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FIVE-YEAR INVESTMENT PLAN AND CAPITAL EQUIPMENT REQUIREMENTS  
OF THE DEPARTMENT OF METALLURGY, GDR MINISTRY OF HEAVY INDUSTRY

This report has three parts. The first, a draft of the Five-Year Investment Plan of the Department of Metallurgy, Ministry of Heavy Industry, consists of two tables showing the over-all plan of investments (in 1,000 Deutsche marks) and a breakdown of this plan by mines or subdivisions of enterprises. The second part gives the quantity and/or value of capital equipment requirements of three industrial plan groups under the Department of Metallurgy for the 5-year period. The third part lists changes in delivery dates for investment items within the projects.

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## 1. DRAFT OF FIVE-YEAR INVESTMENT PLAN OF THE DEPARTMENT OF METALLURGY, MINISTRY OF HEAVY INDUSTRY

(figures in 1,000 Deutsche marks)

## OVER-ALL PLAN

27 May 1951

| Project                | Actual<br>1950 | Planned Investments |         |         |         |        |         | Total<br>1951-1955                                                                  | Remarks |
|------------------------|----------------|---------------------|---------|---------|---------|--------|---------|-------------------------------------------------------------------------------------|---------|
|                        |                | 1951                | 1952    | 1953    | 1954    | 1955   |         |                                                                                     |         |
| A. Ore Mining          |                |                     |         |         |         |        |         |                                                                                     |         |
| 1. Iron ore mining     | 2,482          | 7,505               | 24,500  | 22,900  | 15,730  | 8,870  | 79,505  | Includes raising 1951 plan amount for Maxhuetten mine by 20,000 DM (Deutsche marks) |         |
| 2. Copper ore mining   | 12,570         | 27,250              | 36,600  | 29,000  | 22,000  | 15,000 | 129,850 |                                                                                     |         |
| 3. Lead ore mining     | 3,661          | 11,300              | 34,000  | 81,130  | 60,490  | 45,710 | 232,630 |                                                                                     |         |
| 4. Tin ore mining      | 1,254          | 5,470               | 9,900   | 7,530   | 3,135   | 2,510  | 28,545  |                                                                                     |         |
| 5. Tungsten ore mining | 601            | 1,605               | 3,500   | 4,000   | 3,200   | 2,950  | 15,255  |                                                                                     |         |
| 6. Nickel ore mining   | --             | 80                  | 2,000   | 5,000   | 3,500   | 2,000  | 12,580  |                                                                                     |         |
| 7. Antimony ore mining | --             | 185                 | 600     | 500     | 500     | 440    | 2,225   |                                                                                     |         |
| Total ore mining       | 20,578         | 53,395              | 111,100 | 150,060 | 107,655 | 77,480 | 499,690 |                                                                                     |         |

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B. Iron Industry

|                                       |        |        |         |         |         |        |         |                                                                                        |
|---------------------------------------|--------|--------|---------|---------|---------|--------|---------|----------------------------------------------------------------------------------------|
| 8. Fuerstenber                        | 5,000  | 74,040 | 150,000 | 184,000 | 144,000 | 13,000 | 565,040 |                                                                                        |
| 9. Calbe (exclud-<br>ing mines)       | 2,162  | 23,520 | 48,400  | 47,230  | 38,000  | 610    | 157,760 | Includes raising 1951 plan<br>sum by 9,700,000 DM                                      |
| 10. Maxhuetten (ex-<br>cluding mines) | 13,231 | 22,400 | 7,740   | 34,140  | 30,640  | 22,320 | 117,240 | Includes raising 1951 plan<br>sum for foundry and ce-<br>ment works by 6,980,000<br>DM |
| 11. Doehlen                           | 3,215  | 25,160 | 55,000  | 36,740  | 20,580  | 11,490 | 148,970 |                                                                                        |
| 12. Brandenburg                       | 49,422 | 52,600 | 55,000  | 58,800  | 53,200  | 1,000  | 220,600 |                                                                                        |
| 13. Riesa                             | 38,842 | 39,660 | 20,000  | 47,400  | 13,650  | 32,500 | 153,210 |                                                                                        |
| 14. Groeditz                          | 34,300 | 18,640 | 15,560  | 24,195  | 42,000  | 11,720 | 112,415 |                                                                                        |
| 15. Finow                             | 681    | 3,777  | 10,000  | 10,990  | 9,000   | 9,000  | 42,767  |                                                                                        |
| 16. Ferroalloy<br>plants              | 578    | 6,480  | 8,455   | 8,360   | 3,100   | 2,500  | 28,895  |                                                                                        |
| 17. Dolomite works                    | 1,454  | 2,370  | 1,800   | 1,500   | --      | --     | 5,670   |                                                                                        |
| 18. Roll-casting<br>plants            | --     | 3,460  | 5,000   | 3,840   | 300     | 100    | 12,700  |                                                                                        |
| 19. Heanigsdorf                       | 22,462 | 16,127 | 3,000   | 4,000   | 3,320   | 1,160  | 27,607  |                                                                                        |
| 20. Ilsenburg                         | 3,225  | 4,370  | 4,400   | 3,065   | 585     | 290    | 12,710  |                                                                                        |
| 21. Willy Becker                      | 6,233  | 1,785  | 700     | 1,500   | 1,630   | 50     | 5,665   |                                                                                        |

