

APPENDIX B

Proposed SHRRP Year Two Mechanical Systems Replacement Projects

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
2	Ascot Co-operative Homes Inc.	930 Queens Plate Dr.	132	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$184,842
2	Ascot Co-operative Homes Inc.	930 Queens Plate Dr.	132	Implement control system for boiler	\$13,265
2	Ascot Co-operative Homes Inc.	930 Queens Plate Dr.	132	Replace electric dryers with gas-fired models	\$9,565
2	Ascot Co-operative Homes Inc.	930 Queens Plate Dr.	132	Install high efficiency motors	\$9,239
2	Ascot Co-operative Homes Inc.	930 Queens Plate Dr.	132	Centralized control for fan-coil units in common area	\$19,249
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Replace electric dryers with gas-fired models	\$32,196
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Replace existing domestic hot water boilers with new condensing models	\$113,796
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Install solar panels to preheat domestic hot water	\$73,540
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Recover heat from exhaust air and use it to preheat make-up air	\$122,065
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Replace existing heating boilers with new high efficiency models	\$132,945
10	2 Mascot Place Co-operative Homes Inc.	2 Mascot Pl.	71	Install high efficiency motors	\$17,834
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Replace existing domestic hot water boilers with new condensing models	\$115,754
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$433,559
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Install carbon monoxide detection system to operate garage exhaust fans	\$14,897
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Replace existing heating boilers with new high efficiency models	\$185,604

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Install high efficiency motors	\$26,103
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Replace chillers with water cooled models equipped with heat recovery capability	\$516,465
10	Ahmadiyya Abode of Peace Inc.	3001 Finch Ave. W.	166	Install new direct digital control system to control all major building services components	\$116,298
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Replace electric dryers with gas-fired models	\$23,492
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$222,052
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Replace existing domestic hot water boilers with new condensing models	\$94,647
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Replace existing heating boilers with new high efficiency models	\$151,549
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Install high efficiency motors	\$26,103
10	B’Nai Brith Non-Profit Homes	15 Torresdale Ave.	61	Install new direct digital control system to control all major building services components	\$66,903
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Replace existing domestic hot water boilers with new condensing models	\$110,532
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Install solar panels to preheat domestic hot water	\$55,370
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Install carbon monoxide detection system to operate garage exhaust fans	\$7,389
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$179,620
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Replace existing heating boilers with new high efficiency models	\$127,722
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Install high efficiency motors	\$26,103
11	Hickory Tree Road Co-operative Homes	111 Hickory Tree Rd.	73	Install new direct digital control system to control all major building services components	\$74,845

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install high efficiency motors	\$31,325
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install a new direct digital control system to control all major building services components	\$115,754
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Replace existing domestic hot water boilers with new condensing models	\$112,490
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install solar panels to preheat domestic hot water	\$60,049
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$197,137
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Replace variable inlet vane on chiller compressor with variable frequency drive	\$67,556
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Recover heat from chiller to preheat domestic hot water	\$42,423
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Replace existing heating boilers with new high efficiency models	\$155,466
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install variable frequency drive on cooling tower fan	\$15,985
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install carbon monoxide detection system to operate garage exhaust fans	\$16,855.
11	Stanchester Charitable Foundation	15 Oxford Dr.	174	Install high efficiency motors	\$25,777
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Replace domestic hot water boilers for high pressure zone with new condensing models	\$150,135
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Install solar panels to preheat domestic hot water	\$80,938
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Install variable speed drives for make-up air units to maintain positive building pressurization	\$39,050
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Install carbon monoxide detection system to operate garage exhaust fans	\$19,249

