

APPENDIX 5J

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**Cumulative Air Quality  
Impacts**

**Grid**

**7\_22**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A99	Sham Wat House No. 30	806423.9	814974.1

**Grid**                **8\_23**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A97	San Shek Wan	807086.9	815893.8
ASR 2	A98	Sham Wat House No. 39	806750.0	815223.2

**Grid****8\_24**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A93	Sha Lo Wan House No. 1	808151.3	817083.9
ASR 2	A94	Sha Lo Wan House No. 5	808063.6	816855.2
ASR 3	A95	Sha Lo Wan House No. 9	807864.3	816721.0
ASR 4	A96	Tin Hau Temple at Sha Lo Wan	807763.9	816772.2

**Grid****9\_24**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A89	Government Flying Services Headquarters	808805.5	817481.3
ASR 2	A105	Hong Kong Business Aviation Centre	809063.1	817459.5
ASR 3	A106	DHL Central Asia Hub	809409.1	817546.7

**Grid**

**10\_23**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	P7	Tung Chung West Development	810606.4	816208.6
ASR 2	P8	Tung Chung West Development	810721.6	816411.5

**Grid**

**10\_24**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A67	Aviation Security Company Limited	810690.8	817066.5
ASR 2	A68	Tradeport Logistics Centre	811031.8	817451.5
ASR 3	A90	Tin Sum	809900.3	816812.5
ASR 4	A91	Kau Liu	809767.2	816768.7
ASR 5	A92	San Tau	809948.1	816617.4

**Grid**                    **10\_25**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A78	Gate Gourmet Catering Building	811029.6	818336.0



**Grid****11\_23**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A51	Yu Tung Court - Hor Tung House	812192.8	816401.5
ASR 2	A59	Ma Wan Chung	811320.8	816378.5
ASR 3	A60	Yat Tung Estate - Shun Yat House	811477.0	816119.3
ASR 4	A61	Yat Tung Estate - Mei Yat House	811675.9	815882.0
ASR 5	A62	Yat Tung Estate - Hong Yat House	811654.2	815754.3
ASR 6	A63	Yat Tung Estate - Ping Yat House	811475.6	815685.2
ASR 7	A64	Yat Tung Estate - Fuk Yat House	811299.9	815648.4
ASR 8	A65	Yat Tung Estate - Ying Yat House	811286.9	815772.8
ASR 9	A66	Yat Tung Estate - Sui Yat House	811307.5	816050.8

Grid

11\_24

ASR Ref in Model	ASR ID	Description	X	Y
ASR 1	A19	Coastal Skyline Block 5 - NLH Facade	812437.5	816918.6
ASR 2	A20	Coastal Skyline Block 5 - HKLR Facade	812439.3	816948.8
ASR 3	A21	La Rossa B - NLH Facade	812328.3	816934.8
ASR 4	A22	La Rossa B - HKLR Facade	812334.3	816963.7
ASR 5	A23	LeBleu No.1	812344.0	817041.4
ASR 6	A24	LeBleu No.31	812418.3	817105.2
ASR 7	A26	LeBleu No.2	812381.6	817025.2
ASR 8	A27	LeBleu No.22	812439.3	817069.2
ASR 9	A29	LeBleu Deux	812228.4	817073.3
ASR 10	A30	LeBleu Deux	812236.0	817148.2
ASR 11	A31	LeBleu Deux	812314.5	817158.2
ASR 12	A32	LeBleu Deux	812408.6	817170.1
ASR 13	A33	Seaview Crescent Block 5 - NLH Facade	812161.0	816991.5
ASR 14	A34	Seaview Crescent Block 5 - HKLR Facade	812171.2	817018.7
ASR 15	A35	Seaview Crescent Block 3 - NLH Facade	812062.2	817067.2
ASR 16	A36	Seaview Crescent Block 3 - HKLR Facade	812078.0	817072.8
ASR 17	A37	Seaview Crescent Block 1 - NLH Facade	811995.8	817096.3
ASR 18	A38	Seaview Crescent Block 1 - HKLR Facade	812013.9	817120.7
ASR 19	A39	Ling Liang Church E Wun Scondary School	812336.6	816816.4
ASR 20	A40	Ling Liang Church Sau Tak Primary School	812427.7	816809.4
ASR 21	A41	One Citygate	811973.3	816816.5
ASR 22	A42	One Citygate Bridge	812029.9	816826.6
ASR 23	A43	Fu Tung Shopping Centre	812125.8	816722.7
ASR 24	A44	Tung Chung Health Centre	812235.9	816690.5
ASR 25	A45	Ching Chung Hau Po Woon Primary School	812250.3	816660.8
ASR 26	A46	Po On Commercial Assocation Wan Ho Kan Primary School	812207.6	816634.4
ASR 27	A47	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	812288.5	816508.7
ASR 28	A48	Wong Cho Bau Secondary School	812352.4	816575.0
ASR 29	A49	Tung Chung Wan Telephone Exchange	812355.7	816690.1
ASR 30	A50	Yu Tung Court - Hei Tung House	812204.6	816472.1
ASR 31	A52	Fu Tung Estate - Tung Ma House	812063.2	816593.0
ASR 32	A53	Fu Tung Estate - Tung Shing House	811995.3	816475.7
ASR 33	A54	Tung Chung Crescent Block 1	811920.2	816519.9