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|                                                                                                                                    |         |         |         |         |         |         |           |
|------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|-----------|
| 22. Burg                                                                                                                           | 1,810   | 1,331   | 500     | 150     | --      | --      | 1,981     |
| 23. Olberhau                                                                                                                       | 960     | 2,289   | 1,400   | 1,430   | 800     | 700     | 6,619     |
| 24. Auerhammer                                                                                                                     | 536     | 1,890   | 1,600   | 3,000   | 1,730   | 2,500   | 10,720    |
| 25. Dresden                                                                                                                        | --      | 67      | --      | --      | --      | --      | 67        |
| 26. Cold-rolling mill and drawing installation                                                                                     | 1,372   | 1,520   | 595     | 1,465   | 345     | 245     | 4,170     |
| 27. Federation of People-Owned Enterprises EFW (iron processing works), and rolling mill and drawing installations. administration | 320     | 270     | 150     | --      | --      | --      | 420       |
| Total iron industry                                                                                                                | 185,843 | 302,056 | 389,300 | 471,805 | 362,880 | 109,185 | 1,635,226 |

C. Nonferrous Metals Industry

|                                |       |        |        |        |        |        |         |
|--------------------------------|-------|--------|--------|--------|--------|--------|---------|
| 28. Mansfeld (excluding mines) | 5,420 | 19,420 | 19,320 | 30,000 | 25,500 | 14,900 | 109,140 |
| 29. Halsbruecke                | 1,307 | 3,000  | 2,270  | 3,030  | 4,800  | 1,800  | 14,900  |
| 30. Muldenhuetten              | 1,057 | 4,175  | 6,750  | 4,100  | 4,850  | 3,300  | 23,175  |

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|                                                                                                   |        |        |        |        |        |        |         |
|---------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|---------|
| 31. Zinkhuetten                                                                                   | --     | 35     | 4,600  | 15,000 | 11,000 | 805    | 31,500  |
| 32. Kuhschnappel<br>Nickel Works                                                                  | --     | --     | --     | 5,000  | 5,000  | 2,000  | 12,000  |
| 33. Merseburg                                                                                     | 1,437  | 850    | 590    | 1,180  | 1,020  | 1,000  | 4,640   |
| 34. BMBW (Berlin<br>Metal & Semi-<br>finished Prod-<br>ucts Works)                                | 2,684  | 1,380  | 1,326  | 2,400  | 1,320  | 84     | 6,510   |
| 35. Rackwitz                                                                                      | 527    | 250    | 750    | 1,000  | 2,000  | 2,000  | 6,000   |
| 36. Aue and Ober-<br>schlema                                                                      | 883    | 402    | 350    | --     | --     | --     | 752     |
| 37. Freiberg Tin and<br>Lead Works                                                                | 617    | 585    | 145    | 680    | 525    | 950    | 2,885   |
| 38. Federation of<br>People Owned<br>Enterprises for<br>Nonferrous<br>Metals, adminis-<br>tration | 40     | 97     | 20     | 100    | --     | --     | 217     |
| Total nonferrous<br>metals industry                                                               | 13,972 | 30,254 | 36,121 | 62,490 | 56,015 | 26,839 | 211,719 |
| D- 39. Central Construc-<br>tor Office and<br>Research Insti-<br>tute                             | 1,087  | 1,136  | 3,420  | 4,200  | 3,000  | 2,000  | 13,756  |

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|                                        |         |         |         |         |         |         |           |
|----------------------------------------|---------|---------|---------|---------|---------|---------|-----------|
| E. 40. Minor projects not listed above | --      | --      | 3,000   | 2,000   | 2,000   | 2,000   | 9,000     |
| Grand total for metallurgy             | 221,480 | 386,841 | 542,941 | 690,555 | 531,550 | 217,504 | 2,369,391 |

