gheringhap (GHP)

GHP REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	31/05/2020		
Design	Design commenced	1/03/2021	100%	20%
	Design complete	23/02/2022		
Procurement	Number of REFCL units required	2		
	REFCL order placed	15/05/2021	100%	15%
	REFCL delivered to site	31/07/2022		
Construction - Lines	Line works commenced	01/06/2021	100%	25%
	Line works complete	24/03/2023		
Construction - Stations	Station works commenced	01/08/2021	100%	15%
	Station works complete	28/02/2023		
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	20/03/2023	100%	10%
	REFCL commissioned and operable	27/03/2023		
Close Out	REFCL at "required capacity"	13/04/2023	100%	10%
Total weighted percentage complete			100%	
<p><b>This zone substation is located at -38.081619, 144.240589 (latitude, longitude)</b>  <b>*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready.</b></p>				

Table 2: Gheringhap (GHP) REFCL



### 1.1.1.3 Hamilton (HTN)

HTN REFCL Project Activities		Completion 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	30/06/2020		
Procurement	Number of REFCL units required	2		
	REFCL order placed	20/05/2020	100%	15%
	REFCL delivered to site	1/12/2021		
Construction - Lines	Line works commenced	15/03/2021	100%	25%
	Line works complete	30/06/2021		
Construction - Stations	Station works commenced	13/07/2021	100%	15%
	Station works complete	29/04/2022		
Construction - Third Party	Number of affected HV Customer Connections	1*		
	HV customer works commenced	*	100%	0%
	HV customer works complete	9/04/2020		
Testing / Commissioning	REFCL testing / commissioning commenced	23/05/2022	100%	10%
	REFCL commissioned and operable	25/05/2022		
Close Out	REFCL at "required capacity"	28/07/2022	100%	10%
Total weighted percentage complete			100%	
<p>This zone substation is located at -37.753635, 142.009415 (latitude, longitude)</p> <p>*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready. Commencement date of customer-side works is not known.</p>				

Table 3: Hamilton (HTN) REFCL

#### 1.1.1.4 Torquay (TQY)

TQY REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	09/09/2020		
Design	Design commenced	15/03/2021	100%	20%
	Design complete	20/12/2021		
Procurement	Number of REFCL units required	2		
	REFCL order placed	15/05/2021	100%	15%
	REFCL delivered to site	31/07/2022		
Construction - Lines	Line works commenced	25/01/2022	100%	25%
	Line works complete	22/02/2023		
Construction - Stations	Station works commenced	25/01/2022	100%	15%
	Station works complete	1/09/2022		
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	5/09/2022	100%	10%
	REFCL commissioned and operable	26/09/2022		
Close Out	REFCL at "required capacity"	13/12/2022	100%	10%
Total weighted percentage complete			100%	
This zone substation is located at -38.312254, 144.280856 (latitude, longitude)				
*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready				

Table 4: Torquay (TQY) REFCL

### 1.1.1.5 Waurm Ponds (WPD)

WPD REFCL Project Activities		Completion Date	Percentage Complete	Weighting
Initiate	Business Case commenced	1/06/2019	100%	5%
	Business Case approval	09/09/2020		
Design	Design commenced	15/03/2021	100%	20%
	Design complete	20/12/2021		
Procurement	Number of REFCL units required	3		
	REFCL order placed	15/05/2021	100%	15%
	REFCL delivered to site	30/06/2022		
Construction - Lines	Line works commenced	20/07/2021	100%	25%
	Line works complete	30/08/2022		
Construction - Stations	Station works commenced	22/01/2022	100%	15%
	Station works complete	9/09/2022		
Construction - Third Party	Number of affected HV Customer Connections	3*		
	HV customer works commenced	*	100%	0%
	HV customer works complete	15/07/2022		
Testing / Commissioning	REFCL testing / commissioning commenced	1/09/2022	100%	10%
	REFCL commissioned and operable	26/09/2022		
Close Out	REFCL at "required capacity"	26/10/2022	100%	10%
<b>Total weighted percentage complete</b>			100%	
<p><b>This zone substation is located at -38.215601, 144.300452 (latitude, longitude)</b>  <b>*Being a Tranche 3 site, HV customers are to ensure their assets are REFCL ready. Commencement date of customer-side works is not known.</b></p>				

Table 5: Waurm Ponds (WPD) REFCL

### 1.1.2 ELCA program status [S120P(1)(c)(ii)]

As shown in Table 6, the length of bare polyphase conductor in ELCA reduced by 280 meters during the reporting period due to feeder re-alignment works. As at 30 April 2023, the percentage of total route kilometres of all bare conductors remaining in ELCA is approximately 70%.

	At 1 May 2022 (Route km)	At 30 April 2023 (Route km)	Progress over Reporting Period (Route km)
<b>Bare conductor in ELCA</b>			
Polyphase	928.86	928.58	-0.28
SWER	358.92	358.92	0
<b>Covered or underground conductor in ELCA</b>			
Polyphase	175.46	175.46	0
SWER	364.69	364.69	0

Table 6: ELCA program - current volumes (1 May 2022 to 30 April 2023)

There were no projects completed in the reporting period, 1 May 2022 to 30 April 2023.

Electric Line Construction Area	Feeder	Reason/Driver	Previous Construction		New Construction		Completion Date
			Construction	Phasing	Construction	Phasing	
-	-	-	-	-	-	-	-

Table 7: ELCA program - completed projects (1 May 2022 to 30 April 2023)

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## 1.2 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 2023 to 30 April 2024.

### 1.2.1 REFCL program status [S120P(1)(c)(i)]

The REFCL program was completed in April 2023. There are no more works planned to be carried out in this program.

### 1.2.2 ELCA program status [S120P(1)(c)(ii)]

Table 8 shows the forecast change in ELCA volumes during the next reporting period, 1 May 2023 to 30 April 2024.

Total HV Electric Line Volumes	At 1 May 2023 (Route km)	At 30 April 2024 (Route km)	Progress over Reporting Period (Route km)
<b>Bare conductor in ELCA</b>			
Polyphase	928.58	924.63	-3.95
SWER	358.92	358.92	0
<b>Covered or underground conductor in ELCA</b>			
Polyphase	175.46	179.41	3.95
SWER	364.69	364.69	0

Table 8: ELCA program - forecast volumes (1 May 2023 to 30 April 2024)

Table 9 summarises the planned ELCA works during the next reporting period, 1 May 2023 to 30 April 2024. Both projects were originally planned to be completed during the period 1 May 2022 to 30 April 2023, however, remain on hold due to ESV's pending approval of Powercor's proposed covered conductor systems. By 30 April 2024, the planned percentage of total route kilometres of all bare conductors remaining in ELCA is forecast to be approximately 70%.

Electric Line Construction Area	Feeder	Reason / Driver	Current Construction		Future Construction		
			Construction	Phasing	Construction	Phasing	
<b>LEGL/16-209</b>	CDN002	Proactive replacement	Bare Conductor	Polyphase	3.10	Covered Conductor	Polyphase
<b>LEGL/16-230</b>	WIN011	Proactive replacement	Bare Conductor	Polyphase	0.85	Covered Conductor	Polyphase

Table 9: ELCA program - planned projects (1 May 2023 to 30 April 2024)













# Powercor - s120P BFM Annual Compliance Report 2023

Final Audit Report

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