HIGH LEVEL REVIEW OF EXISTING NETWORK CAPACITY FOR CONNECTING LARGE DEMANDS

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Network Investments,

Asset Management,

ESB Networks,

1. INTRODUCTION

This report details a high level review of the capacity available on the Distribution Network for the potential connection of new Data Centre loads. For clarity, ESB Networks, in its capacity as Distribution System Operator (DSO), plans for the following networks:

- 10kV & 20kV distribution networks nationally
- 38kV distribution networks nationally
- 110kV network in Dublin
- Tail-fed 110kV network outside of Dublin.

EirGrid as Transmission System Operator(TSO) plans for certain specified 110kV network in Dublin and other 110kV, 220kV and 400kV network nationally

Any increased load on the Distribution System will impact on the upstream Transmission System. Reinforcements may be required on the Transmission System in order to cater for these loads. Details on these reinforcements have to be provided by the Transmission System Operator (TSO), Eirgrid. This document therefore does not comment in any detail on the deep reinforcements required on the Transmission System. It should be noted that the TSO's Forecast Statement which is available on EirGrid's website, www.eirgrid.com, gives an indication of available capacity by transmission node.

It is important to note that the report cannot comment on the actual method of direct connection, or the likely voltage of the connection, as this varies depending on the existing network and loads in the specific area concerned, as well as the nature and size of the applicant load, and will need to be decided on the basis of a detailed study and cost comparison of options.

It should be noted that this is a review of network demands and capacity at a point in time. Any available capacity is allocated on a first come, first served basis and as would be expected, connection costs will increase with distance from the proposed feeding substation.

To make an application for capacity please complete the NC3 form available on the ESB Networks website: https://www.esbnetworks.ie/

2. CONNECTION METHODS AND TIMESCALES FOR CONNECTIONS

In general, MV connections up to a maximum of 10MVA entailing new MV cable network installation, associated civil works and minor station works only, would not be expected to take longer than 6-9 months; however any instances requiring significant station work such as the installation of a new transformer or MV switchgear would require increased time, and possibly planning permission.

For connections in excess of 10MVA, generally requiring a connection at 38kV or 110kV, the construction of new underground cable network, associated civil works and a new customer station would typically be expected to take approximately 2-3 years.

Associated transmission reinforcements may also be required and these may also add significantly to connection lead times. Transmission reinforcements are advised by TSO.

2.1 Typical Connection Methods for Data Centres

- 0-5MVA
  - Medium Voltage(MV) (10kV) (DSO Customers)
  - Ability to connect depends on a number of factors including the size of transformers in the Distribution substation
- 5MVA-10MVA
  - Medium Voltage(MV) (10kV) (DSO Customers)
  - High Voltage(HV) (38kV) (DSO Customers)
  - High Voltage(HV) (110kV) (DSO/TSO Customers)
- 10MVA-50MVA (Approx)
  - High Voltage(HV) (110kV) (DSO/TSO Customers)
- >50MVA
  - High Voltage(HV) (110kV) (TSO Customers)

2.2 Connection Sequence

Large Data-Centres requiring 110kV connections are typically developed in the following sequence

1. Interim connection of between 4MVA and 10MVA at Medium Voltage(MV)
2. Construction of 110kV connection over the interim period (2 years)
3. Completion of 110kV customer station
4. Retirement of the Medium Voltage connection
5. Customer connects to 110kV station with an MIC >10MVA

2.3 Typical Reinforcement works Required

Data-Centres typically drive significant network re-inforcement works in the following areas:

- MV underground cabling
- MV Substations
- 38kV/MV Networks Station works
- 110kV/MV Networks Station works
- 110kV Cabling
- 110kV Customer stations
- 220kV Stations

Distribution 38kV/MV stations are typically arranged in a 2x5MVA or 2x10MVA arrangement. Many 2x5MVA stations that are nearing capacity limits can be reinforced if necessary with larger transformers to provide capacity for new customer connections. Typically a 2x5MVA station will be uprated to a 2x10MVA arrangement. The timelines for such a reinforcement project will depend on the vintage and the nature of the plant and equipment presently installed.

The Maximum Import Capacity(MIC) required by Data-Centres is typically much larger than the MIC of traditional commercial or industrial loads connecting to the Distribution network. The loads are also typically non-cyclic in nature and so do not tend to vary over a day, week or seasonal period. This fact presents an additional challenge to the DSO in that Data-Centre loads are more onerous on distribution system plant than typical customers who exhibit a cyclic load profile.

3. DISTRIBUTION CAPACITY STATEMENT

The following list is an indicative list of the capacity available at each distribution primary substation. It has been produced by a basic analysis of the available transformer capacity, existing loads and contractual commitments to new customers. Standard rigour analyses that are normally completed for new applications are not feasible for this volume of stations. Consequently the supplied values must only be taken as indicative and only relate to the situation as of June 2017.

The current transformer capacity for each substation is listed below.

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
ABBEYFEALE	Abbeyfeale	Kerry	10 kV	10	1.1
ABBEYLAND	Navan	Louth	10 kV	20	3.7
ACADEMY STREET	Navan	Louth	10 kV	10	1.1
ACADEMY STREET	Navan	Louth	20 kV	10	0.2
ACHILL	Achill	Mayo	20 kV	5	0.9
AGHADA	Aghada	Cork	20 kV	5	1.3
AGHAGAD	Grange	Sligo	10 kV	10	2.9
AGHAMORE	Aghamore	Roscommon	10 kV	7	0.8
AHANE	Ahane	Limerick	10 kV	12	3.2
ARDFINNAN	Ardfinnan	Tipperary	10 kV	5	1.8
ARDFINNAN	Ardfinnan	Tipperary	20 kV	5	0.9
ARDGEEHA	Clonmel	Tipperary	10 kV	10	0.4
ARDNACRUSHA	Ardnacrusha	Clare	38 kV	126	32.5
ARDNAREE	Ballina	Mayo	10 kV	10	2.9
ARDNAREE	Ballina	Mayo	20 kV	10	2.8
ARIGNA	Arigna	Leitrim	20 kV	15	4.4
ARKLOW	Arklow	Wicklow	10 kV	40	11.0
ARKLOW	Arklow	Wicklow	38 kV	63	13.8
ARTANE	Artane	Dublin	10 kV	40	10.7
ASHBOURNE	Ashbourne	Dublin	20 kV	25	5.8
ATHBOY	Athboy	Louth	10 kV	7	1.2
ATHBOY	Athboy	Louth	20 kV	5	2.3
ATHENRY	Athenry	Galway	10 kV	10	0.0
ATHENRY	Athenry	Galway	20 kV	10	0.0
ATHGARVAN	Newbridge	Kildare	10 kV	20	0.0
ATHLONE	Athlone	Roscommon	10 kV	20	1.0
ATHLONE	Athlone	Roscommon	38 kV	126	20.8
ATHY	Athy	Carlow	10 kV	40	7.0
AVOCA	Avoca	Wicklow	10 kV	3.2	0.0
AVONCORE	Midleton	Cork	10 kV	10	0.0
BAGENALSTOWN	Bagenalstown	Carlow	10 kV	20	0.0
BAILIEBORO	Bailieboro	Cavan	10 kV	10	2.3