## BREAKDOWN OF OVER-ALL PLAN

| Project               | Actual<br>1950 | Planned Investments |       |       |       |       | Total<br>1951-1955 | Remarks                                                                 |
|-----------------------|----------------|---------------------|-------|-------|-------|-------|--------------------|-------------------------------------------------------------------------|
|                       |                | 1951                | 1952  | 1953  | 1954  | 1955  |                    |                                                                         |
| A. Ore Mining         |                |                     |       |       |       |       |                    |                                                                         |
| 1. Iron Ore Mining    |                |                     |       |       |       |       |                    | After 1952 includes 12 million DM for 3 direct processing installations |
| a. Maxhuetten Mines   | 660            | 1,020               | 3,000 | 3,000 | 2,000 | 1,000 | 10,020             | 1952 and 1953 includes 2 million DM for direct processing installations |
| Kamadorf Mines        |                | 220                 |       |       |       |       |                    |                                                                         |
| Schmiedefeld Mines    | 619            | 471                 |       |       |       |       |                    |                                                                         |
| Wittmanagereuth Mines | 41             | 329                 |       |       |       |       |                    |                                                                         |

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b. Ironworks  
"West" Mines

|                                        |       |       |        |       |       |       |        |
|----------------------------------------|-------|-------|--------|-------|-------|-------|--------|
| Badeleben                              | 1,192 | 2,936 | 12,300 | 7,200 | 3,500 | 1,900 | 27,836 |
| Tangerniede-<br>rung and<br>Surpfeisen | 48    | 264   | 250    | 350   | 250   | 130   | 1,244  |

c. Harz iron ore  
mines

|                         |     |     |        |       |       |       |        |                                                                                                          |
|-------------------------|-----|-----|--------|-------|-------|-------|--------|----------------------------------------------------------------------------------------------------------|
| "Am Buschenber"<br>Elb. | 234 | 295 | 890    | 500   | 2,860 | 2,400 | 6,945  | 1954 and 1955 each in-<br>cludes 2 million DM for<br>direct processing instal-<br>lation                 |
| "Drauzsumpf"            | 348 | 715 | 2,100* | 4,400 | 3,000 | 400   | 10,715 | 1953 and 1954 each includes<br>2 million DM for direct<br>processing installation<br>*/Originally 2,200/ |

d. Ferromanganese  
mines

|              |       |       |       |       |     |        |
|--------------|-------|-------|-------|-------|-----|--------|
| Schmalkalden | 2,000 | 3,900 | 3,300 | 1,000 | 550 | 10,750 |
| Gottesgabe   |       | 960   | 1,400 | 1,000 | 900 | 4,260  |

## e. Schwarzenberg

|  |     |    |     |     |    |     |
|--|-----|----|-----|-----|----|-----|
|  | 295 | -- | 150 | 120 | 90 | 655 |
|--|-----|----|-----|-----|----|-----|

## f. Schleiz

|                          |       |       |       |        |        |       |        |                      |
|--------------------------|-------|-------|-------|--------|--------|-------|--------|----------------------|
|                          |       | 1,000 | 2,600 | 2,000  | 1,500  | 7,100 |        |                      |
| Total iron ore<br>mining | 2,482 | 7,525 | --*   | 22,900 | 15,730 | 8,870 | 79,525 | */Originally 24,500/ |

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|                                                         |        |        |         |         |         |        |         |
|---------------------------------------------------------|--------|--------|---------|---------|---------|--------|---------|
| d. Gottes-<br>berg                                      | 60     | 790    | 900     | 650     | 540     | 450    | 3,330   |
| Total tin<br>ore mining                                 | 1,254  | 5,470  | 9,900   | 7,530   | 3,135   | 2,510  | 28,545  |
| 5. Tungsten Ore<br>Mining                               |        |        |         |         |         |        |         |
| a. Pachtelsgruen                                        | 601    | 990    | 2,000   | 1,100   | 1,000   | 850    | 5,940   |
| b. Zschorlav                                            | --     | 615    | 1,500   | 2,900   | 2,200   | 2,100  | 9,315   |
| Total tungsten<br>ore mining                            | 601    | 1,605  | 3,500   | 4,000   | 3,200   | 2,950  | 15,255  |
| 6. Nickel Ore Mining<br>(Kuh Schnappel)                 | --     | 80     | 2,000   | 5,000   | 3,500   | 2,000  | 12,580  |
| 7. Antimony Ore<br>Mining (Oberboehms-<br>dorf)         | --     | 185    | 600     | 500     | 500     | 440    | 2,225   |
| Total nonferrous<br>metals mining<br>(excluding copper) | 5,516  | 18,640 | 50,000  | 98,160  | 69,925  | 53,610 | 290,335 |
| Total ore mining                                        | 20,578 | 53,395 | 111,100 | 150,060 | 107,655 | 77,480 | 499,690 |

