

Albany and Troy, returning empty; offers have been made this year (1874) to supply coal of best quality at \$6.50 per ton, delivered at the works.

The estimates of cost of fuel in pig metal productions, are charcoal 8 cents per bushel, and coal \$7 per ton.

The use of peat in this manufacture, in consequence of its purity from chemicals, injurious to iron and steel, and its cheapness, is a matter deserving much careful consideration.

COST OF MANUFACTURING.

The cost of making a ton of metal is taken as \$20.00 per ton, this is a full estimate, as see Dr. Chapman's Report, Folio 13 :

Mining, hauling and breaking $1\frac{1}{2}$ tons of ore	\$ 3.00
Charcoal 24 cwt. at 8 cts. the bushel of 18 lbs.....	12.00
Limestone, &c.....	0.15
Labour and furnace expenses	4.50
	<u>\$19.65</u>

Mr. F. Rumpf, of West Point Foundry, Cold Springs, gives the cost per ton of metal at \$19.60.

WEST POINT FOUNDRY,

COLD SPRINGS, Oct. 30th, 1873.

SCHEDULE No. 1

Cost of labor to produce, say 30 tons of iron per 34 hours.

Assuming 340 working days in one year, $= 340 \times 30 = 10,200$ tons.

2 Main Keepers	@ \$2.50 per day.....	\$5.00
2 Helpers to Keepers	" 2.00 "	4.00
2 Top Fillers	" 1.50 "	3.00
8 Stock Men	" 1.00 "	8.00
4 Laborers	" 1.00 "	4.00
3 Cinder Men	" 1.00 "	3.00
1 Blacksmith	" 2.00 "	2.00
2 Weighers	" 1.50 "	3.00
2 Teamsters	" 1.25 "	2.50
2 Engineers, one \$2.50 and one \$2.00.....		4.50

Total.....\$39.00