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
BALBRIGGAN	Balbriggan	Dublin	10 kV	20	0.0
BALGADDY	Clondalkin	Dublin	10 kV	20	3.1
BALLAGHADERREEN	Ballaghaderreen	Roscommon	10 kV	10	1.0
BALLINACURRA	Ballinacurra	Limerick	10 kV	15	2.3
BALLINASLOE	Ballinasloe	Galway	10 kV	10	2.9
BALLINCLEA	Killiney	Dublin	10 kV	10	2.4
BALLINCOLLIG	Ballincollig	Cork	10 kV	20	5.7
BALLINCOLLIG	Ballincollig	Cork	20 kV	20	9.0
BALLINDERRY	Mullingar	Westmeath	10 kV	10	0.6
BALLINDERRY	Mullingar	Westmeath	20 kV	10	0.1
BALLINROBE	Ballinrobe	Mayo	20 kV	20	0.0
BALLYARD	Tralee	Kerry	10 kV	10	1.5
BALLYBAILIE	Ardee	Louth	10 kV	7	1.0
BALLYBAY	Ballybay	Monaghan	10 kV	5	0.1
BALLYBEG	Wicklow	Wicklow	10 kV	40	7.1
BALLYBEGGAN	Tralee	Kerry	10 kV	20	3.4
BALLYBODEN	Ballyboden	Dublin	10 kV	20	0.4
BALLYBUNION	Ballybunion	Kerry	20 kV	10	2.3
BALLYCONNELL	Ballyconnell	Cavan	20 kV	10	0.6
BALLYCONRA	Ballyragget	Kilkenny	20 kV	10	1.0
BALLYCOOLEN	Ballycoolen	Dublin	10 kV	30	0.0
BALLYCROSSAUN	Ballycrossaun	Galway	20 kV	10	2.0
BALLYDEHOB	Ballydehob	Cork	20 kV	5	0.9
BALLYDINE	Ballydine	Tipperary	38 kV	31.5	8.7
BALLYGAR	Ballygar	Roscommon	10 kV	5	0.0
BALLYHALE	Ballyhale	Kilkenny	10 kV	5	0.8
BALLYHALE	Ballyhale	Kilkenny	20 kV	5	0.8
BALLYHAUNIS	Ballyhaunis	Mayo	10 kV	10	0.8
BALLYJAMESDUFF	Ballyjamesduff	Cavan	10 kV	20	2.0
BALLYLICKEY	Ballylickey	Cork	38 kV	31.5	6.3
BALLYMACARRY	Buncrana	Donegal	20 kV	5	1.3
BALLYMAHON	Ballymahon	Roscommon	10 kV	10	0.0
BALLYMOTE	Ballymote	Sligo	10 kV	5	0.6
BALLYMOUNT	Ballymount	Dublin	10 kV	20	2.5
BALLYMUN	Ballymun	Dublin	10 kV	20	4.2
BALLYRAGGET	Ballyragget	Kilkenny	10 kV	5	0.0
BALLYRAINE	Letterkenny	Donegal	10 kV	10	0.3
BALLYRICKARD	Tralee	Kerry	10 kV	20	2.6
BALLYSHANNON	Ballyshannon	Donegal	10 kV	10	2.1
BALLYTIVNAN	Sligo	Sligo	10 kV	20	4.3

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
BALTINGLASS	Baltinglass	Wicklow	20 kV	10	0.2
BALTRASNA	Baltrasna	Dublin	20 kV	40	11.1
BANAGHER	Banagher	Offaly	10 kV	7	2.0
BANDON	Bandon	Cork	10 kV	20	5.8
BANDON	Bandon	Cork	38 kV	63	10.4
BANGOR ERRIS	Bangor Erris	Mayo	20 kV	5	1.0
BANOGE	Gorey	Wexford	20 kV	40	6.0
BANTRY	Bantry	Cork	10 kV	10	1.0
BARNAHELY	Ringaskiddy	Cork	20 kV	60	4.6
BARNAHELY	Ringaskiddy	Cork	38 kV	63	20.9
BARNTOWN	Wexford	Wexford	10 kV	5	0.0
BARRYMORE	Fermoy	Cork	38 kV	31.5	1.5
BEALISTOWN	Bealistown	Wexford	10 kV	5	0.0
BEALISTOWN	Bealistown	Wexford	20 kV	5	0.0
BEALNABLATH	Bealnablath	Cork	20 kV	15	2.7
BEDFORD ROW	City Centre	Dublin	10 kV	60	3.3
BELFIELD	Belfield	Dublin	10 kV	20	3.0
BELGARD	Belgard	Dublin	10 kV	20	3.6
BELLACORICK	Bellacorick	Mayo	20 kV	10	2.0
BELLACORICK	Bellacorick	Mayo	38 kV	22	7.0
BELLEFIELD	Enniscorthy	Wexford	10 kV	20	2.9
BELMULLET	Belmullet	Mayo	10 kV	5	0.6
BELVIEW	Belview	Kilkenny	20 kV	30	4.0
BINBANE	Binbane	Donegal	38 kV	63	15.8
BIRDHILL	Birdhill	Tipperary	20 kV	20	3.9
BIRR	Birr	Offaly	10 kV	10	2.6
BIRR	Birr	Offaly	20 kV	10	1.4
BISHOPSTOWN	Bishopstown	Cork	10 kV	20	2.7
BLACKROCK	Blackrock	Dublin	38 kV	126	18.0
BLAKE	Blake	Kildare	10 kV	10	1.3
BLAKE	Blake	Kildare	38 kV	31.5	1.5
BLESSINGTON	Blessington	Wicklow	20 kV	10	0.2
BOGGERAGH	Boggeragh	Cork	38 kV	63	28.0
BOGHALL ROAD	Bray	Wicklow	10 kV	20	2.0
BOYLE	Boyle	Roscommon	10 kV	10	1.7
BRAY	Bray	Wicklow	10 kV	20	3.6
BREWERY ROAD	Stillorgan	Dublin	10 kV	20	5.0
BRUFF	Bruff	Limerick	10 kV	5	1.2
BRUFF	Bruff	Limerick	20 kV	5	0.3
BUNCLODY	Bunclody	Wexford	20 kV	10	1.3