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B. Iron Industry8. Fuerstenberg

|                                                    |       |        |          |           |         |        |         |                                                                               |
|----------------------------------------------------|-------|--------|----------|-----------|---------|--------|---------|-------------------------------------------------------------------------------|
| Blast furnace, including ore-dressing installation | 130   | 53,950 | 65,000   | 20,000    | 500     | --     | 117,240 | 1952 -- blast furnace III-VI (500 tons); 1953 -- blast furnace VII (500 tons) |
| Coking plant, including subsidiary chemical plant  | --    | --     | 61,000   | 49,000    | 500     | --     | 110,500 | 1952 -- 4 coking batteries; 1953 -- 3 batteries                               |
| Steel works                                        | --    | --     | 100      | 25,000    | 45,000  | --     | 70,100  |                                                                               |
| Rolling mills                                      | --    | --     | 100      | 50,000    | 75,000  | 7,000  | 132,100 |                                                                               |
| Forging press works                                | --    | --     | --       | --        | --      | --     | --      |                                                                               |
| Steel casting plant                                | --    | --     | --       | --        | --      | --     | --      |                                                                               |
| Auxiliary plants                                   | 4,870 | 20,090 | 23,800   | 40,000    | 23,000  | 6,000  | 112,890 |                                                                               |
| Total Fuerstenberg                                 | 5,000 | 74,040 | 119,000* | 215,000** | 144,000 | 13,000 | 565,040 | *[Originally 150,000];<br>**[Originally 184,000]                              |

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|                                                                              |       |        |        |        |        |       |         |                                                 |  |  |
|------------------------------------------------------------------------------|-------|--------|--------|--------|--------|-------|---------|-------------------------------------------------|--|--|
| 9. Calbe (exclud-<br>ing mines)                                              |       |        |        |        |        |       |         |                                                 |  |  |
| Low-shaft in-<br>stallations,<br>including aux-<br>iliary instal-<br>lations | 2,162 | 23,520 | 48,400 | 40,730 | 31,500 | 610   | 144,760 | Includes raising plan<br>amount by 9,700,000 DM |  |  |
| Tube-casting plant                                                           | --    | --     | --     | --     | --     | --    | --      |                                                 |  |  |
| Power plant                                                                  | --    | --     | --     | 6,500  | 6,500  | --    | 13,000  |                                                 |  |  |
| Total Calbe                                                                  | 2,162 | 23,520 | 48,400 | 47,230 | 38,000 | 610   | 157,760 |                                                 |  |  |
| 10. Maxhuetta (exclud-<br>ing mines)                                         |       |        |        |        |        |       |         |                                                 |  |  |
| Blast furnace,<br>including ore-<br>sintering plant                          | 4,365 | 6,638  | 950    | 15,800 | 17,000 | 7,200 | 47,588  | 1951 includes increase<br>by 438,000 DM         |  |  |
| Steelworks                                                                   | 1,372 | 4,485  | 3,150  | 5,400  | 2,900  | 3,400 | 19,335  | 1951 includes increase<br>by 3,400,000 DM       |  |  |
| Rolling mills                                                                | 3,125 | 7,015  | 2,400  | 6,660  | 4,160  | 3,200 | 23,435  | 1951 includes increase<br>by 1,130,000 DM       |  |  |
| Oepitz cold-<br>rolling mills                                                | 265   | 512    | --     | 160    | 580    | 620   | 1,872   | 1951 includes increase<br>by 12,000 DM          |  |  |
| Cement works                                                                 | --    | 2,050  | 710    | 120    | --     | --    | 2,880   | 1951 includes increase<br>by 2,000,000 DM       |  |  |

