DIAGRAM SHOWING HOW THE HEAT IN 1 LB. OF COAL IS UTILIZED IN THREE CHARACTERISTIC PLANTS.

| Modern Steam Plant o 250 B.F. | Pressure Gas Plant 250 B.P. | Suction Gas Plant 40 B.P. |
|----------------------------------|---|---------------------------------------|
| Loss in Conversion | Loss in Radiation in Ashes, in Cooling Gas, in Purifiers, | Loss in Conversion |
| Loss due to | and in Steam Boiler. | |
| Condenser & Feed Pump | 4 | |
| | Loss in | Loss in Cooling Cylinder |
| Loss at | Cooling Cylinder Friction etc. | Friction etc. |
| Exhaust | | · · · · · · · · · · · · · · · · · · · |
|)) | | |
| | | |
| Loss due to Friction Useful Work | Useful Work | Useful Work |