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
BUNCRANA	Buncrana	Donegal	20 kV	10	0.2
BUNDORAN	Bundoran	Donegal	10 kV	10	2.4
BUSH	Bush	Louth	20 kV	10	2.7
BUSHFIELD	Arhlone	Roscommon	10 kV	20	2.3
BUTLERSTOWN	Butlerstown	Waterford	38 kV	63	12.4
BUTTEVANT	Buttevant	Cork	10 kV	4	0.9
CABRA	Cabra	Dublin	10 kV	40	11.1
CAHERDAVIN	Caherdavin	Limerick	10 kV	20	5.1
CAHIR	Cahir	Tipperary	10 kV	20	4.7
CAHIR	Cahir	Tipperary	38 kV	63	19.2
CAHIRCALLA	Ennis	Clare	10 kV	10	0.1
CALLAN	Callan	Kilkenny	10 kV	10	1.2
CAMDEN ROW	Dubin City Centre	Dublin	10 kV	15	1.1
CAPPAMORE	Cappamore	Limerick	10 kV	10	1.4
CAPPAMORE	Cappamore	Limerick	20 kV	10	4.5
CARLOW	Carlow	Carlow	38 kV	126	24.6
CARNDONAGH	Carndonagh	Donegal	20 kV	10	1.9
CARRAROE	Carraroe	Galway	10 kV	5	0.0
CARRICK ON SHANNON	Carrick On Shannon	Leitrim	10 kV	10	0.0
CARRICK ON SHANNON	Carrick On Shannon	Leitrim	38 kV	63	14.8
CARRICKMACROSS	Carrickmacross	Monaghan	10 kV	20	1.2
CARRICKMINES	Carrickmines	Dublin	10 kV	25	4.9
CARRICKMINES	Carrickmines	Dublin	38 kV	126	35.8
CARRIGALINE	Carrigaline	Cork	10 kV	10	0.3
CARRIGALLEN	Carrigallen	Leitrim	20 kV	5	1.0
CARRIGLAWN	Wexford	Wexford	10 kV	10	1.7
CARRIGSHANE	Midleton	Cork	10 kV	10	0.0
CARRIGTOWHILL	Carrigtowhill	Cork	10 kV	5	1.0
CARROWBEG	Westport	Mayo	10 kV	20	4.0
CARROWBEG	Westport	Mayo	20 kV	10	4.0
CARROWBEG	Westport	Mayo	38 kV	31.5	4.0
CARTRONTROY	Athlone	Roscommon	10 kV	10	0.0
CASHEL	Cashel	Tipperary	10 kV	10	2.3
CASTLEBAR	Castlebar	Mayo	38 kV	63	7.2
CASTLEBLAYNEY	Castleblayney	Monaghan	10 kV	10	0.0
CASTLECOMER	Castlecomer	Kilkenny	10 kV	10	1.0
CASTLEISLAND	Castleisland	Kerry	10 kV	10	0.0
CASTLEKNOCK	Castleknock	Dublin	10 kV	10	3.4
CASTLELYONS	Castlelyons	Cork	20 kV	10	1.3
CASTLEREA	Castlerea	Roscommon	10 kV	10	2.1

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
CASTLETOWNBERE	Castletownbere	Cork	10 kV	5	2.3
CASTLETOWNBERE	Castletownbere	Cork	20 kV	5	0.4
CASTLETOWNROCHE	Castletownroche	Cork	10 kV	5	1.4
CASTLETROY	Castletroy	Limerick	10 kV	10	1.1
CASTLEVIEW	Little Island	Cork	10 kV	63	5.2
CATHALEENS FALL	Cathaleens Fall	Donegal	38 kV	31.5	5.6
CAUSEWAY	Causeway	Kerry	10 kV	10	2.3
CAUTEEN	Rearcross	Tipperary	38 kV	126	54.9
CAVAN	Cavan	Cavan	10 kV	10	0.0
CAVAN	Cavan	Cavan	20 kV	10	0.5
CELBRIDGE	Celbridge	Kildare	10 kV	20	3.0
CENTRAL PARK	Sandyford	Dublin	10 kV	40	10
CHARLESTOWN	Charlestown	Roscommon	10 kV	5	0.6
CHARLEVILLE	Charleville	Cork	20 kV	10	2.0
CHARLEVILLE	Charleville	Cork	38 kV	31.5	4.9
CHURCHTOWN	Churchtown	Limerick	10 kV	10	3.1
CHURCHTOWN	Churchtown	Limerick	20 kV	10	3.8
CITYWEST	Citywest	Dublin	10 kV	40	4.0
CLARA	Clara	Offaly	10 kV	10	3.1
CLARA	Clara	Offaly	20 kV	10	1.9
CLAREGALWAY	Claregalway	Galway	10 kV	5	0.5
CLAREGALWAY	Claregalway	Galway	20 kV	5	0.0
CLIFDEN	Clifden	Galway	10 kV	10	2.1
CLONAKILTY	Clonakilty	Cork	10 kV	10	0.0
CLONARD	Wexford	Wexford	10 kV	10	1.7
CLONDALKIN	Clondalkin	Dublin	10 kV	30	3.3
CLONES	Clones	Monaghan	10 kV	10	0.6
CLONMINCH	Tullamore	Offaly	10 kV	10	0.0
CLONMINCH	Tullamore	Offaly	20 kV	10	1.2
CLONROCHE	Clonroche	Wexford	20 kV	10	0.4
CLONSHAUGH	Clonshaugh	Dublin	10 kV	20	4.2
CLONTARF	Clontarf	Dublin	10 kV	10	0.6
CLOON	Tuam	Galway	38 kV	61.5	20.0
CLOONBANNIN	Kanturk	Cork	10 kV	5	0.7
CLOONLOUGH	Mitchelstown	Cork	10 kV	10	1.9
CLOYNE	Cloyne	Cork	10 kV	5	0.3
COBH	Cobh	Cork	10 kV	10	0.5
COES ROAD	Dundalk	Louth	10 kV	10	1.8
COLLEGE PARK	College Park	Dublin	10 kV	60	0.0
COLLIGAN	Dungarvan	Waterford	10 kV	20	5.0