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|                                                            |        |        |         |          |        |        |         |                                                       |
|------------------------------------------------------------|--------|--------|---------|----------|--------|--------|---------|-------------------------------------------------------|
| Subsidiary and auxiliary plants                            | 4,104  | 1,700  | 530     | 6,000    | 6,000  | 7,900  | 22,130  |                                                       |
| Total Max-huette                                           | 13,231 | 22,400 | 7,740   | 34,140   | 30,640 | 22,320 | 117,240 | 1951 includes increase by 6,980,000 DM                |
| 11. Doehlen                                                |        |        |         |          |        |        |         |                                                       |
| Steelworks                                                 | 1,980  | 6,500  | 6,330   | 6,500    | 1,130  | --     | 20,460  |                                                       |
| Rolling mill                                               | 350    | 11,120 | 21,840  | 14,500   | 7,800  | 1,220  | 56,480  |                                                       |
| Forge shops, annealing and heat-treating plants            | 300    | 2,990  | 4,160   | 5,840    | 3,650  | 6,970  | 23,610  |                                                       |
| Generator installations, power supply and auxiliary plants | 585    | 4,550  | 22,670  | 9,900    | 8,000  | 3,300  | 48,420  |                                                       |
| Total Doehlen                                              | 3,215  | 25,160 | 45,000* | 46,740** | 20,580 | 11,490 | 148,970 | *[Originally 55,000];<br>**[Originally 36,740]        |
| 12. Brandenburg                                            |        |        |         |          |        |        |         |                                                       |
| Steelworks                                                 | 38,527 | 18,590 | 300     | 12,200   | 20,100 | --     | 51,190  | Furnace IX finished end of 1953; Furnace X-XIII, 1954 |
| Rolling mill                                               | 1,350  | 25,500 | 41,435* | 34,600   | 27,100 | --     | 130,100 | *[Originally 42,900]                                  |
| Auxiliary plants                                           | 9,505  | 8,510  | --*     | 12,000   | 6,000  | 1,000  | 39,310  | *[Originally 11,800]                                  |
| Total Brandenburg                                          | 49,422 | 52,600 | 55,000  | 58,800   | 53,200 | 1,000  | 220,600 |                                                       |

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## 13. Riesa

|                                           |        |        |         |          |        |        |         |                                            |
|-------------------------------------------|--------|--------|---------|----------|--------|--------|---------|--------------------------------------------|
| Steelworks, including steel casting plant | 22,411 | 9,206  | --      | 12,000   | 6,650  | 5,400  | 33,256  |                                            |
| Rolling mill                              | 10,138 | 8,405  | 6,000   | 2,100    | --     | --     | 16,505  |                                            |
| Tube works                                | 3,571  | 18,565 | 9,000   | 25,000   | --     | 25,000 | 77,565  |                                            |
| Subsidiary and auxiliary plants           | 2,722  | 3,484  | 5,000   | 8,300    | 7,000  | 2,100  | 25,884  |                                            |
| Total Riesa                               | 38,842 | 39,660 | 18,800* | 48,600** | 13,650 | 32,500 | 153,210 | *Originally 20,000;<br>**Originally 47,400 |

## 14. Groeditz

|                                        |        |       |        |        |        |       |        |  |
|----------------------------------------|--------|-------|--------|--------|--------|-------|--------|--|
| Steel works I                          | 6,172  | 1,200 | 500    | 830    | --     | --    | 2,530  |  |
| Steel works II                         | 17,291 | 4,900 | 1,000  | 1,375  | --     | --    | 7,275  |  |
| Chill-casting plant                    | 300    | 1,540 | --     | 300    | --     | --    | 1,840  |  |
| Large-scale forge                      | 8,183  | 9,400 | 12,760 | 14,790 | 10,000 | 4,120 | 51,070 |  |
| Fittings factory                       | 250    | 100   | 100    | --     | 2,000  | 3,000 | 5,200  |  |
| Heat-treating plant for railroad tires | 300    | 600   | --     | --     | --     | --    | 600    |  |
| Solid wheel rolling mill               | --     | --    | --     | 5,400  | 28,000 | 2,600 | 36,000 |  |