ASR Ref in Model	ASR ID	Description	X	Y
ASR 34	A55	Tung Chung Crescent Block 3	811936.0	816621.3
ASR 35	A56	Tung Chung Crescent Block 5	811872.0	816690.4
ASR 36	A57	Tung Chung Crescent Block 7	811777.0	816694.8
ASR 37	A58	Tung Chung Crescent Block 9	811711.0	816626.1
ASR 38	A69	Tradeport Logistics Centre	811106.1	817513.5
ASR 39	A70	Cathay Pacific City	811287.2	817594.2
ASR 40	A71	Cathay Pacific City	811287.6	817756.1
ASR 41	A100	Man Tung Road Park	811905.5	817023.6
ASR 42	A101	Novotel Citygate Hong Kong	812089.6	816905.3
ASR 43	P3	Planned Park near One Citygate	811806.2	816944.7
ASR 44	P4	Planned Community Hall and Library	812263.1	816837.6
ASR 45	P9	Tung Chung West Development	811056.5	816536.1
ASR 46	P10	Tung Chung West Development	811277.9	816674.8
ASR 47	P11	Tung Chung West Development	811464.2	816825.3

**Grid****11\_25**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A72	Chek Lap Kok Fire Station	811283.1	817931.8
ASR 2	A73	LSG Sky Chefs	811094.8	818050.0
ASR 3	A74	LSG Sky Chefs	811115.4	818125.6
ASR 4	A75	Cathay Pacific Catering Services	811265.4	818232.9
ASR 5	A76	Cathay Pacific Catering Services	811297.4	818334.2
ASR 6	A77	Airport Police Station	811114.1	818195.6
ASR 7	A79	CNAC Tower	811691.2	818235.0
ASR 8	A80	Dragonair Tower	811785.8	818290.8
ASR 9	P12	Planned CAD Headquarters Site (F	811824.1	818457.5
ASR 10	P13	Planned CAD Headquarters Site (5	811819.6	818455.4

**Grid**

**11\_26**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A81	Regal Airport Hotel	811332.9	820016.4
ASR 2	A82	SkyCity Nine Eagles Golf Course	812111.5	819628.3
ASR 3	A83	SkyCity Nine Eagles Golf Course	812183.2	819796.5
ASR 4	A84	SkyCity Nine Eagles Golf Course	812142.3	819988.4
ASR 5	A85	Hong Kong SkyCity Marriott Hotel	812227.8	819992.0
ASR 6	A86	Hong Kong SkyCity Marriott Hotel	812272.6	820069.9
ASR 7	A87	AsiaWorld-Expo	812398.5	820276.6
ASR 8	A88	AsiaWorld-Expo	812447.3	820389.2
ASR 9	A102	Terminal 2 Sky Plaza	811708.1	819748.3
ASR 10	A103	SkyCity Nine Eagles Golf Course	811878.1	819854.9
ASR 11	A104	SkyCity Nine Eagles Golf Course	811950.6	819660.2

