

Environmental Impact Assessment Report (EIAR)

Volume 6 of 6: Appendices

(Appendix 4.3) Pole/Structure Details and Works for the Proposed 38kV Uprate Works

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Table A4.3.1: Ardnacrusha – Birdhill Line – Pole/Structure Details and Works

Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)
6B	Portal IMP Suspension	Erect 3x150 AAAC	No	41B	Portal IMP Suspension	Erect 3x150 AAAC	No	77B	Portal IMP Suspension	HSS	No
7B	Portal IMP Suspension	Erect 3x150 AAAC	No	42B	Portal IMP Suspension	Erect 3x150 AAAC	No	78B	Portal IMP Suspension	HSS	No
8B	Portal IMP Suspension	Erect 3x150 AAAC	No	43B	Portal IMP Suspension	Erect 3x150 AAAC	No	79B	Portal IMP Suspension	Erect 3x150 AAAC	No
9B	Portal IMP Suspension	Erect 3x150 AAAC	No	44B	Portal IMP Suspension	Erect 3x150 AAAC	No	80B	Portal IMP Suspension	Erect 3x150 AAAC	No
10B	Portal IMP Suspension	Erect 3x150 AAAC	No	45B	Portal IMP Suspension	Erect 3x150 AAAC	No	81B	Portal IMP Suspension	Replace	No
11B	Portal IMP Suspension	Erect 3x150 AAAC	No	46B	Portal IMP Suspension	Erect 3x150 AAAC	No	82B	Portal IMP Suspension	Erect 3x150 AAAC	No
12B	Portal IMP Suspension	Erect 3x150 AAAC	No	47B	Portal IMP Suspension	Erect 3x150 AAAC	No	83B	Portal IMP Suspension	Erect 3x150 AAAC	No
13B	Portal IMP Suspension	Erect 3x150 AAAC	No	48B	Portal IMP Suspension	Erect 3x150 AAAC	No	84B	Portal IMP Suspension	Erect 3x150 AAAC	No
14B	Portal IMP Suspension	Erect 3x150 AAAC	No	49B	Portal IMP Suspension	Erect 3x150 AAAC	No	85B	Portal IMP Suspension	Erect 3x150 AAAC	No
15B	Portal IMP Suspension	Erect 3x150 AAAC	No	50B	Portal IMP Suspension	Erect 3x150 AAAC	No	86B	Portal IMP Suspension	Erect 3x150 AAAC	No
16B	Portal IMP Suspension	Erect 3x150 AAAC	No	51B	Portal IMP Suspension	Erect 3x150 AAAC	No	87B	Portal IMP Suspension	Erect 3x150 AAAC	No
17B	Portal IMP Suspension	Erect 3x150 AAAC	No	52B	Portal IMP Suspension	Erect 3x150 AAAC	No	88B	Portal IMP Suspension	Erect 3x150 AAAC	No
18B	Portal IMP Suspension	Replace with proposed 15m Portal	No	53B	Portal IMP Suspension	Replace with proposed 15m Portal	No	89B	Portal IMP Suspension	Erect 3x150 AAAC	No