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|                                           |        |        |        |        |         |        |         |                                              |
|-------------------------------------------|--------|--------|--------|--------|---------|--------|---------|----------------------------------------------|
| Auxiliary plants                          | 1,804  | 1,200  | 1,200  | 1,500  | 2,000   | 2,000  | 7,900   |                                              |
| Total Groeditz                            | 34,300 | 18,940 | 15,560 | 24,195 | 42,000  | 11,720 | 112,415 |                                              |
| 15. Finow                                 |        |        |        |        |         |        |         |                                              |
| Plant I                                   | 681    | 1,400  | --     | 990    | --      | --     | 2,390   |                                              |
| Plant II                                  | --     | 2,377  | 10,000 | 10,000 | 9,000   | 9,000  | 40,377  |                                              |
| Total Finow                               | 681    | 3,777  | 10,000 | 10,990 | 9,000   | 9,000  | 42,767  |                                              |
| 16. Ferroalloy Works                      |        |        |        |        |         |        |         |                                              |
| Lippendorf                                | 578    | 3,380  | 1,320* | 2,960  | 600     | 1,000  | 10,095  | *[Originally 2,155]                          |
| Mueckenberg                               | --     | 3,100  | 6,670* | 5,400  | 2,130** | 1,500  | 18,800  | *[Originally 6,300];<br>**[Originally 2,500] |
| Total Ferroalloy works                    | 578    | 6,480  | -- *   | 8,360  | -- **   | 2,500  | 28,895  | *[Originally 8,455];<br>**[Originally 3,100] |
| 17. Dolomite Works                        |        |        |        |        |         |        |         |                                              |
| Wuenschendorf                             | 1,394  | 1,902  | --     | 200    | --      | --     | 2,102   |                                              |
| Crimmitschau<br>Langenreinsdorf<br>Quarry | --     | 292    | 1,800  | 1,000  | --      | --     | 3,092   |                                              |
| Pforten lime works                        | 100    | 76     | --     | 100    | --      | --     | 176     |                                              |
| Crimmitschau<br>dolomite quarry           | --     | 100    | --     | 200    | --      | --     | 300     |                                              |
| Total dolomite works                      | 1,494  | 2,370  | 1,800  | 1,500  | --      | --     | 5,670   |                                              |

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## 18. Roll-casting Plants

|                           |    |       |       |       |     |     |        |                     |
|---------------------------|----|-------|-------|-------|-----|-----|--------|---------------------|
| Cosvig                    | -- | 2,860 | 5,000 | 1,840 | --  | --  | 9,700  |                     |
| Quedlinburg               | -- | 600   | 350*  | 2,000 | 300 | 100 | 3,000  | *[Originally -]     |
| Total roll-casting Plants | -- | 3,460 | --*   | 3,840 | 300 | 100 | 12,700 | *[Originally 5,000] |

## 19. Hennigsdorf

|                                           |        |        |       |       |       |       |        |  |
|-------------------------------------------|--------|--------|-------|-------|-------|-------|--------|--|
| Steelworks                                | 4,296  | 2,640  | 175   | 1,400 | 400   | --    | 4,615  |  |
| Steel casting plant                       | 6,505  | 3,560  | --    | 600   | 1,000 | 200   | 5,360  |  |
| Velten chill-casting plant                | 567    | 2,030  | --    | 200   | 70    | --    | 2,300  |  |
| Rolling mill, including roll-turning shop | 7,880  | 4,217  | 1,890 | 800   | 650   | 60    | 7,617  |  |
| Auxiliary plants, including water supply  | 3,212  | 3,680  | 935   | 1,000 | 1,200 | 900   | 7,715  |  |
| Total Hennigsdorf                         | 22,462 | 16,127 | 3,000 | 4,000 | 3,320 | 1,160 | 27,607 |  |

## 20. Eisenburg

|                          |    |       |       |    |    |    |       |  |
|--------------------------|----|-------|-------|----|----|----|-------|--|
| Heavy plate-rolling mill | -- | 3,367 | 3,755 | 30 | -- | -- | 7,152 |  |
|--------------------------|----|-------|-------|----|----|----|-------|--|

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|                                                |       |       |       |       |       |       |        |
|------------------------------------------------|-------|-------|-------|-------|-------|-------|--------|
| Medium plate-rolling mill                      | 2,344 | --    | 50    | 1,525 | --    | --    | 1,575  |
| Copper foundries                               | --    | 133   | 60    | --    | --    | --    | 193    |
| Copper electrolysis unit                       | --    | 250   | 10    | --    | --    | --    | 260    |
| Blast-furnace installation                     | --    | 250   | 90    | --    | --    | --    | 340    |
| Flange work installation                       | --    | --    | --    | 250   | --    | --    | 250    |
| Auxiliary plants                               | 881   | 370   | 435   | 1,260 | 585   | 290   | 2,940  |
| Total Ilseburg                                 | 3,225 | 4,370 | 4,400 | 3,065 | 585   | 290   | 12,710 |
| 21. Willy Becker                               | 6,233 | 1,785 | 700   | 1,500 | 1,630 | 50    | 5,665  |
| 22. Burg                                       | 1,810 | 1,331 | 500   | 150   | --    | --    | 1,981  |
| 23. Olberhau                                   | 960   | 2,289 | 1,400 | 1,430 | 800   | 700   | 6,619  |
| 24. Auerhammer                                 | 536   | 1,890 | 1,600 | 3,000 | 1,730 | 2,500 | 10,720 |
| 25. Dresden                                    | --    | 67    | --    | --    | --    | --    | 67     |
| 26. Cold-Rolling Mill and Drawing Installation |       |       |       |       |       |       |        |
| Oranienburg                                    | 307   | 140   | 100   | 200   | 40    | 40    | 520    |
| Chemnitz                                       | 557   | 550   | 560*  | 300   | 75    | 75    | 1,335  |