**Grid****12\_24**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	A1	Caribbean Coast Block 1 - NLH Facade	813097.7	817252.3
ASR 2	A2	Caribbean Coast Block 1 - BCF Facade	813069.8	817267.9
ASR 3	A3	Caribbean Coast Block 5 - NLH Facade	813027.2	817153.8
ASR 4	A4	Caribbean Coast Block 5 - BCF Facade	813002.9	817174.1
ASR 5	A5	Caribbean Coast Block 6 - NLH Facade	812951.7	817074.6
ASR 6	A6	Caribbean Coast Block 6 - BCF Facade	812931.2	817098.6
ASR 7	A7	Caribbean Coast Block 9 - NLH Facade	812850.8	817007.4
ASR 8	A8	Caribbean Coast Block 9 - BCF Facade	812836.1	817033.7
ASR 9	A9	Caribbean Coast Block 11 - NLH Facade	812777.9	816972.8
ASR 10	A10	Caribbean Coast Block 11 - BCF Facade	812767.0	817000.4
ASR 11	A11	Caribbean Coast Block 16 - NLH Facade	812662.6	816937.6
ASR 12	A12	Caribbean Coast Block 16 - BCF Facade	812656.0	816968.1
ASR 13	A13	Caribbean Coast (Phase 5)	812646.8	817136.5
ASR 14	A14	Caribbean Coast (Phase 5)	812753.8	817156.2
ASR 15	A15	Ho Yu College	812809.8	817242.1
ASR 16	A16	Ho Yu Primary School	812923.1	817227.5
ASR 17	A17	Coastal Skyline Block 1 - NLH Facade	812555.0	816918.3
ASR 18	A18	Coastal Skyline Block 1 - HKLR Facade	812550.8	816944.2
ASR 19	A25	LeBleu No.99	812523.5	817123.8
ASR 20	A28	LeBleu No.88	812518.8	817068.0
ASR 21	P1	Tung Chung East Development	812656.7	817664.7
ASR 22	P5	Planned Distict Open Space	812729.3	816845.9
ASR 23	P6	Planned Distict Open Space	812961.5	816951.5

**Grid**                    **12\_25**

<b>ASR Ref in Model</b>	<b>ASR ID</b>	<b>Description</b>	<b>X</b>	<b>Y</b>
ASR 1	P2	Tung Chung East Development	813218.2	818122.0

**Project** HZMB EIA  
**Title** : Grid 7\_22 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	214	214	214	214	214	96	96	96	96	96	22	22	22	22	22



**Project** HZMB EIA  
**Title** : Grid 8\_23 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	219	219	219	219	219	110	110	110	110	110	27	27	27	27	27
2	218	218	218	218	218	110	110	110	110	110	26	26	26	26	26

**Project** HZMB EIA

**Title** : Grid 8\_24 (NO2)

**Scenario** : Assume 50% Utilisation of Natural Gas in HK

<b>ASR Ref</b>	<b>1-hr 1.5m</b>	<b>1-hr 5m</b>	<b>1-hr 10m</b>	<b>1-hr 15m</b>	<b>1-hr 20m</b>	<b>24-hr 1.5m</b>	<b>24-hr 5m</b>	<b>24-hr 10m</b>	<b>24-hr 15m</b>	<b>24-hr 20m</b>	<b>Annual 1.5m</b>	<b>Annual 5m</b>	<b>Annual 10m</b>	<b>Annual 15m</b>	<b>Annual 20m</b>
1	246	246	245	243	241	134	134	134	133	132	47	47	47	46	46
2	235	235	235	234	234	131	131	131	131	130	45	45	44	44	44
3	232	232	232	232	232	130	130	130	130	130	44	44	44	44	44
4	233	233	233	233	233	131	131	131	130	130	44	44	44	44	44

**Project** HZMB EIA  
**Title** : Grid 9\_24 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	220	220	219	219	218	124	124	124	123	123	40	40	40	39	38
2	221	221	220	219	219	126	125	125	124	123	43	43	42	41	39
3	224	224	223	222	222	127	126	126	125	124	45	43	41	40	39

**Project** HZMB EIA  
**Title** : Grid 10\_23 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	207	207	207	207	206	102	101	101	101	101	25	25	25	25	25
2	209	209	209	209	209	104	104	104	104	103	26	26	26	26	26