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
COLLINSTOWN	Collinstown	Dublin	10 kV	10	3.0
COLLOONEY	Collooney	Sligo	10 kV	5	2.0
COLLOONEY	Collooney	Sligo	20 kV	5	0.0
CONG	Cong	Mayo	20 kV	10	2.0
CONVOY	Convoy	Donegal	10 kV	7	1.2
COOKSTOWN	Cookstown	Dublin	10 kV	40	0.1
COOKSTOWN	Cookstown	Dublin	38 kV	126	8.0
COOLCARRON	Fermoy	Cork	10 kV	7	1.0
COOLCORCORAN	Killarney	Kerry	10 kV	20	0.0
COOLGREANEY ROAD	Arklow	Wicklow	10 kV	10	0.0
COOLMINE	Blanchardstown	Dublin	10 kV	20	0.8
COOLOCK	Coolock	Dublin	10 kV	20	4.8
COOLROE	Coolroe	Cork	20 kV	40	11.8
CORBALLY	Corbally	Limerick	10 kV	10	1.1
CORDERRY	Manorhamilton	Leitrim	20 kV	40	15
COW CROSS	Cobh	Cork	38 kV	20	0.6
CRANE	Ferns	Wexford	20 kV	20	3.5
CRANE	Ferns	Wexford	38 kV	31.5	1.6
CRANMORE	Cranmore	Sligo	10 kV	10	0.6
CRANNY	Killadysart	Clare	10 kV	2	0.1
CRATLOE	Cratloe	Clare	20 kV	10	1.9
CREAGH	Ballinasloe	Roscommon	20 kV	10	0.0
CREESLOUGH	Creeslough	Donegal	20 kV	5	1.2
CREGG ROAD	Carrick On Suir	Tipperary	10 kV	4	0.0
CRORY	Crory	Derry	20 kV	63	27.0
CROSSMOLINA	Crossmolina	Mayo	10 kV	7	1.3
CRUMLIN	Crumlin	Dublin	10 kV	20	4.1
CULLION	Letterkenny	Donegal	10 kV	10	0.0
CURRA	Loughrea	Galway	10 kV	5	1.1
CURRAGLASS	Conna	Cork	10 kV	5	1.0
CURRALEIGH	Inniscarra	Cork	20 kV	10	1.4
DALLOW	Dallow	Offaly	38 kV	31.5	5.7
DALTON	Claremorris	Mayo	20 kV	20	3.2
DALTON	Claremorris	Mayo	38 kV	94.5	28.3
DEANSGRANGE	Deansgrange	Dublin	10 kV	20	4.0
DEERPARK	Carrick On Suir	Tipperary	10 kV	10	1.2
DELVIN	Delvin	Westmeath	10 kV	5.2	0.0
DENNEHYS CROSS	Dennehys Cross	Cork	10 kV	30	2.0
DERRYBEG	Derrybeg	Donegal	10 kV	10	1.0
DERRYCRAMPH	Cavan	Cavan	10 kV	10	0.1

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
DINGLE	Dingle	Kerry	10 kV	5	1.1
DINGLE	Dingle	Kerry	20 kV	5	1.0
DOCK ROAD	Dock Road	Limerick	10 kV	10	1.7
DODDER ROAD	Milltown	Dublin	10 kV	10	1.9
DONEGAL	Donegal	Donegal	10 kV	10	0.7
DONNYBROOK	Donnybrook	Dublin	10 kV	20	2.0
DOON	Doon	Tipperary	38 kV	63	13.9
DOUGLAS	Douglas	Cork	10 kV	20	1.4
DRUMBEAR	Monaghan	Monaghan	10 kV	10	0.3
DRUMCONDRA	Drumcondra	Dublin	10 kV	20	3.9
DRUMLINE	Drumline	Clare	20 kV	10	1.2
DRUMLINE	Drumline	Clare	38 kV	63	11.9
DRUMQUIN	Drumquin	Clare	10 kV	5	0.8
DRYBRIDGE	Drybridge	Louth	10 kV	10	0.1
DRYBRIDGE	Drybridge	Louth	38 kV	126	4.0
DULEEK	Duleek	Louth	20 kV	10	1.0
DUN LAOGHAIRE	Dun Laoghaire	Dublin	10 kV	20	4.0
DUNDALK	Dundalk	Louth	10 kV	20	3.5
DUNDALK	Dundalk	Louth	38 kV	126	16.0
DUNDRUM	Dundrum	Dublin	10 kV	20	1.6
DUNFIERTH	Dunfierth	Dublin	20 kV	20	5.4
DUNGARVAN	Dungarvan	Waterford	38 kV	63	8.0
DUNGLOE	Dungloe	Donegal	10 kV	7	1.2
DUNLEER	Dunleer	Louth	10 kV	10	1.3
DUNMANWAY	Dunmanway	Cork	20 kV	10	3.0
DUNMANWAY	Dunmanway	Cork	38 kV	126	40.6
EAST WALL ROAD	East Wall Road	Dublin	10 kV	20	4.2
EDENDERRY	Edenderry	Offaly	20 kV	20	2.0
EDGEWORTHSTOWN	Edgeworthstown	Longford	20 kV	20	2.2
EMYVALE	Emyvale	Monaghan	20 kV	5	0.1
ENNIS	Ennis	Clare	10 kV	40	8.0
ENNIS	Ennis	Clare	38 kV	63	2.1
ENNIS NORTH	Ennis	Clare	10 kV	10	0.1
ENNISCRONE	Enniscrone	Sligo	20 kV	10	2.6
ENNISKEANE	Enniskeane	Cork	10 kV	10	3.0
ENNISTYMON	Ennistymon	Clare	10 kV	10	1.0
ERRIGAL	Cootehill	Cavan	10 kV	10	1.0
ERRIGAL	Cootehill	Cavan	20 kV	10	1.0
FACTORY CROSS	Ringaskiddy	Cork	10 kV	20	7.5
FAIRHILL	Fairhill	Cork	10 kV	10	0.0