\*Originally 332

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|                                                                                                                                  |       |       |      |       |     |     |       |                   |
|----------------------------------------------------------------------------------------------------------------------------------|-------|-------|------|-------|-----|-----|-------|-------------------|
| Lugau                                                                                                                            | 112   | 130   | 10   | 415   | 80  | --  | 635   |                   |
| Delitzsch                                                                                                                        | --    | 150   | --   | --    | --  | --  | 150   |                   |
| Brotterode                                                                                                                       | 138   | 130   | 110* | 350   | 100 | 100 | 730   | *[Originally 50]  |
| Salzungen                                                                                                                        | 258   | 120   | 160* | 200   | 50  | 30  | 500   | *[Originally 100] |
| Schoeneweide                                                                                                                     | --    | 570*  | --   | --    | --  | --  | 300   | *[Originally 300] |
| Total cold-rolling mill and drawing installation                                                                                 | 1,372 | 1,520 | 595  | 1,465 | 345 | 245 | 4,170 |                   |
| 27. Federation of People Owned Enterprises, EFW (iron processing works and Rolling Mill and Drawing installation, Administration | 320   | 270   | 225* | --    | --  | --  | 420   | *[Originally 150] |

C. Nonferrous Metals Industry

|                                |       |       |       |        |        |       |        |  |
|--------------------------------|-------|-------|-------|--------|--------|-------|--------|--|
| 28. Mansfeld (excluding mines) |       |       |       |        |        |       |        |  |
| Crude metal smelting plant     | 3,062 | 8,500 | 7,500 | 13,000 | 10,000 | 6,900 | 45,900 |  |
| Smelting plant (refining)      | 371   | 5,920 | 5,850 | 9,000  | 8,000  | 3,000 | 31,770 |  |

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|                                     |       |        |        |        |        |        |         |
|-------------------------------------|-------|--------|--------|--------|--------|--------|---------|
| Power plants                        | 963   | 2,000  | 3,420  | 4,000  | 4,000  | 2,500  | 15,920  |
| Auxiliary plants                    | 1,024 | 3,000  | 2,550  | 4,000  | 3,500  | 2,500  | 15,550  |
| Total Mansfeld<br>(excluding mines) | 5,420 | 19,420 | 19,320 | 30,000 | 25,500 | 14,900 | 109,140 |
| 29. Halsbruecke                     | 1,307 | 3,000  | 2,270  | 3,030  | 4,800  | 1,800  | 14,900  |
| 30. Muldenbuetten                   |       |        |        |        |        |        |         |
| Short rotary<br>furnace             |       |        | 300    | 300    | --     | --     | 600     |
| Sintering instal-<br>lations        |       | 370    | --     | 800    | 150    | --     | 1,320   |
| Smelting instal-<br>lations         |       | --     | 1,000  | 2,000  | 1,000  | --     | 4,000   |
| Contact instal-<br>lations          |       | 1,800  | 4,250  | --     | 1,200  | 1,300  | 8,550   |
| Arsenic instal-<br>lations          |       | --     | --     | 100    | --     | --     | 100     |
| Antimony smelt-<br>ing              |       | --     | --     | 200    | 200    | --     | 400     |
| Long-distance gas<br>heating        |       | --     | --     | --     | 1,400  | 1,200  | 2,600   |
| Subsidiary and<br>auxiliary plants  |       | 2,005  | 1,200  | 700    | 900    | 800    | 5,605   |
| Total Mulden-<br>buetten            | 1,057 | 4,175  | 6,750  | 4,100  | 4,850  | 3,300  | 23,175  |