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Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)
19B	Portal IMP Suspension	Replace with proposed 15m Portal	No	54B	Portal IMP Suspension	Erect 3x150 AAAC	No	90B	Portal IMP Suspension	Erect 3x150 AAAC	No
20B	Portal IMP Suspension	Erect 3x150 AAAC	No	55B	Portal IMP Suspension	Erect 3x150 AAAC	No	91B	Portal IMP Suspension	Erect 3x150 AAAC	No
21B	Portal IMP Suspension	Erect 3x150 AAAC	No	56B	Portal IMP Suspension	Erect 3x150 AAAC	No	92B	Portal IMP Suspension	Erect 3x150 AAAC	No
22B	LAP Strain	Erect 3x150 AAAC	No	57B	Portal IMP Suspension	Erect 3x150 AAAC	No	93B	Portal IMP Suspension	Erect 3x150 AAAC	No
23B	Portal IMP Suspension	Replace with proposed 14m Portal	No	58B	HAP	Erect 3x150 AAAC	No	94B	Portal IMP Suspension	Erect 3x150 AAAC	No
24B	Portal IMP Suspension	Replace with proposed 14m Porta	No	59B	Portal IMP Suspension	Erect 3x150 AAAC	No	95B	Portal IMP Suspension	Erect 3x150 AAAC	No
25B	Portal IMP Suspension	Erect 3x150 AAAC	No	60B	Portal IMP Suspension	Erect 3x150 AAAC	No	96B	Portal IMP Suspension	Erect 3x150 AAAC	No
26B	Portal IMP Suspension	Erect 3x150 AAAC	No	61B	Portal IMP Suspension	Erect 3x150 AAAC	No	97B	Portal IMP Suspension	Erect 3x150 AAAC	No
27B	Portal IMP Suspension	Erect 3x150 AAAC	No	62B	Portal IMP Suspension	Erect 3x150 AAAC	No	98B	Portal IMP Suspension	Erect 3x150 AAAC	No
28B	Portal IMP Suspension	Erect 3x150 AAAC	No	63B	Portal IMP Suspension	Erect 3x150 AAAC	No	99B	Portal IMP Suspension	Erect 3x150 AAAC	No
29B	Portal IMP Suspension	Replace with proposed 13m Portal	No	64B	Portal IMP Suspension	Replace with proposed 18m Portal	No	100B	Portal IMP Suspension	Erect 3x150 AAAC	No
30B	Portal IMP Suspension	Replace with proposed 13m Portal	No	65B	Portal IMP Suspension	Erect 3x150 AAAC	No	101B	Siemens Tower	Replace	No
31B	Portal IMP Suspension	Erect 3x150 AAAC	No	66B	Portal IMP	Erect 3x150 AAAC	No	102B	Portal IMP Suspension	Erect 3x150 AAAC	No
32B	Portal IMP Suspension	Erect 3x150 AAAC	No	67B	Portal IMP Suspension	Erect 3x150 AAAC	Yes	103B	Portal IMP Suspension	Erect 3x150 AAAC	No

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Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate Works	Structure within Designated Area (Y/N)
33B	Portal IMP Suspension	Erect 3x150 AAAC	No	68B	Portal IMP Suspension	Erect 3x150AAAC	Yes	104B	Portal IMP Suspension	Erect 3x150 AAAC	No
34B	Portal IMP Suspension	Replace with Proposed 16m Portal	No	69B	Portal IMP Suspension	Erect 3x150 AAAC	Yes	105B	Portal IMP Suspension	Erect 3x150 AAAC	No
35B	Portal IMP Suspension	Replace with proposed 15m Portal	No	70B	Portal IMP Suspension	Replace with proposed 19m Portal	No	106B	Portal IMP Suspension	Erect 3x150 AAAC	No
36B	Portal IMP Suspension	Erect 3x150 AAAC	No	71B	Portal IMP Suspension	Erect 3x150 AAAC	No	107B	Portal IMP Suspension	Replace with proposed 15m Portal	No
37B	Portal IMP Suspension	Erect 3x150 AAAC	No	72B	Portal IMP Suspension	Erect 3x150 AAAC	No	108B	LAP Strain	Erect 3x150 AAAC	No
38B	Portal IMP Suspension	Replace with proposed 15m Portal	No	73B	LAP Strain	Erect 3x150 AAAC	No	109B	Portal IMP Suspension	Erect 3x150 AAAC	No
39B	Portal IMP Suspension	Erect 3x150 AAAC	No	74B	HAP	Erect 3x150 AAAC	No	110B	Portal IMP Suspension	Erect 3x150 AAAC	No
40B	Portal IMP Suspension	Erect 3x150 AAAC	No	76B	HAP	Erect 3x150 AAAC	No	111B	50 Series Tower	Erect 3x150 AAAC	No

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Table A4.3.2: Ardnacrusha – Birdhill - Nenagh – Pole/Structure Details and Works

Pole No.	Structure Type	Proposed Uprate	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate	Structure within Designated Area (Y/N)	Pole No.	Structure Type	Proposed Uprate	Structure within Designated Area (Y/N)
242	Portal IMP	Proposed underground section and tie into existing poleset 242	No	247	Portal IMP	Proposed underground section and removal of existing poleset	No	252	Portal IMP	Proposed underground section and removal of existing poleset	No
243	Portal IMP	Proposed underground section and removal of existing poleset	No	248	Portal IMP	Proposed underground section and removal of existing poleset	No	253	HAP	Proposed underground section and removal of existing tower	No
244	Portal IMP	Proposed underground section and removal of existing poleset	No	249	Portal IMP	Proposed underground section and removal of existing poleset	No	-	-	-	-
245	Portal IMP	Proposed underground section and removal of existing poleset	No	250	Portal IMP	Proposed underground section and removal of existing poleset	No	-	-	-	-
246	Portal IMP	Proposed underground section and removal of existing poleset	No	251	Portal IMP	Proposed underground section and removal of existing poleset	No	-	-	-	-