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
FAIRVIEW	Fairview	Dublin	10 kV	15	1.2
FASSAROE	Bray	Wicklow	38 kV	100	15.7
FERMOY NORTH	Fermoy	Cork	10 kV	10	0.3
FERNS	Ferns	Wexford	20 kV	10	2.0
FINGLAS	Finglas	Dublin	38 kV	252	16.0
FINISKLIN	Sligo	Sligo	10 kV	10	1.1
FINNEA	Finnea	Cavan	20 kV	10	1.5
FORTUNESTOWN	Citywest	Dublin	10 kV	40	4.0
FOXHOLE	Youghal	Cork	20 kV	20	3.1
FOYNES	Foynes	Limerick	10 kV	7	0.9
FRANCIS STREET	Francis Street	Dublin	38 kV	100	18.9
GALWAY	Galway	Galway	10 kV	40	7.4
GALWAY	Galway	Galway	38 kV	189	20
GARDEN CITY	Gorey	Wexford	10 kV	10	0.0
GARRANACANTY	Tipperary	Tipperary	20 kV	20	4.1
GARROW	Ballyvourney	Cork	20 kV	15	6.7
GARRYOWEN	Garryowen	Limerick	10 kV	15	4.5
GARRYSPILLANE	Garryspillane	Limerick	10 kV	5	0.0
GARVILLE AVENUE	Rathgar	Dublin	10 kV	10	0.9
GILLOGUE	Gillogue	Clare	10 kV	10	1.6
GLASMORE	Glasmore	Dublin	20 kV	20	0.1
GLASMORE	Glasmore	Dublin	38 kV	126	10.0
GLASNEVIN	Glasnevin	Dublin	10 kV	10	1.4
GLEBE	Longford	Longford	10 kV	20	4.1
GLENAMADDY	Glenamaddy	Roscommon	20 kV	5	0.2
GLENGARRIFF	Glengarriff	Cork	20 kV	5	1.8
GLENGOOLE	New Birmingham	Tipperary	10 kV	7	0.9
GLENLARA	Newmarket	Cork	38 kV	63	16.7
GLENREE	Glenree	Mayo	38 kV	63	28.3
GLENTIES	Glenties	Donegal	10 kV	7	1.4
GLOUCESTER PLACE	Dubin City Centre	Dublin	10 kV	20	3.5
GORESBRIDGE	Goresbridge	Kilkenny	10 kV	10	0.3
GORT	Gort	Galway	10 kV	10	1.3
GORTAWEE	Ballyconnell	Cavan	38 kV	63	21.9
GORTLEE	Gortlee	Donegal	10 kV	10	0.0
GRAIGUE	Carlow	Carlow	10 kV	20	3.7
GRAIGUENAMANAGH	Graiguenamanagh	Kilkenny	10 kV	4	0.0
GRANAGH	Granagh	Waterford	10 kV	10	1.3
GRANBY ROW	Rotunda	Dublin	10 kV	10	0.5
GRANGE (DR)	Grange	Dublin	10 kV	15	0.0

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
GRANGE (DR)	Grange	Dublin	38 kV	126	31.4
GRANGE (SR)	Waterford	Waterford	10 kV	10	1.0
GRANGE (SR)	Waterford	Waterford	20 kV	5	1.0
GRANGE CASTLE	Grange Castle	Dublin	10 kV	56	0.0
GRANGE CASTLE	Grange Castle	Dublin	38 kV	63	2.0
GREAT ISLAND	Great Island	Wexford	38 kV	31.5	0.0
GREENHILLS	Tallaght	Dublin	10 kV	10	0.0
GREYSTONES	Greystones	Wicklow	10 kV	20	2.6
GRIFFINRATH	Maynooth	Kildare	38 kV	126	25.2
GURRANEBANE	Cahirciveen	Kerry	20 kV	10	1.4
GURTEEN	Gurteen	Roscommon	10 kV	10	2.9
GWEEDORE	Gweedore	Donegal	20 kV	5	1.2
HAROLDS CROSS	Harolds Cross	Dublin	10 kV	40	9.0
HEADFORD	Headford	Galway	10 kV	7	0.0
HEADFORD ROAD	Galway	Galway	10 kV	20	2.4
HEUSTON SQUARE	Heuston Square	Dublin	10 kV	40	4.0
HOLYCROSS ROAD	Thurles	Tipperary	10 kV	10	0.0
HOWTH JUNCTION	Howth	Dublin	10 kV	20	2.6
IKERRIN	Ikerrin	Tipperary	38 kV	31.5	0.0
INCH	Inch	Kerry	20 kV	10	3.3
INCHICORE 220kV	Inchicore	Dublin	10 kV	30	4.5
INCHICORE 220kV	Inchicore	Dublin	38 kV	252	19.0
INNISCARRA	Inniscarra	Cork	10 kV	5	0
JENKINSTOWN	Jenkinstown	Louth	20 kV	10	2.3
JOHNSTOWN	Johnstown	Kildare	10 kV	20	2.4
JULIANSTOWN	Julianstown	Louth	20 kV	10	0.7
KANTURK	Kanturk	Cork	10 kV	10	0.3
KELLS	Kells	Louth	10 kV	10	1.6
KENMARE	Kenmare	Kerry	10 kV	5	1.3
KENMARE	Kenmare	Kerry	20 kV	5	1.3
KILBARRY	Kilbarry	Cork	10 kV	10	0.8
KILBARRY	Kilbarry	Cork	38 kV	126	15.0
KILCAR	Kilcar	Donegal	10 kV	5	1.3
KILCARRAGH	Tramore	Waterford	20 kV	10	2.3
KILCLOHER	Kilcloher	Waterford	10 kV	7	1.2
KILCOCK	Kilcock	Kildare	20 kV	20	3.2
KILCOLGAN	Kilcolgan	Galway	10 kV	5	1.3
KILCOLGAN	Kilcolgan	Galway	20 kV	5	0.0
KILCOOLE	Kilcoole	Wicklow	10 kV	10	1.0
KILCULLEN	Kilcullen	Kildare	10 kV	10	2.6

