

Riverside Energy Park

Environmental Statement Technical Appendices

APPENDIX:

D.1

PLANNING INSPECTORATE REFERENCE NUMBER:

EN010093

DOCUMENT REFERENCE:

SOUND SURVEY RESULTS

November 2018 | Revision 0 | APFP Regulation 5(2)(a)

Planning Act 2008 | Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

D.1 Sound Survey

Sound Survey Results

Location 1 – Daytime Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
25/02/18	10:22	61	77	56
	11:24	60	81	54
	12:25	60	75	55
	19:20	60	81	52
	20:27	58	68	52
	21:26	60	84	51
26/02/18	10:22	62	73	57
	11:30	61	71	56
	12:30	61	75	57
	19:21	60	73	55
	20:25	58	73	54
	21:29	57	69	52

Location 1 – Night-time Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
26/02/18	01:39	52	65	43
	02:24	54	79	43
	03:25	55	75	46
27/02/18	01:20	53	67	46
	02:21	53	68	46
	03:21	54	70	47

Location 2 – Daytime Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
25/02/18	10:43	55	68	52
	11:43	54	79	51
	12:43	54	79	50
	19:41	54	71	50
	20:45	54	72	50
	21:45	57	77	49
26/02/18	10:42	56	66	53
	11:48	55	69	52
	12:48	61	78	54
	19:42	55	74	52
	20:44	55	71	52
	21:48	53	71	51

Location 2 – Night-time Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
26/02/18	01:42	49	64	45
	02:42	52	72	45
	03:44	51	70	46
27/02/18	01:38	50	62	47
	02:41	49	62	47
	03:41	51	62	48

Location 3 – Daytime Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
25/02/18	10:00	53	68	48
	11:03	52	70	49
	12:05	55	75	49
	19:00	50	65	47
	20:01	49	64	47
	21:05	49	61	45
26/02/18	10:00	54	81	50
	11:08	57	73	54
	12:11	53	67	50
	19:00	54	68	50
	20:04	51	66	48
	21:06	53	77	49

Location 3 – Night-time Sound Survey Results

Date	Start Time	L _{Aeq,15mins}	L _{Amax,15mins}	L _{A90,15mins}
26/02/18	01:00	47	71	42
	02:04	47	66	42
	03:05	47	64	42
27/02/18	01:00	49	66	45
	02:00	50	65	46
	03:01	49	59	45