

ECE 472F Quiz #1 Numerical Answers – Fall, 2013

Question 1

- (a) \$107 000.
- (b) \$72 000.
- (c) \$102 833.

Question 2

- (a) Ekwan: 56 818 MW-hr/yr; Selkirk: 43 182 MW-hr/yr.
- (b) Ekwan: 60 000 MW-hr/yr; Selkirk: 74 286 MW-hr/yr; Import: 25 714 MW-hr/yr.
- (c) Import until production level of 194 286 MW-hr/yr; then Selkirk until maximum production of 205 000 MW-hr/yr.

Question 3

Recommend bank loan for an annual savings of \$45 500.