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
KILCULLEN	Kilcullen	Kildare	20 kV	10	1.9
KILDARE	Kildare	Kildare	10 kV	15	0.0
KILFLYNN	Kilflynn	Kerry	10 kV	5	0.1
KILGARVAN	Kilgarvan	Kerry	20 kV	5	1.7
KILKEE	Kilkee	Clare	10 kV	5	1.1
KILKENNY	Kilkenny	Kilkenny	38 kV	126	25.3
KILLACLOYNE	Carrigtwohill	Cork	10 kV	20	0.1
KILLESHANDRA	Killeshandra	Cavan	10 kV	10	2.0
KILLINICK	Wexford	Wexford	20 kV	20	4.3
KILLOTERAN	Waterford	Waterford	10 kV	40	5.4
KILLYBEGS	Killybegs	Donegal	10 kV	30	0.0
KILMACTHOMAS	Kilmacthomas	Waterford	20 kV	10	1.8
KILMAGIG	Arklow	Wicklow	10 kV	7	0.4
KILMALLOCK	Kilmallock	Limerick	10 kV	7	0.9
KILMARTIN	Kilmartin	Wicklow	10 kV	5	0.0
KILMEADEN	Kilmeaden	Waterford	10 kV	5	1.5
KILMONEY	Carrigaline	Cork	10 kV	15	1.5
KILMORE	Kilmore	Dublin	10 kV	60	10.3
KILROSS ROAD	Tipperary	Tipperary	10 kV	7	0.9
KILRUSH	Kilrush	Clare	10 kV	10	1.9
KILSARAN	Kilsaran	Louth	10 kV	5	0.3
KILSHANNY	Mitchelstown	Cork	10 kV	4	0.0
KILTEEL	Kilteel	Kildare	38 kV	63	11.1
KILTIMAGH	Kiltimagh	Mayo	10 kV	5	1.0
KIMMAGE	Kimmage	Dublin	10 kV	20	1.0
KINGSBRIDGE	Kingsbridge	Dublin	10 kV	20	2.7
KINGSCOURT	Kingscourt	Cavan	10 kV	10	1.0
KINSALE	Kinsale	Cork	10 kV	10	0.0
KNOCKAPHUNTA	Castlebar	Mayo	10 kV	10	1.0
KNOCKBROGAN	Bandon	Cork	10 kV	10	0.0
KNOCKEARAGH	Knockearagh	Kerry	38 kV	63	13.0
KYLEERAGH	Nenagh	Clare	10 kV	15	0.0
KYLETAUN	Rathkeale	Limerick	10 kV	10	0.0
LAKE	Dunmanway	Cork	10 kV	10	0.0
LANESBOROUGH	Lanesborough	Roscommon	38 kV	31.5	2.0
LAWLESSTOWN	Clonmel	Tipperary	10 kV	10	2.2
LAWLESSTOWN	Clonmel	Tipperary	20 kV	10	0.5
LEE BRIDGE	Macroom	Cork	10 kV	15	2.3
LEESON STREET	Dublin 2	Dublin	10 kV	20	0.8
LEIXLIP	Leixlip	Dublin	10 kV	20	1.9

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
LETTERKENNY	Letterkenny	Donegal	38 kV	126	22.8
LIBERTY STREET	Liberty Street	Cork	10 kV	40	5.6
LIFFEY VALLEY	Lucan	Dublin	10 kV	20	1.7
LIMERICK	Limerick	Limerick	38 kV	126	18.6
LISDRUM	Monaghan	Monaghan	20 kV	5	0.9
LISDRUM	Monaghan	Monaghan	38 kV	63	14.0
LISHEEN	Lisheen	Tipperary	38 kV	63	28.3
LISMORE	Lismore	Waterford	10 kV	4	0.0
LITTLE BRAY	Bray	Wicklow	10 kV	20	2.5
LITTLE ISLAND	Little Island	Cork	10 kV	0	0.0
LITTLE MILLS	Dundalk	Louth	10 kV	5	0.0
LLOYD	Navan	Louth	10 kV	10	3.3
LONGFORD	Longford	Longford	20 kV	20	2.7
LOUGHANALLA	Castlepollard	Westmeath	10 kV	10	1.7
LOUGHLINSTOWN	Loughlinstown	Dublin	10 kV	20	2.0
LOUGHREA	Loughrea	Galway	10 kV	10	0.8
LOUGHSHINNY	Loughshinny	Dublin	10 kV	20	2.1
LOUGHTAGALLA	Thurles	Tipperary	10 kV	10	0.0
LUCAN EAST	Lucan	Dublin	10 kV	10	0.0
LUMCLOON	Ferbane	Roscommon	20 kV	10	2.8
MACETOWN	Macetown	Dublin	10 kV	40	0.1
MACROOM	Macroom	Cork	20 kV	5	0.8
MACROOM	Macroom	Cork	38 kV	31.5	2.8
MALAHIDE	Malahide	Dublin	10 kV	20	2.1
MALLOW	Mallow	Cork	10 kV	20	4.8
MALLOW	Mallow	Cork	38 kV	63	17.7
MANOR STREET	Waterford	Waterford	10 kV	20	2.6
MANORHAMILTON	Manorhamilton	Leitrim	20 kV	20	0.0
MARINA	Marina	Cork	10 kV	40	10.2
MARROWBONE LANE	Kingsbridge	Dublin	10 kV	15	2.4
MARSHES	Dundalk	Louth	10 kV	20	3.6
MARSHES	Dundalk	Louth	20 kV	10	3.6
MAYFIELD	Mayfield	Cork	10 kV	20	4.3
MCDERMOTT	Sean McDermott St	Dublin	38 kV	126	12.0
MCDONAGH	Kilkenny	Kilkenny	10 kV	20	4.3
MEATH HILL	Meath Hill	Cavan	38 kV	63	3.0
MERRION SQUARE	Dublin 2	Dublin	10 kV	20	3.9
MERVILLE	Finglas	Dublin	10 kV	20	5.0
MIDLETON	Midleton	Cork	10 kV	20	0.0
MIDLETON	Midleton	Cork	38 kV	31.5	2.6

