

APPENDIX I.

Progress of Electric Smelting in Norway.

Extract from letter to Dr. Eugene Haugel, Director of Mines, from one of the inventors of the Electric Shaft Furnace, Sweden.

"LUDVICA, March 9, 1909.

"As I believe it to be of interest to you, I can tell you that we recently made a contract for an electric smelting plant in Norway. The first installation will be built this summer, and includes two shaft furnaces, 2,500 horse-power each, and two steel furnaces, 100 horse power each. All the furnaces are to be supplied with two-phase current. The plant will later be extended with four more shaft furnaces of the same size, and four steel furnaces of larger size.

"At present we are busy with the working out of the drawings and specifications for this plant. Besides the electric smelting plant, the installation will include also a rolling mill for billets and flat iron. We have every reason to suppose that the plant will be erected in a perfectly modern and commercial way, as everything is newly designed.

"As soon as the drawings are ready, we shall be glad to send you an outline drawing of the whole plant, from which you will be able to see the arrangement of the different parts.

"(Signed) OTTO STÅLHANE."