

For accuracy in power readings this motor will be operated on Direct Current and to furnish this current a suitably designed motor generator set will be installed to operate on the 4000 volt primary(A.C.)current from the Montreal Light, Heat and Power Consolidated lines.

The grinder, however, will only be operated occasionally, probably not more than six hours per week based on a five year contract and for the large majority of the tests it will not consume more than its normal demand of 150 K.W.

From the point of view of staff requirements it is very improbable that the Screen Department and the Paper Making Department will be operated simultaneously. On this basis 60 K.W. may be taken as the probable maximum for mill power requirements exclusive of the grinder. As this is based on connected load the normal operating requirements would probably be from 45-50 K.W.

With these peculiar operating conditions it would seem reasonable to hope that a power contract could be devised which would meet with the approval of the Montreal Light, Heat and Power Consolidated Co. and at the same time be fair to us under our exceptional conditions of operation.

Such a contract might be based on the following points:-

- 1 That we pay stand-by charges on 115 K.W., our total connected load exclusive of the grinder.
- 2 That we pay for all power consumed on some mutually agreed scale of rates.
- 3 On the basis of payment as outlined in 1 and 2 above that we be allowed to increase our power demand up to 150 K.W. for a maximum of six hours a week, accumulative, but said demand never to exceed 18 hours in any one week.
- 4 On the same basis of payment that we be allowed to increase our demand up to a maximum of 225 K.W.

Power