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
MILFORD (MWR)	Milford	Cork	10 kV	5	1.2
MILFORD (MWR)	Milford	Cork	20 kV	10	3.1
MILFORD (NR)	Milford	Donegal	10 kV	25	10.0
MILLTOWN (DR)	Milltown	Dublin	10 kV	40	7.5
MILLTOWN (DR)	Milltown	Dublin	38 kV	126	21.3
MILLTOWN (SR)	Milltown	Kerry	20 kV	20	3.8
MILLTOWN MALBAY	Milltown Malbay	Clare	10 kV	5	1.0
MISERY HILL	Misery Hill	Dublin	10 kV	40	3.6
MOATE	Moate	Westmeath	10 kV	7	0.9
MOHILL	Mohill	Leitrim	20 kV	10	1.8
MONEENAGHIESHA	Galway	Galway	10 kV	20	5.0
MONEYCOOLEY	Moneycooley	Dublin	10 kV	30	4.9
MONFIN	Enniscorthy	Wexford	10 kV	4	0.6
MONKSTOWN	Monkstown	Dublin	10 kV	20	1.0
MONREAD	Naas	Kildare	10 kV	40	10.9
MORNINGTON ROAD	Drogheda	Louth	10 kV	20	3.2
MORRISTOWN	Newbridge	Kildare	10 kV	10	0.0
MOUNT MERRION	Mount Merrion	Dublin	10 kV	20	4.2
MOUNT MISERY	Waterford	Waterford	10 kV	20	4
MOUNTGORRY	Mountgorry	Dublin	10 kV	20	1.3
MOUNTMELLICK	Mountmellick	Laois	10 kV	10	1.6
MOUNTRATH	Mountrath	Laois	10 kV	10	1.2
MOVILLE	Moville	Donegal	20 kV	10	2.3
MOY	Ballina	Mayo	20 kV	20	4.4
MOY	Ballina	Mayo	38 kV	63	15.1
MOYLISH	Moylish	Limerick	10 kV	10	1.8
MULGANNON	Wexford	Wexford	10 kV	20	1.1
MULLAGH	Mullagh	Meath	10 kV	15	2.7
MULLINGAR	Mullingar	Westmeath	10 kV	40	11.3
MULLINGAR	Mullingar	Westmeath	38 kV	63	11.8
NAAS	Naas	Kildare	10 kV	20	3.8
NAVAN	Navan	Meath	38 kV	126	27.0
NENAGH	Nenagh	Tipperary	10 kV	20	2.0
NENAGH	Nenagh	Tipperary	20 kV	10	2.0
NENAGH	Nenagh	Tipperary	38 kV	31.5	0.0
NEW ROSS	New Ross	Wexford	10 kV	10	0.0
NEWBRIDGE	Newbridge	Kildare	38 kV	63	9.4
NEWBROOK	Mullingar	Westmeath	10 kV	5	0.3
NEWCASTLEWEST	Newcastlewest	Limerick	10 kV	10	1.1
NEWMARKET (DR)	Dublin	Dublin	10 kV	10	0.6

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
NEWMARKET (SR)	Newmarket	Cork	10 kV	10	3.3
NEWPORT	Newport	Mayo	20 kV	10	3.1
NEWTOWNCUNNINGHAM	Newtowncunningham	Donegal	10 kV	10	1.5
NORTH QUAYS	North Quays	Dublin	10 kV	40	5.9
OAKFIELD	Sligo	Sligo	10 kV	20	4.0
OLDBAWN	Tallaght	Dublin	10 kV	20	2.1
OLDCASTLE	Oldcastle	Meath	10 kV	5	1.3
OLDCASTLE	Oldcastle	Meath	20 kV	5	0.4
ORANMORE	Oranmore	Galway	10 kV	10	0.0
OUGHTERARD	Oughterard	Galway	10 kV	10	2.8
OUGHTRAGH	Milltown	Kerry	38 kV	31.5	2.1
PALLAS	Portlaoise	Laois	10 kV	10	0.0
PALMERSTOWN	Palmerstown	Dublin	10 kV	20	2.5
PARKMORE	Parkmore	Galway	10 kV	10	0.0
PATRICKSWELL	Patrickswell	Limerick	20 kV	10	0.0
PELLETSTOWN	Pelletstown	Dublin	10 kV	40	9.2
PEMBROKE	Irishtown	Dublin	10 kV	40	3.2
PHIBSBORO	Phibsboro	Dublin	10 kV	20	4.0
POLLERTON	Carlow	Carlow	10 kV	20	1.6
POPPINTREE	Poppintree	Dublin	10 kV	40	7.9
PORTARLINGTON	Portarlington	Kildare	10 kV	15	0.0
PORTLAOISE 110KV	Portlaoise	Laois	10 kV	20	0.0
PORTLAOISE 110KV	Portlaoise	Laois	38 kV	63	1.9
PORTLAW	Portlaw	Waterford	10 kV	4	1.1
POTTERY ROAD	Pottery Road	Dublin	10 kV	40	9.0
PURCELLS INCH	Kilkenny	Kilkenny	10 kV	15	4.8
RAHANS	Ballina	Mayo	10 kV	5	0.0
RAHEEN	Raheen	Limerick	10 kV	20	0.9
RAMPARTS	Dundalk	Louth	10 kV	20	4.3
RAMSTOWN	Gorey	Wexford	10 kV	10	0.0
RANDALSTOWN	Navan	Louth	10 kV	5	0.0
RATHDOWNEY	Rathdowney	Tipperary	10 kV	5	0.0
RATHDRUM	Rathdrum	Wicklow	10 kV	5	0.3
RATHGOGGIN	Charleville	Cork	10 kV	10	1.9
RATHKEALE	Rathkeale	Limerick	38 kV	60	12.1
RATHMORE	Rathmore	Kerry	10 kV	5	0.0
RATHMORE	Rathmore	Kerry	20 kV	5	0.0
RATHMULLAN	Drogheda	Louth	10 kV	20	2.7
REAMORE	Reamore	Kerry	38 kV	126	48.3

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
RECESS	Recess	Galway	10 kV	5	1.5
RICHMOND	Richmond	Longford	38 kV	63	10.9
RINEANNA	Shannon	Clare	10 kV	20	2.4
RINGASKIDDY 110KV	Ringaskiddy	Cork	10 kV	20	7.1
RINGSEND	Ringsend	Dublin	10 kV	40	12.0
RINGSEND	Ringsend	Dublin	38 kV	126	22.7
RIVERSTOWN	Riverstown	Cork	10 kV	10	0.5
ROCHES STREET	Roches Street	Limerick	10 kV	20	3.4
ROOSKY	Roosky	Longford	10 kV	5	1.0
ROSBERCON	New Ross	Wexford	10 kV	5	0
ROSBERCON	New Ross	Wexford	20 kV	15	0
ROSCOMMON	Roscommon	Roscommon	10 kV	20	2.6
ROSCREA	Roscrea	Tipperary	10 kV	20	0.0
ROSEHILL	Kilkenny	Kilkenny	10 kV	20	3.0
ROSS CARBERY	Rosscarbery	Cork	10 kV	10	1.3
ROSSGEIR	Rossgeir	Donegal	10 kV	20	3.7
SAGGART	Saggart	Dublin	10 kV	10	0.2
SALLINS	Sallins	Kildare	10 kV	20	3.4
SALLYNOGGIN ROAD	Sallynoggin	Dublin	10 kV	20	3.0
SALTHILL	Salthill	Galway	10 kV	63	15.0
SALTHILL	Salthill	Galway	38 kV	63	20.9
SANDYFORD	Sandyford	Dublin	10 kV	20	4.0
SANTRY	Santry	Dublin	10 kV	20	3.8
SCARIFF	Scariff	Clare	10 kV	5	0.5
SCARTEEN	Mallow	Cork	10 kV	10	1.6
SCREEB	Screeb	Galway	10 kV	7	2.3
SCREEB	Screeb	Galway	38 kV	31.5	5.6
SEMPERIT	Ballymount	Dublin	10 kV	30	2.3
SHANKILL	Shankill	Cavan	38 kV	63	1.7
SHANNON	Shannon	Clare	10 kV	20	4.5
SHERCOCK	Shercock	Cavan	10 kV	10	0.3
SHERIFF STREET	Dublin City Centre	Dublin	10 kV	20	4.5
SHILLELAGH	Shillelagh	Carlow	20 kV	10	1.3
SINGLAND	Singland	Limerick	10 kV	40	11.5
SKIBBEREEN	Skibbereen	Cork	10 kV	10	1.1
SLANE	Slane	Meath	10 kV	5	0.9
SLANE	Slane	Meath	20 kV	10	2.0
SLIGO	Sligo	Sligo	38 kV	94.5	15.7
SMEARLA	Listowel	Kerry	10 kV	20	4.4
SOMERSET	Ballinasloe	Galway	38 kV	31.5	6.6