**Project** HZMB EIA  
**Title** :Grid 10\_24 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr		1-hr		1-hr		24-hr		24-hr		24-hr		Annual		Annual	
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	
1	216	216	217	215	221	128	128	128	125	121	44	44	44	41	37	
2	216	216	215	214	214	125	124	122	119	118	44	43	41	39	37	
3	225	225	226	227	228	109	109	109	109	109	33	33	33	33	32	
4	215	215	215	216	216	109	109	109	109	108	32	32	32	32	32	
5	212	212	212	212	212	108	108	108	108	108	31	31	31	31	31	

**Project** HZMB EIA  
**Title** :Grid 10\_25 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	271	271	271	271	271	131	131	130	130	130	49	49	48	48	47

**Project** HZMB EIA  
**Title** : Grid 11\_23 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	195	195	195	195	195	108	108	108	108	107	28	28	27	26	26
2	200	200	200	200	200	105	105	105	104	104	25	25	25	25	25
3	198	198	198	198	197	102	102	102	102	101	25	25	24	24	24
4	198	198	198	197	197	104	104	103	103	102	25	25	25	24	24
5	197	197	197	197	197	102	102	101	101	101	24	24	24	24	23
6	197	197	197	197	197	101	101	100	100	100	24	24	23	23	23
7	198	198	198	198	198	101	101	101	101	100	23	23	23	23	23
8	199	199	199	199	198	102	102	102	101	101	23	23	23	23	23
9	202	202	202	202	202	103	103	103	103	103	24	24	24	24	24

**Project** HZMB EIA  
**Title** : Grid 11\_24 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr					24-hr					Annual		Annual		Annual	
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	
1	204	204	204	203	203	119	119	117	116	114	34	34	33	32	31	
2	203	203	203	203	203	118	118	117	115	114	33	33	33	32	31	
3	204	204	203	203	203	120	119	118	116	115	34	33	33	32	31	
4	203	203	203	203	203	118	118	117	116	114	33	33	32	31	31	
5	203	203	202	202	202	117	116	116	115	113	32	32	31	31	30	
6	202	202	202	202	202	115	115	115	114	113	32	32	31	31	30	
7	203	203	203	203	202	116	116	115	114	113	32	32	32	31	30	
8	203	203	203	202	202	116	116	115	114	113	32	32	31	31	30	
9	202	202	202	202	202	118	117	116	115	114	32	32	31	31	30	
10	202	202	202	202	202	117	117	116	115	114	32	32	31	31	30	
11	202	202	202	202	202	116	116	115	114	113	32	32	31	30	30	
12	202	202	202	202	202	115	115	114	114	113	32	32	31	30	30	
13	203	203	203	203	202	121	120	119	118	116	34	33	32	32	31	
14	203	203	202	202	202	120	120	119	117	115	33	33	32	31	30	
15	202	202	202	202	202	121	121	120	118	116	33	33	32	32	31	
16	202	202	202	202	202	120	120	119	118	116	33	33	32	32	31	
17	202	202	202	202	202	122	121	121	119	117	34	34	33	32	31	
18	202	202	202	202	202	121	121	120	119	117	34	34	33	32	31	
19	206	206	206	205	205	126	125	123	118	114	40	38	36	33	31	
20	206	206	206	205	205	125	124	122	118	114	40	39	36	34	32	
21	238	219	208	207	206	112	111	111	110	109	47	42	37	34	32	
22	243	236	213	211	209	119	117	114	112	110	54	45	36	33	31	
23	201	201	201	201	201	109	109	109	108	107	39	38	36	34	32	
24	201	201	201	201	201	109	109	109	108	108	38	38	36	34	32	
25	201	201	201	200	200	109	108	108	107	107	36	36	35	33	32	
26	201	201	200	200	200	107	107	107	107	106	35	34	34	33	32	
27	201	201	201	200	200	107	107	106	105	104	33	32	32	31	30	
28	201	201	201	200	200	109	109	107	106	105	34	34	33	32	31	
29	208	201	201	201	201	111	110	110	109	108	41	40	37	34	32	
30	201	201	201	200	200	106	106	105	104	103	31	31	31	30	30	
31	200	200	200	200	200	107	107	106	105	105	33	33	32	32	31	
32	200	200	200	200	200	109	108	107	106	105	32	31	31	30	30	
33	201	201	201	200	200	112	110	108	106	105	34	33	32	31	30	
34	201	201	201	201	200	109	108	108	107	106	34	34	33	32	31	
35	201	201	201	201	201	108	108	108	107	107	34	34	33	33	32	
36	201	201	201	201	201	109	109	108	107	106	34	34	33	32	31	



