

Powercor's response to Regualtory Information Notice Schedule 1, section 16 - Demand and Connections Forecasts, clause 16.3r

Powercor

Feeder	Feeder Project	Year	(A) assumed future load transfers between feeders; (MW)	(B) assumed future underlying load growth rates (exclusive of transfers and specific customer developments);	(C) assumed block loads, and associated demand assumptions; (MW)	ii) existing <i>embedded generation</i> capacity, and associated assumptions on the impact on demand levels;	iii) assumed future <i>embedded generation</i> capacity, and associated assumptions on the impact on demand levels	iv) existing non-network solutions, and the associated assumptions on the impact on demand levels;	v) assumed future non-network solutions, and associated assumptions on the impact on demand	vi) the diversity between feeders;
ART033	ART 33 reconductor P.145 to P.193 Willaura Line to 19/3.25 AAC	2023	0	0%	0	6.9	0	0	0	0 Residential Load Profile
BAN006	BAN6 3rd phase Lexton township (P103 - 155, 9kms 3/2.75)	2025	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAN006	BAN 6 Glenruel P35 SWER Aug	2024	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAN006	BAN6 3rd phase Lexton township (P5 - 102, 11kms 7/3.00AAC)	2024	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAS011	BAS11 augment Beaufort line P454 to P478 (3.15km)	2023	0	1%	0	6.15	0	0	0	0 Residential / Commercial Load Profile
BAS021	BAS21 Southross P35 SWER augmentation	2021	1	1%	0	1	0	0	0	0 Residential / Commercial Load Profile
BAS022	BAS22 augment Napoleons Line P50 - P80 (3.4km)	2026	1	-3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAS022	BAS22 Dereel South P1 SWER Aug	2025	2.5	-3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAS022	BAS22 augment Buninyong Line P210A - P235 (5.9km)	2024	2.5	-3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BAS033	BAS033 new 22k Sebastopol feeder	2021	4.5	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
BBD021	BBD 21 Reconductor P.57 to P.103 (5.0km)	2026	0	-2%	0	0	0	0	0	0 Residential Load Profile
BBD021	BBD 21 Reconductor P2 Kooloonong to P121 Boundary Bend	2021	0	-2%	0	0	0	0	0	0 Residential Load Profile
BET001	BET 1 Glenalbyn Line Reconductor	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET001	BET 1 Marong Reconductor	2024	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET001	BET 1 Newbridge Line reconductor	2024	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET010	BET 10 BETS-CTN Line reconductor to Marong	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET004	BET 4 Shreaver Line reconductor	2023	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET005	BET 5 Murphy's Lane SWER augmentation	2024	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
BET007	BET 7 Mandurang Line Reconductor	2021	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
BGO013	BGO 13 Emu Creek-Pilcher SWER augmentation	2025	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BGO022	BGO 22 reconductor Mia Mia line	2023	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
BGO023	BGO 23 extend 66kV line	2025	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
BGO32	BGO 32 new feeder	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
BLT015	BLT15 re-commission	2025	0	1%	0	0	0	0	0	0 Commercial Load Profile
BLT022	Uprate/augment BLT22 feeder to 65oC	2024	0	1%	0	0	0	0	0	0 Commercial Load Profile
BLT031	BLT31 East Leg Tie to offload other feeders	2023	0	1%	0	0	0	0	0	0 Commercial Load Profile
BMH003	BMH03 200A reg and augment feeder backbone	2021	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
BMH005	BMH05 augment stage 2 (2km)	2021	0	5%	0	0	0	0	0	0 Residential / Commercial Load Profile
BMH006	BMH06 augment stage 2 (5.5km)	2025	0	6%	0	0	0	0	0	0 Residential / Commercial Load Profile
BMH006	BMH06 extension along Fisken St to offload BMH04 & BMH05 (1.5km)	2023	0	6%	0	0	0	0	0	0 Residential / Commercial Load Profile
BMH007	BMH07 new feeder	2023	0	5%	0	0	0	0	0	0 Residential / Commercial Load Profile