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Replace existing heating boilers with new high efficiency models	\$369,693
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Convert upper zone make-up air unit from gas-fired heating to hydronic heating	\$144,260
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Install high efficiency motors	\$17,399
12	Artisan Charitable Foundation	25 Martha Eaton Way	318	Reinstate direct digital control system to control all major building services components	\$168,740
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Replace existing heating boilers with new high efficiency models	\$127,722
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Install high efficiency motors	\$70,602
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Install new direct digital control system to control all major building services components	\$102,589
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Replace existing domestic hot water heating system with self-contained condensing boiler	\$115,101
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$278,954
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Replace existing domestic hot water boilers with new condensing models	\$110,532
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave. W.	97	Install solar panels to preheat domestic hot water	\$54,935
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave W	97	Install carbon monoxide detection system to operate garage exhaust fans	\$10,001
12	Micah Homes Non-Profit Housing Corporation	2480 Eglinton Ave.	97	Replace domestic cold booster pump with a new pump system equipped with variable speed drive	\$27,191
13	Villa Otthon	4062 Old Dundas St.	202	Replace electric heating plant with a gas-fired heating plant	\$2,463,659

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
13	Villa Otthon	4062 Old Dundas St.	202	Install new direct digital control system to control all major building services components	\$168,740
13	Villa Otthon	4062 Old Dundas St.	202	Reinstate direct digital control system to control all major building services components	\$76,151
13	Villa Otthon	4062 Old Dundas St.	202	Install solar panels to preheat domestic hot water	\$60,375
13	Villa Otthon	4062 Old Dundas St.	202	Replace existing domestic hot water boilers with new condensing models	\$110,532
13	Villa Otthon	4062 Old Dundas St.	202	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$325,521
13	Villa Otthon	4062 Old Dundas St.	202	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
13	Villa Otthon	4062 Old Dundas St.	202	Install carbon monoxide detection system to operate garage exhaust fans	\$10,001
13	Villa Otthon	4062 Old Dundas St	202	Install high efficiency motors	\$22,943
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Replace existing domestic hot water boilers with new condensing models	\$110,532
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Install solar panels to preheat domestic hot water	\$60,049
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Install carbon monoxide detection system to operate garage exhaust fans	\$10,762
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Replace electric dryers with gas-fired models	\$18,596
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$209,322
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Replace existing heating boilers with new high efficiency models	\$155,466

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Install high efficiency motors	\$28,497
16	Avenel Non-Profit Housing Corporation	262 Ridley Blvd.	111	Install new direct digital control system to control all major building services components	\$115,754
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Install high efficiency motors	\$3,581
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Replace existing domestic hot water system with new condensing heaters	\$72,125
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Install solar panels to preheat domestic hot water	\$47,863
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$104,983
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$24,580
17	Tahanan Non-Profit Homes Corporation	6A Greenlaw Ave.	44	Replace electric dryers with gas-fired models	\$15,005
27	Jarvis George Housing Co-operative Inc.	279 Jarvis St.	107	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$197,137
27	Jarvis George Housing Co-operative Inc.	279 Jarvis St.	107	Replace electric dryers with gas-fired models	\$36,983
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Replace existing heating boilers with new high efficiency models	\$154,161
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Install high efficiency motors	\$34,045
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Provide variable speed drive for cooling tower fan	\$8,042
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Install new direct digital control system to control all major building services components	\$115,754
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Replace existing domestic hot water boilers with new condensing models	\$111,837
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Install solar panels to preheat domestic hot water	\$82,135

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Recover heat from chiller and use it to preheat domestic hot water	\$30,455
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Replace existing heating boilers with new high efficiency models	\$155,466
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$276,452
28	Muriel Collins Housing Co-operative	79 Richmond St. E.	128	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Replace existing domestic hot water boilers with new condensing models	\$110,532
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Install solar panels to preheat domestic hot water	\$66,250
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Install variable speed drives for make-up air units to maintain positive building pressurization	\$39,050
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Replace existing heating boilers with new high efficiency models	\$154,161
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Convert upper zone make-up air unit from gas-fired heating to hydronic heating	\$130,551
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Install high efficiency motors	\$17,399
29	Broadview Housing Co-operative	1050 Broadview Ave.	111	Install new direct digital control system to control all major building services components	\$142,193
31	Liberty Housing Co-operative	7 Glenburn Ave.	55	Replace existing domestic hot water boilers with new condensing models	\$121,085
31	Liberty Housing Co-operative	7 Glenburn Ave.	55	Install solar panels to preheat domestic hot water	\$55,153
31	Liberty Housing Co-operative	7 Glenburn Ave.	55	Convert existing make-up air unit from gas-fired to hydronic heating with variable speed drive	\$107,159