<b>37</b>	201	201	201	201	200	111	110	108	106	105	34	33	32	31	31
<b>38</b>	209	207	205	204	203	119	118	116	114	112	43	42	39	37	35
<b>39</b>	207	206	205	204	203	121	119	114	112	110	47	43	39	36	34
<b>40</b>	206	206	204	203	203	118	118	117	116	114	45	44	40	37	35
<b>41</b>	205	204	202	202	202	127	127	126	122	118	39	38	35	33	31
<b>42</b>	204	204	204	204	203	127	126	125	120	116	39	37	35	32	31
<b>43</b>	212	211	210	209	207	114	113	112	111	110	45	43	38	35	32
<b>44</b>	205	205	205	205	204	126	126	124	119	114	39	38	35	33	31
<b>45</b>	200	200	200	200	200	99	99	99	99	99	30	30	30	29	29
<b>46</b>	210	209	208	206	203	101	101	101	101	101	31	31	31	31	30
<b>47</b>	203	203	203	203	202	109	109	109	108	108	36	36	36	35	33

**Project** HZMB EIA  
**Title** : Grid 11\_25 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	219	218	218	215	214	125	125	125	123	121	51	49	49	42	40
2	218	218	218	217	217	121	121	121	120	120	42	42	42	40	39
3	216	216	216	216	215	122	121	121	121	120	41	41	41	40	39
4	214	214	214	214	213	121	121	121	120	120	43	43	43	41	39
5	215	215	215	214	213	119	119	119	119	119	43	43	43	40	39
6	215	215	215	214	214	121	121	121	121	120	41	40	40	39	39
7	220	217	214	213	213	130	129	128	126	123	43	42	42	40	38
8	220	219	217	213	212	123	123	123	122	122	44	43	43	40	38
9	222	219	219	214	213	123	123	123	122	122	47	45	45	40	38
10	219	217	217	214	213	123	123	123	122	122	46	45	45	40	38

**Project** HZMB EIA  
**Title** : Grid 11\_26 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	226	226	226	226	226	120	119	119	119	118	35	35	35	35	34
2	247	247	245	243	241	122	122	121	121	120	41	40	40	39	38
3	239	238	237	236	235	120	119	119	118	118	40	39	38	38	37
4	232	232	232	232	232	119	119	118	118	118	37	37	36	36	36
5	234	234	232	231	231	119	119	118	118	118	38	37	37	36	36
6	229	229	229	229	228	118	118	118	118	117	37	37	37	36	36
7	225	225	225	225	225	117	117	117	117	117	36	36	36	36	35
8	225	225	225	225	225	117	117	117	116	116	35	35	35	35	35
9	235	235	235	235	235	118	118	118	117	117	38	37	37	36	36
10	244	244	243	242	241	121	120	120	119	118	37	37	36	36	35
11	247	247	246	245	244	123	123	122	120	119	39	39	38	38	37

**Project** HZMB EIA  
**Title** : Grid 12\_24 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	192	192	192	192	192	105	104	103	100	98	31	31	30	29	27
2	193	192	192	192	192	104	104	102	100	97	31	30	29	28	27
3	193	193	193	193	193	105	104	103	100	97	31	31	30	29	27
4	193	193	193	192	192	104	103	102	100	97	30	30	29	28	27
5	194	194	194	194	194	106	105	103	101	97	32	32	30	29	27
6	193	193	193	193	193	104	104	102	100	97	31	30	29	28	27
7	194	194	194	194	194	106	105	103	101	98	32	31	30	29	27
8	193	193	193	193	193	105	104	103	100	98	30	30	29	28	27
9	194	194	194	193	193	106	105	104	101	98	31	31	30	28	27
10	193	193	193	193	193	105	104	103	100	98	30	30	29	28	27
11	193	193	193	193	193	108	108	105	103	100	31	31	30	28	27
12	193	193	193	193	193	107	106	104	102	99	30	30	29	28	27
13	192	192	192	192	192	101	101	100	99	97	28	28	27	27	26
14	192	192	192	192	192	100	100	99	98	97	28	28	27	27	26
15	193	193	192	192	192	101	101	99	98	96	29	29	28	27	26
16	193	192	192	192	192	102	101	100	99	97	29	29	28	27	26
17	193	193	193	193	193	108	108	106	103	101	32	31	30	29	27
18	193	193	193	193	193	107	107	105	103	100	31	30	29	28	27
19	193	193	192	192	192	103	102	101	100	98	29	28	28	27	26
20	193	193	192	192	192	104	103	102	100	99	29	28	28	27	26
21	191	191	191	191	191	95	95	95	94	94	24	24	24	24	24
22	196	196	195	195	195	115	114	109	103	97	38	37	33	30	27
23	201	201	201	200	200	114	113	107	98	93	43	40	33	29	27

**Project** HZMB EIA  
**Title** :Grid 12\_25 (NO2)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	201	201	201	201	201	107	107	106	106	105	27	27	27	27	26

**Project** HZMB EIA  
**Title** : Grid 7\_22 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	108	108	108	108	108	89	89	89	89	89	43	43	43	43	43

**Project** HZMB EIA  
**Title** Grid 8\_23 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	114	114	114	114	114	92	92	92	92	92	45	45	45	45	45
2	113	113	113	113	113	91	91	91	91	91	45	45	45	45	45

**Project** HZMB EIA  
**Title** Grid 8\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	130	130	130	129	129	96	96	96	95	95	47	47	47	47	47
2	129	129	129	129	129	95	95	95	95	95	47	47	47	47	47
3	129	129	129	129	129	95	95	95	95	95	47	47	47	47	47
4	129	129	129	129	129	95	95	95	95	95	47	47	47	47	47



**Project** HZMB EIA  
**Title** Grid 9\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	115	115	115	115	115	90	90	90	90	90	45	45	45	45	45
2	115	115	115	115	115	91	91	91	91	91	45	45	45	45	45
3	115	115	115	115	115	91	91	91	91	91	45	45	45	45	45

**Project** HZMB EIA  
**Title** Grid 10\_23 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	115	115	115	115	115	89	89	89	89	89	44	44	44	44	44
2	115	115	115	115	115	89	89	89	89	89	44	44	44	44	44

**Project** HZMB EIA  
**Title** Grid 10\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	116	116	116	116	115	91	91	91	90	90	45	45	45	45	45
2	117	116	116	116	116	91	91	91	90	90	46	45	45	45	45
3	116	116	115	115	115	90	90	90	90	90	45	45	45	45	45
4	116	116	116	116	115	90	90	90	90	90	45	45	45	45	45
5	115	115	115	115	115	90	90	90	90	90	45	45	45	45	45

**Project** HZMB EIA  
**Title** Grid 10\_25 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	131	131	131	131	131	96	96	96	96	96	48	48	48	48	48

**Project** HZMB EIA  
**Title** Grid 11\_23 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	119	119	119	119	119	90	90	90	90	90	44	44	44	44	44
2	120	120	119	119	119	90	90	90	90	90	44	44	44	44	44
3	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
4	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
5	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
6	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
7	119	119	119	119	119	90	90	90	90	90	44	44	44	44	44
8	119	119	119	119	119	90	90	90	90	90	44	44	44	44	44
9	119	119	119	119	119	90	90	90	90	90	44	44	44	44	44

**Project** HZMB EIA  
**Title** : Grid 11\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
2	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
3	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
4	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
5	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
6	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
7	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
8	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
9	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
10	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
11	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
12	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
13	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
14	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
15	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
16	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
17	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
18	119	119	119	119	119	91	91	91	91	91	45	45	45	45	45
19	119	119	119	119	119	91	91	91	91	91	46	46	45	45	45
20	119	119	119	119	119	91	91	91	91	91	46	46	45	45	45
21	122	121	120	119	119	92	91	91	91	91	46	46	46	45	45
22	123	121	119	119	119	92	92	91	91	91	47	46	46	45	45
23	121	121	120	119	119	91	91	91	91	91	46	46	46	45	45
24	121	120	120	119	119	91	91	91	91	91	46	46	46	45	45
25	120	120	120	119	119	91	91	91	91	91	46	46	46	45	45
26	120	120	120	120	119	91	91	91	91	91	46	46	46	45	45
27	120	120	120	119	119	91	91	91	91	91	45	45	45	45	45
28	120	120	120	120	119	91	91	91	91	91	45	45	45	45	45
29	121	121	120	119	119	91	91	91	91	91	46	46	46	45	45
30	120	120	120	119	119	91	91	91	91	91	45	45	45	45	45
31	120	120	120	120	119	91	91	91	91	91	45	45	45	45	45
32	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
33	120	120	120	120	120	91	91	91	91	91	46	45	45	45	45
34	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
35	121	120	120	120	120	91	91	91	91	91	45	45	45	45	45
36	121	121	121	120	120	91	91	91	91	91	45	45	45	45	45

<b>37</b>	121	121	121	120	120	91	91	91	91	91	45	45	45	45	45
<b>38</b>	120	120	119	119	119	91	91	91	91	91	46	46	46	46	45
<b>39</b>	120	120	120	120	119	92	91	91	91	91	46	46	46	46	45
<b>40</b>	120	120	120	119	119	92	91	91	91	91	46	46	46	46	45
<b>41</b>	119	119	119	119	119	92	91	91	91	91	46	46	46	45	45
<b>42</b>	119	119	119	119	119	92	91	91	91	91	46	46	45	45	45
<b>43</b>	122	121	121	120	120	91	91	91	91	91	46	46	46	45	45
<b>44</b>	119	119	119	119	119	91	91	91	91	91	46	46	45	45	45
<b>45</b>	121	121	121	121	120	91	91	91	91	91	45	45	45	45	45
<b>46</b>	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
<b>47</b>	121	121	121	121	120	91	91	91	91	91	46	46	46	46	45

**Project** HZMB EIA  
**Title** : Grid 11\_25 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	126	126	126	126	126	93	93	93	93	93	46	46	46	46	46
2	125	125	125	125	125	93	93	93	93	93	46	46	46	46	46
3	125	125	125	125	125	93	93	93	93	93	46	46	46	46	46
4	125	125	125	125	125	93	93	93	93	93	46	46	46	46	46
5	125	125	125	125	125	93	93	93	93	93	46	46	46	46	46
6	125	125	125	125	125	93	93	93	93	93	46	46	46	46	46
7	127	127	127	127	127	93	93	93	93	93	46	46	46	46	46
8	127	127	127	127	127	93	93	93	93	93	46	46	46	46	45
9	128	127	127	127	127	93	93	93	93	93	46	46	46	45	45
10	128	127	127	127	127	93	93	93	93	93	46	46	46	45	45



**Project** HZMB EIA  
**Title** : Grid 11\_26 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
2	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
3	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
4	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
5	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
6	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
7	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
8	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
9	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
10	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46
11	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46

**Project** HZMB EIA  
**Title** : Grid 12\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
2	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
3	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
4	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
5	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
6	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
7	119	119	119	118	118	91	91	91	91	91	44	44	44	44	44
8	119	119	119	118	118	91	91	91	91	91	44	44	44	44	44
9	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
10	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
11	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
12	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
13	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
14	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
15	119	119	118	118	118	91	91	91	91	91	44	44	44	44	44
16	119	119	119	119	119	91	91	91	91	91	44	44	44	44	44
17	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
18	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
19	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
20	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
21	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
22	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
23	119	119	119	119	119	91	91	91	91	91	45	44	44	44	44

**Project** HZMB EIA  
**Title** : Grid 12\_25 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	121	121	121	121	121	92	92	92	92	92	44	44	44	44	44

Project HZMB EIA  
 Title Grid 10\_24 (NO2)  
 Scenario : Assume 50% Utilisation of Natural Gas in HK

ASR A67	1-hr 1.5m 216	1-hr 5m 216	1-hr 10m 217	1-hr 15m 215	1-hr 20m 221	1-hr 25m 214	1-hr 30m 213	1-hr 35m 212	1-hr 40m 212	1-hr 45m 212
ASR A67	24-hr 1.5m 128	24-hr 5m 128	24-hr 10m 128	24-hr 15m 125	24-hr 20m 121	24-hr 25m 118	24-hr 30m 115	24-hr 35m 114	24-hr 40m 113	24-hr 45m 113
ASR A67	Annual 1.5m 44	Annual 5m 44	Annual 10m 44	Annual 15m 41	Annual 20m 37	Annual 25m 36	Annual 30m 35	Annual 35m 34	Annual 40m 33	Annual 45m 32
ASR A90	1-hr 1.5m 225	1-hr 5m 225	1-hr 10m 226	1-hr 15m 227	1-hr 20m 228	1-hr 25m 228	1-hr 30m 227	1-hr 35m 225	1-hr 40m 222	1-hr 45m 217
ASR A90	24-hr 1.5m 109	24-hr 5m 109	24-hr 10m 109	24-hr 15m 109	24-hr 20m 109	24-hr 25m 109	24-hr 30m 109	24-hr 35m 109	24-hr 40m 109	24-hr 45m 109
ASR A90	Annual 1.5m 33	Annual 5m 33	Annual 10m 33	Annual 15m 33	Annual 20m 32	Annual 25m 32	Annual 30m 32	Annual 35m 31	Annual 40m 31	Annual 45m 30
ASR A91	1-hr 1.5m 215	1-hr 5m 215	1-hr 10m 215	1-hr 15m 216	1-hr 20m 216	1-hr 25m 215	1-hr 30m 214	1-hr 35m 213	1-hr 40m 212	1-hr 45m 212
ASR A91	24-hr 1.5m 109	24-hr 5m 109	24-hr 10m 109	24-hr 15m 109	24-hr 20m 108	24-hr 25m 108	24-hr 30m 108	24-hr 35m 108	24-hr 40m 108	24-hr 45m 108
ASR A91	Annual 1.5m 32	Annual 5m 32	Annual 10m 32	Annual 15m 32	Annual 20m 32	Annual 25m 31	Annual 30m 31	Annual 35m 31	Annual 40m 30	Annual 45m 30

**Project** HZMB EIA  
**Title** Grid 10\_24 (RSP)  
**Scenario** : Assume 50% Utilisation of Natural Gas in HK

ASR A67	1-hr 1.5m 116	1-hr 5m 116	1-hr 10m 116	1-hr 15m 116	1-hr 20m 115	1-hr 25m 115	1-hr 30m 115	1-hr 35m 115	1-hr 40m 115	1-hr 45m 115
ASR A67	24-hr 1.5m 91	24-hr 5m 91	24-hr 10m 91	24-hr 15m 90	24-hr 20m 90	24-hr 25m 90	24-hr 30m 90	24-hr 35m 90	24-hr 40m 90	24-hr 45m 90
ASR A67	Annual 1.5m 45	Annual 5m 45	Annual 10m 45	Annual 15m 45	Annual 20m 45	Annual 25m 45	Annual 30m 45	Annual 35m 45	Annual 40m 45	Annual 45m 45
ASR A90	1-hr 1.5m 116	1-hr 5m 116	1-hr 10m 115	1-hr 15m 115	1-hr 20m 115	1-hr 25m 115	1-hr 30m 115	1-hr 35m 115	1-hr 40m 115	1-hr 45m 115
ASR A90	24-hr 1.5m 90	24-hr 5m 90	24-hr 10m 90	24-hr 15m 90	24-hr 20m 90	24-hr 25m 90	24-hr 30m 90	24-hr 35m 90	24-hr 40m 90	24-hr 45m 90
ASR A90	Annual 1.5m 45	Annual 5m 45	Annual 10m 45	Annual 15m 45	Annual 20m 45	Annual 25m 45	Annual 30m 45	Annual 35m 45	Annual 40m 45	Annual 45m 45
ASR A91	1-hr 1.5m 116	1-hr 5m 116	1-hr 10m 116	1-hr 15m 116	1-hr 20m 115	1-hr 25m 115	1-hr 30m 115	1-hr 35m 115	1-hr 40m 115	1-hr 45m 115
ASR A91	24-hr 1.5m 90	24-hr 5m 90	24-hr 10m 90	24-hr 15m 90	24-hr 20m 90	24-hr 25m 90	24-hr 30m 90	24-hr 35m 90	24-hr 40m 90	24-hr 45m 90
ASR A91	Annual 1.5m 45	Annual 5m 45	Annual 10m 45	Annual 15m 45	Annual 20m 45	Annual 25m 45	Annual 30m 45	Annual 35m 45	Annual 40m 45	Annual 45m 45