CHA005	CHA 5 Reconductor Hawkin Spur (6km)	2023	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CHA005	CHA 5 Reconductor Heppell Spur (1km)	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CHA006	CHA 6 - Uprate backbone to 65°C stage2 P135 ACR to P300 ACR	2023	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC006 - re cond pole 386 to pole 420 Gellibrand with 3 by 19/3.25 aac (3,533m)	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC006 new line regulator 3 by 300 amps	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC006 reconductor Pole 2 CLC-CDN to pole 23 Gellibrand with 3 by 19/3.25 aac	2025	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC006 - re cond pole 454 to pole 469 Gellibrand with 3 by 19/3.25 aac (2,352m)	2023	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC004	CLC004 and CLC002 Feeder Tie	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC006 - re cond pole 471 to pole 486 Gellibrand with 3 by 19/3.25 aac (2,367m)	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC003	CLC 3 Mingawalla Swer Aug	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC006	CLC 6 Uprate backbone to 65 deg 14km	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CLC007	CLC 7 uprate backbone b/w pole 135 to pole 199 with 3 by 19/3.25 aac	2026	0	-2%	0	0	0	0	0	0 Residential / Commercial Load Profile
CME016	CME 16 Reconductor Old Spur	2024	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN001	CMN 1 Guildford Line Reconductor	2025	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN001	CMN 001 Augment supply to Malmsbury	2025	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN001	CMN 1 Drumond Line Reconductor	2022	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN002	CMN 2 Penrose SWER upgrade	2025	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN003	CMN 3 Harcourt Regulator	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN003	CMN 3 Lalbert Line Reconductor	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN003	CMN 3 Sutton Grange Line Reconductor	2021	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CMN004	CMN 4 Maldon line reconductor	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CRO013	CRO Feeder Rearrangement (CRO 13/14/22/32)	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
CTN001	CTN 1 Double CCT section	2024	0	-3%	0	0	0	0	0	0 Residential Load Profile
CTN006	CTN 6 Donald Line Reconductor	2026	0	-1%	0	0	0	0	0	0 Residential Load Profile
DDL024	DDL24 feeder exit switch	2021	0	1%	0	0	0	0	0	0 Residential Load Profile
ECA010	ECA 10 reconductor Campaspe River spur	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
ECA010	ECA 10 thermal uprate Bamawan line	2025	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
ECA010	ECA 10 switches Campaspe River	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
ECA012	ECA 12 switch Raleigh	2021	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
ECA005	ECA5 fused switch Paten	2021	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
EHK011	EHK11 new feeder	2024	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
FNS032	FNS032 feeder extension into Lara	2023	4.5	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
GB031	GB31 - new feeder tie with GB12/32	2025	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
GCY	GCY feeder rearrangement	2022	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
GL013	GL013 new feeder to Bannockburn	2021	8	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
GL012	GL12 augment Shelford township to three phase (1.4km P98 - P113)	2024	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
GL012	GL12 3rd Phase Barrabool Road - Stage 2 to pole 136 (5km)	2023	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
GLE031	GLE31 Curlewis augmentation, stage 2 (2,669m augmentation)	2023	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
HSM001	HSM 1 & 5 22kV Fdr Tie Switch b/f P104	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
HSM002	HSM 2 Balmoral South 16 SWER Aug	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
HTN002	HTN 2 Lake Mundi SWER aug	2025	0	-1%	0	0	0	0	0	0 Residential Load Profile
KGT003	KGT 3 Koondrook line reconductor	2024	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
KGT003	KGT 3 Koondrook line regulator	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
KGT004	KGT4 - Augment Regulator/s	2023	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KGT004	KGT4 - Augment Backbone	2022	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KRT012	KRT 12 / KRT 31 Tie Cons	2023	0	0%	0	0	0	0	0	0 Residential Load Profile
KYM001	KYM 1 Reconductor Nanneella spur	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KYM001	KYM 1 Reconductor Cornelia Creek	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KYM001	KYM 1 Creek View ISO P10 Swer Aug	2022	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KYM001	KYM 1 switch Cornelia Creek	2021	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