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
31	Liberty Housing Co-operative	7 Glenburn Ave.	55	Install high efficiency motors	\$13,047
32	Akwa Honsta Non-Profit Housing Corp.	23 Edgewood Ave.	24	Replace existing domestic hot water boilers with new condensing models	\$39,812
32	Akwa Honsta Non-Profit Housing Corp.	23 Edgewood Ave.	24	Install solar panels to preheat domestic hot water	\$38,615
32	Akwa Honsta Non-Profit Housing Corp.	23 Edgewood Ave.	24	Replace existing heating boilers with new high efficiency models	\$49,060
32	Akwa Honsta Non-Profit Housing Corp.	23 Edgewood Ave.	24	Install new direct digital control system to control all major building services components	\$49,713
32	Akwa Honsta Non-Profit Housing Corp.	136 Kingston Rd.	93	Replace existing domestic hot water boilers with new condensing heaters	\$39,812
32	Akwa Honsta Non-Profit Housing Corp.	136 Kingston Rd.	93	Install solar panels to preheat domestic hot water	\$40,247
32	Akwa Honsta Non-Profit Housing Corp.	136 Kingston Rd	93	Replace existing heating boilers with new high efficiency models	\$92,036
32	Akwa Honsta Non-Profit Housing Corp.	136 Kingston Rd	93	Replace electric dryers with gas-fired models	\$22,948
32	Akwa Honsta Non-Profit Housing Corp.	136 Kingston Rd	93	Install new direct digital control system to control all major building services components	\$49,713
32	Project Esperance	20 Trent Ave	111	Install high efficiency motors	\$30,347
32	Project Esperance	20 Trent Ave.	111	Replace existing domestic hot water heat exchanger/boiler combination with new condensing models	\$88,011
32	Project Esperance	20 Trent Ave.	111	Install solar panels to preheat domestic hot water	\$59,940
32	Project Esperance	20 Trent Ave.	111	Install a carbon monoxide detection system to operate garage exhaust fans	\$6,737
32	Project Esperance	20 Trent Ave.	111	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$286,353
32	Project Esperance	20 Trent Ave	111	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
32	Project Esperance	20 Trent Ave	111	Replace existing heating boilers with new high efficiency models	\$132,945
32	Project Esperance	20 Trent Ave.	111	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave E	62	Install solar panels to preheat domestic hot water	\$54,827
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave E	62	Replace existing domestic hot water boilers with new condensing models	\$95,953
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave E	62	Replace electric dryers with gas-fired models	\$19,467
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave E	62	Convert existing make-up air units from gas-fired to hydronic heating with variable speed drive	\$117,060
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave. E.	62	Install variable speed drive on main heating/cooling pumps	\$20,228
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave. E.	62	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$21,207
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave. E.	62	Replace existing heating boilers with new high efficiency models	\$139,582
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave. E.	62	Install high efficiency motors	\$11,851
35	Glen Park Co-operative Homes Inc.	2495 Eglinton Ave. E.	62	Install new direct digital control system to control all major building services components	\$84,529
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Replace existing domestic hot water boilers with new condensing models	\$110,532
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Install solar panels to preheat domestic hot water	\$59,940
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Install carbon monoxide detection system to operate garage exhaust fans	\$10,763
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Replace make-up air units with new units equipped with variable speed drive and glycol heating	\$269,380

Ward	Provider Name	Project Address	No. of Units	Project Summary	Estimated Capital Costs
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Replace domestic cold water booster pump with a new pump system equipped with variable speed drive	\$27,191
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Replace existing heating boilers with new high efficiency models	\$155,467
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Install new direct digital control system to control all major building services components	\$115,755
36	Gardenview Co-operative Homes Inc.	3370 Kingston Rd.	86	Install high efficiency motors	\$36,917

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