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
SORNE HILL	Buncrana	Donegal	20 kV	20	7.3
SOUTH HILL	Buncrana	Limerick	10 kV	15	2.0
SOUTH KING STREET	Stephens Green	Dublin	10 kV	20	3.3
SPA ROAD	Clonmel	Tipperary	10 kV	10	1.4
SPIDDAL	Spiddal	Galway	10 kV	7	0.9
SPRINGS	Dungarvan	Waterford	20 kV	20	4.6
SRAH	Tullamore	Offaly	10 kV	20	5.1
STEPHENSTOWN	Stephenstown	Dublin	10 kV	40	7.3
STICKILLEN	Ardee	Louth	10 kV	10	1.9
STRANORLAR	Stranorlar	Donegal	20 kV	20	3.0
STRATFORD	Stratford	Carlow	38 kV	31.5	4.1
SUTTON	Sutton	Dublin	10 kV	20	5.9
SWINFORD	Swinford	Mayo	10 kV	10	1.3
SWORDS	Swords	Dublin	10 kV	20	2.7
TALBOTS INCH	Kilkenny	Kilkenny	10 kV	10	0.5
TANEY	Dundrum	Dublin	10 kV	40	12.7
TELAYDON	Monaghan	Monaghan	10 kV	5	0.6
TELAYDON	Monaghan	Monaghan	20 kV	10	2.7
TEMPLEMORE	Templemore	Tipperary	10 kV	10	3.8
TEMPLEOGUE	Templeogue	Dublin	10 kV	20	6.8
TERMONFECKIN ROAD	Drogheda	Louth	10 kV	10	0.2
THORNSBERRY	Tullamore	Offaly	38 kV	126	41.0
THURLES	Thurles	Tipperary	38 kV	63	10.2
TIMOLEAGUE	Timoleague	Cork	10 kV	5	0.0
TINAHASK	Arklow	Wicklow	10 kV	10	0.0
TIPPERARY	Tipperary	Tipperary	38 kV	31.5	2.9
TOGHER	Togher	Cork	10 kV	20	1.6
TONROE	Ballaghadereen	Roscommon	38 kV	31.5	6.4
TOOMEVARA	Toomevara	Tipperary	10 kV	5	0.0
TRABEG	Douglas	Cork	10 kV	40	9.3
TRABEG	Douglas	Cork	38 kV	63	2.0
TRALEE	Tra*lee*	Kerry	38 kV	63	5.5
TRAMORE	Tramore	Waterford	10 kV	20	3.7
TRIEN	Listowel	Kerry	38 kV	126	44.7
TRILLICK	Trillick	Donegal	38 kV	63	17.8
TRIM	Trim	Meath	10 kV	10	0.1
TRIM	Trim	Meath	20 kV	5	0.0
TRIMMS LANE	Salthill	Galway	10 kV	20	4.2
TUAM NORTH	Tuam	Galway	10 kV	10	0.0
TUAM SOUTH	Tuam	Galway	10 kV	5	0.1

Substation Name	Town	County	Supply kV	Total Transformer Capacity At Supply KV	Indicative available MVA
TUBBERCURRY	Tubbercurry	Sligo	10 kV	7	1.8
TULLA	Tulla	Clare	10 kV	10	1.0
TULLABRACK	Kilrush	Clare	38 kV	15	2.7
TULLOW	Tullow	Carlow	20 kV	20	3.9
TULLYNAMALRA	Lough Egish	Cavan	10 kV	5	0.0
TURLOUGH ROAD	Castlebar	Mayo	10 kV	15	3.2
TYCOR	Waterford	Waterford	10 kV	10	0.8
TYMON	Tallaght	Dublin	10 kV	20	3.4
UNIDARE	Finglas	Dublin	10 kV	20	5.5
VIRGINIA	Virginia	Cavan	10 kV	10	1.5
WATERFORD	Waterford	Waterford	10 kV	10	2.1
WATERFORD	Waterford	Waterford	38 kV	126	26.7
WATERFORD IND EST	Waterford Ind Est	Waterford	10 kV	30	8.5
WATLING STREET	Guinness	Dublin	10 kV	20	2.4
WESTPORT	Westport	Mayo	20 kV	20	5.5
WEXFORD	Wexford	Wexford	20 kV	20	4.5
WEXFORD	Wexford	Wexford	38 kV	126	33.1
WHITECHURCH	Whitechurch	Cork	20 kV	20	3.3
WHITEHALL	Whitehall	Dublin	10 kV	10	1.3
WHITESTOWN	Saggart	Dublin	10 kV	20	4.5
WINDSOR	Castlebar	Mayo	20 kV	10	1.6
WOLFE TONE STREET	Wolfe Tone Street	Dublin	10 kV	40	4.4
WOODFORD	Killarney	Kerry	10 kV	10	0.0

4. CONTACT DETAILS

For further information relating to the process for new connections please visit the ESB Networks website, **https://www.esbnetworks.ie/** or contact:

Dave Byrnes, David.byrnes@esb.ie

New Business Manager (Demand Connections >4MVA)

For further information relating to the Capacity Statement please contact:

1. James Brennan, james.brennan1@esb.ie

   Network Investments(North) Manager:

2. Jerry O'Donoghue, Jerry.ODonoghue@esb.ie

   Network Investments(South) Manager: