

Project Certification Number	1010963237
Certification Date	26/04/2017
Assessor Name	Suruchi Pathak
Assessor Number	20594
Assessor Company	Energia Design Concepts
Assessor Signature	

Client Details	Manly Civic Club
Project Address	Lot 1 2 West Promenade Manly NSW 2095

Software	FirstRate5 v 5.2.4a (FirstRate5)	Climate Zone	56
Averaged Simulated Energy: HEATING			32.6 MJ/m2 pa
Averaged Simulated Energy: COOLING			22.5 MJ/m2 pa
Averaged Simulated Energy: TOTAL			55.1 MJ/m2 pa

Averaged **NatHERS** Star Rating

5.9



Sole-Occupancy Unit (SOU) Thermal Performance Specifications

Unit Number	Certificate Number	Floor Area		Simulated Loads (area adjusted MJ/m2/y)		NatHERS	Rated with Downlights
		Conditioned	Unconditioned	Heating	Cooling	Star Rating	
1.01	1009377068	76.9	3.2	46.1	17.2	5.2/10	Yes
1.02	1009376631	76.9	3.2	39.6	13.7	5.8/10	Yes
1.03	1009376649	98.0	3.8	33.5	40.3	4.6/10	Yes
1.04	1009376656	52.9	3.9	19.1	31.9	6.0/10	Yes
1.05	1009376664	79.4	4.3	42.5	36.7	4.3/10	Yes
1.06	1009376672	85.2	3.9	14.8	11.5	7.9/10	Yes
1.07	1009376680	89.3	4.5	6.4	15.2	8.4/10	Yes
1.08	1009376698	55.2	4.1	19.7	13.4	7.4/10	Yes
1.09	1009376706	97.9	3.9	44.3	27.4	4.7/10	Yes
1.10	1009376714	70.7	3.7	37.0	21.0	5.4/10	Yes

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		Conditioned	Unconditioned	Heating	Cooling	Star Rating	
1.11	1009376722	84.0	8.3	13.0	14.0	7.9	Yes
2.01	1009376730	76.9	3.2	48.1	16.1	5.1	Yes
2.02	1009376748	76.9	3.2	41.5	12.3	5.8	Yes
2.03	1009376755	97.9	3.8	34.6	38.7	4.6	Yes
2.04	1009376763	52.9	3.9	20.1	29.9	6.1	Yes
2.05	1009376771	80.1	3.6	42.7	37.6	4.3	Yes
2.06	1009376789	85.2	3.9	14.0	11.8	8.0	Yes
2.07	1009376797	89.3	4.5	6.8	14.5	8.4	Yes
2.08	1009376805	55.2	4.1	20.7	13.1	7.4	Yes
2.09	1009376813	97.9	3.9	41.9	27.0	4.8	Yes
3.01	1009376847	76.8	3.2	53.0	12.4	5.0	Yes
3.02	1009376854	76.8	3.2	46.5	10.0	5.6	Yes
3.03	1009376862	106.1	5.7	38.6	25.8	5.1	Yes
3.04	1009376870	52.8	3.9	26.0	19.5	6.4	Yes
3.05	1009376888	80.1	3.6	36.2	24.9	5.3	Yes
3.06	1009376896	85.0	3.9	18.3	9.6	7.8	Yes
3.07	1009376904	88.8	4.5	10.7	12.3	8.2	Yes
3.08	1009376912	55.1	4.1	26.9	10.7	7.1	Yes
3.09	1009376920	97.7	3.8	50.2	21.4	4.7	No
4.01	1009376987	74.7	3.7	50.7	14.4	5.1	Yes
4.02	1009376995	75.2	3.7	41.5	11.5	5.9	Yes
4.03	1009377001	72.0	3.6	44.9	43.2	3.9	Yes
4.04	1009377019	51.9	3.9	15.8	28.7	6.5	Yes
4.05	1009377027	61.9	4.3	34.3	57.4	3.9	Yes
4.06	1009377035	128.8	5.7	33.1	15.7	6.2	Yes

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		Conditioned	Unconditioned	Heating	Cooling	Star Rating	
4.07	1009377043	133.9	4.7	36.0	17.6	5.8	Yes
5.01	1009376623	111.3	2.9	56.7	46.8	3.5	Yes
5.02	1009376953	136.4	2.9	47.2	31.7	4.3	Yes
5.03	1009376961	77.7	5.6	18.9	21.6	6.9	Yes
5.04	1009376979	113.9	4.3	30.2	23.3	5.8	Yes