KYM004	KYM 4 Install regulator on Wyuna line	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
LVN023	LVN23-LVN24 tie in along Foundation Rd	2022	0	5%	0	0	0	0	0	0 Residential Load Profile

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Feeder	Feeder Project	Year	(A) assumed future load transfers between feeders; (MW)	(B) assumed future underlying load growth rates (exclusive of transfers and specific customer developments);	(C) assumed block loads, and associated demand assumptions; (MW)	ii) existing embedded generation capacity, and associated assumptions on the impact on demand levels;	iii) assumed future embedded generation capacity, and associated assumptions on the impact on demand levels	iv) existing non-network solutions, and the associated assumptions on the impact on demand levels;	v) assumed future non-network solutions, and associated assumptions on the impact on demand	vi) the diversity between feeders;
LVN033	Augment LVN33 19/4.75	2025	0	4%	0	0	0	0	0	0 Residential Load Profile
MBN011	MBN11 New feeder CB and feeder	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
MBN013	MBN 13 reconductor Cowana Ave	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
MBN014	MBN 14 / MBN 21 Tie line	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
MBN022	MBN 22 upgrade exit to 630mm Al	2023	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
MBN023	MBN23 Reconductor and Thermal Uprate	2024	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
MBN023	MBN 23 reconductor feeder exit to 19/4.75 AAC	2024	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
MLN013	MLN 13 new HV Sw- Coburns Rd	2021	0	9%	0	0	0	0	0	0 Residential / Commercial Load Profile
MLN021	MLN 21 uprate	2025	0	8%	0	0	0	0	0	0 Residential / Commercial Load Profile
MLN031	MLN31 new 22kV feeder (to offload MLN011, MLN013 and MLN024)	2021	13.4	8%	0	0	0	0	0	0 Residential / Commercial Load Profile
MLN034	MLN34 new 22kV feeder (to offload MLN012 and MLN022)	2022	8	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
MNA014	MNA 14 switch Cohens Pump	2022	0	0%	0	0	0	0	0	0 Residential Load Profile
MNA021	MNA 21 Replace exit cable	2021	0	1%	0	0	0	0	0	0 Residential Load Profile
MNA022	MNA 22 Reconductor Mooroopna Local	2026	0	1%	0	0	0	0	0	0 Residential Load Profile
MNA024	MNA 24 Shepparton South reconductor	2022	0	1%	0	0	0	0	0	0 Residential Load Profile
MNA034	MNA 34 Reconductor Murchison South Line	2026	0	0%	0	0	0	0	0	0 Residential Load Profile
MNA034	MNA 34 fused switch McKenzie St	2021	0	0%	0	0	0	0	0	0 Residential Load Profile
MRO005	MRO 5 reconductor 20 km of 7/.064 Cu in Dunolly line Stage 1 - 5km	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
MRO005	MRO5 Moliagul Line 3rd Phase	2022	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
NKA001	NKA 1 reconductor 6/.144ACSR Invergordon line	2026	0	0%	0	0	0	0	0	0 Residential Load Profile
NKA003	NKA 3 switch Strathmerton Town	2022	0	1%	0	0	0	0	0	0 Residential Load Profile
PLD001	PLD 1 augmentation	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
PLD003	PLD 3 Brugman P19 SWER Aug	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
PLD004	PLD 4 Uprate to 65C (7/.104 Cu)	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
RCT023	RCT 23 thermal uprate from RCTS to Redcliff	2022	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
RVL001	RVL 1 / RVL 4 tie reconductor and load transfer	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
RVL006	RVL 6 Robinvale East Line Recon to 19/3.25 and load transfer to RVL 4	2026	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
SA011	SA 11 augment feeder exit or tie to another feeder that is underutilised	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
SA003	SA 3 augment feeder exit or tie to another feeder that is underutilised	2022	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
SHN011	SHN 11 reconductor Shepparton North	2025	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
SHN014	SHN 14 replace 185 XLPE exit cable	2023	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
SHP012	SHP 12 Construct Rochir Glenwood tie	2024	0	0%	0	0	0	0	0	0 Residential / Commercial Load Profile
SHP014	SHP 14 Meag SWER augmentation	2026	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
SHP014	SHP 14 switch Rushworth	2022	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
SSE011	SSE 11 stage 2 augment	2023	0	1%	0	0	0	0	0	0 Residential / Commercial / IndustrialLoad Profile
SSE013	SSE 13 Clarke-Dickson ID Sub HV Loop	2026	0	1%	0	0	0	0	0	0 Residential / Commercial / IndustrialLoad Profile
STL005	STL 5 Grange P1 SWER Aug	2023	0	-1%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN	STN new feeder to Lockwood Rd	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN	STN new feeder to Poplar Ave	2025	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN021	STN 21 reconductor Channel Rd	2026	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN021	STN 21 River Rd tie	2024	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN022	STN 22 construct Riverview Rafferty tie	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN022	STN 22 reconductor John, Hare and Macintosh	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN022	STN 22 Bradford Rd tie	2025	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
STN024	STN 24 reconductor Cosgrove Dookie	2025	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
SU003	SU 3 uprate feeder	2025	0	2%	0	0	0	0	0	0 Residential Load Profile
SU003	SU 3,4,5 & 8 HV ties and rearrangement	2023	0	2%	0	0	0	0	0	0 Residential Load Profile
SU034	SU34 - feeder configuration alteration	2022	0	2%	0	0	0	0	0	0 Residential Load Profile
SU005	SU5 augment BB & HV rearrangement to offload SU4	2022	0	2%	0	0	0	0	0	0 Residential Load Profile
SU008	SU 8 augment feeder Stage 2	2023	0	2%	0	0	0	0	0	0 Residential Load Profile
BGO013	Tannery Lane tie (BET 5 / BGO 13)	2026	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
TNA	TNA extension into Caroline Springs	2022	0	8%	0	0	0	0	0	0 Residential / Commercial Load Profile
TNA	TNA next 2 feeders (TNA032 & TNA022)	2021	0	8%	0	0	0	0	0	0 Residential / Commercial Load Profile
TNA012	TNA two new 22kV feeders (TNA 031 & TNA 012)	2021	26.5	8%	0	0	0	0	0	0 Residential / Commercial Load Profile
TOY011	Surf Coast supply area: TOY011 new feeder	2023	5.8	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
TOY012	Surf Coast supply area: TOY012 new feeder	2023	18	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
TOY021	Surf Coast supply area: TOY021 new feeder	2023	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
TOY022	Surf Coast supply area: TOY022 establish new feeder	2023	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WBE	Redirect WBE feeders (WBE012 & WBE032) into Point Cook	2021	22.3	5%	0	0	0	0	0	0 Residential Load Profile
WBE014	Upgrade WBE014 feeder exit & backbone	2022	7.2	6%	0	0	0	0	0	0 Residential Load Profile
WBE023	Upgrade WBE023 feeder exit & backbone	2022	0	7%	0	0	0	0	0	0 Residential Load Profile
WBE034	WBE034 Wattle Avenue 16SR upgrade to 10SSR	2021	0	5%	0	0	0	0	0	0 Residential Load Profile
WBL012	WBL012 augmentation	2022	0	1%	0	0	0	0	0	0 Residential Load Profile
WMN014	WMN14 Margooya augment	2025	0	0%	0	0	0	0	0	0 Residential Load Profile
WMN014	WMN 14 reconductor P.241 to P.280 to 19/3.25 AAC	2021	0	0%	0	0	0	0	0	0 Residential Load Profile
WMN021	WMN 21 reconductor P.22 to P.67 (WETS-WMN) to 19/3.25 AAC	2024	0	-3%	0	0	0	0	0	0 Residential Load Profile
WND012	WND 12 and WND 22 Feeder Rearrangement	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND012	WND 12 Lucerndale P61 SWER AUG	2025	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND012	WND 12 Hesket Rd Tie P15 SWER Aug	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND012	WND 12 Kerrie Iso SWER Aug (WND12)	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND013	WND 13 Cobaw Swer Aug	2026	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND013	WND 13 Cobaw line aug stage 2	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND023	WND 23 Langley Line reconductor WND 23 STG2	2023	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND023	WND 23 new regulator pole 90 Trentham line WND 23	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND023	WND 23 Langley Line reconductor WND 23 STG1	2022	0	2%	0	0	0	0	0	0 Residential / Commercial Load Profile
WND024	WND 24 Upper Coliban SWER aug	2022	0	1%	0	0	0	0	0	0 Residential / Commercial Load Profile
WPD022	WPD 22 South Beach Rd HV line cap	2022	0	4%	0	0	0	0	0	0 Residential / Commercial Load Profile
WPD032	WPD32 subsidiary 22kV line (Ghazeeppore Road)	2022	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile
WPD034	WPD34 new feeder to Grovedale	2022	0	3%	0	0	0	0	0	0 Residential / Commercial Load Profile