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|                                                                     |       |       |       |        |        |       |        |
|---------------------------------------------------------------------|-------|-------|-------|--------|--------|-------|--------|
| 31. Zinkhutte                                                       | --    | 95    | 4,600 | 15,000 | 11,000 | 805   | 31,500 |
| 32. Kuhschnappel<br>Wickel Works                                    | --    | --    | --    | 5,000  | 5,000  | 2,000 | 12,000 |
| 33. Merseburg                                                       | 1,437 | 850   | 590   | 1,180  | 1,020  | 1,000 | 4,640  |
| 34. BMW (Berlin<br>Metal and Semi-<br>finished Prod-<br>ucts Works) |       |       |       |        |        |       |        |
| Foundry                                                             | 295   | 260   | 238   | 150    | 65     | --    | 713    |
| BMW (Berlin<br>Semifinished<br>Products Works)                      | 713   | 670   | 950   | 1,746  | 1,100  | --    | 4,466  |
| "Special Bronze"<br>Plant                                           | 239   | 450   | 138   | 504    | 155    | 84    | 1,331  |
| Total BMW                                                           | 1,247 | 1,380 | 1,326 | 2,400  | 1,320  | 84    | 6,510  |
| 35. Rackwitz                                                        | 527   | 250   | 750   | 1,000  | 2,000  | 2,000 | 6,000  |
| 36. Aue and Oberschlema                                             |       |       |       |        |        |       |        |
| Aue                                                                 | 688   | 210   | 350   | --     | --     | --    | 560    |
| Oberschlema                                                         | 195   | 192   | --    | --     | --     | --    | 192    |
| Total Aue and<br>Oberschlema                                        | 883   | 402   | 350   | --     | --     | --    | 752    |

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## 37. Freiberg Tin and Lead Works

|                                         |     |     |     |     |     |     |       |
|-----------------------------------------|-----|-----|-----|-----|-----|-----|-------|
| Tin smelting plant                      | 464 | 560 | 145 | 680 | 525 | 950 | 2,860 |
| Lead works                              | 153 | 25  | --  | --  | --  | --  | 25    |
| Total tin smelting plant and lead works | 617 | 585 | 145 | 680 | 525 | 950 | 2,885 |

## 38. Federation of People-Owned Enterprises for Nonferrous Metals

|  |    |    |    |     |    |    |     |
|--|----|----|----|-----|----|----|-----|
|  | 40 | 97 | 20 | 100 | -- | -- | 217 |
|--|----|----|----|-----|----|----|-----|

|                                  |        |        |        |        |        |        |         |
|----------------------------------|--------|--------|--------|--------|--------|--------|---------|
| Total nonferrous metals industry | 13,972 | 30,254 | 36,121 | 62,490 | 56,015 | 26,839 | 211,719 |
|----------------------------------|--------|--------|--------|--------|--------|--------|---------|

D. 39. Central Construction Office and Research Institute

|                             |     |     |       |       |       |       |       |
|-----------------------------|-----|-----|-------|-------|-------|-------|-------|
| Central Construction Office | 150 | 109 | 2,000 | 200   | --    | --    | 2,309 |
| Freiberg Research Institute | 537 | 450 | 830   | 3,900 | 2,740 | 1,900 | 9,820 |

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|                                                          |       |       |       |       |       |       |        |
|----------------------------------------------------------|-------|-------|-------|-------|-------|-------|--------|
| Hennigsdorf Research Institute                           | 400   | 577   | 590   | 100   | 260   | 100   | 1,627  |
| Total Central Construction Office and Research Institute | 1,087 | 1,136 | 3,420 | 4,200 | 3,000 | 2,000 | 13,756 |

II. CAPITAL EQUIPMENT REQUIREMENTS OF THE DEPARTMENT OF METALLURGY,  
MINISTRY OF HEAVY INDUSTRY, IN THE FIVE-YEAR PLAN

22 June 1951

(value in 1,000 Deutsche marks; quantity in units unless otherwise indicated)

| Plan Group and Capital Equipment                                                   | 1951     |         | 1952     |         | 1953     |         | 1954     |         | 1955     |        | Remarks |
|------------------------------------------------------------------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|--------|---------|
|                                                                                    | Quantity | Value   | Quantity | Value   | Quantity | Value   | Quantity | Value   | Quantity | Value  |         |
| <u>Machine-Building Plan Group, Total (not including Group I /not identified/)</u> |          | 134,600 |          | 191,000 |          | 230,000 |          | 170,000 |          | 67,000 |         |

|                                        |       |       |       |       |       |
|----------------------------------------|-------|-------|-------|-------|-------|
| Power plant machinery total Including: | 2,000 | 4,000 | 2,000 | 2,500 | 1,000 |
|----------------------------------------|-------|-------|-------|-------|-------|

Boilers, including:

|                           |    |    |    |     |    |     |    |    |    |
|---------------------------|----|----|----|-----|----|-----|----|----|----|
| *Boilers, over 60 tons/hr | -- | -- | -- | --* | -- | --* | -- | -- | -- |
|---------------------------|----|----|----|-----|----|-----|----|----|----|

Calbe Power Plant taken over by Main Power Administration  
\*/Originally 2 units totaling 128 tons/hr, valued at 3,600,000 DM/

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|                                       |                         |       |                             |       |                             |       |                             |       |                           |     |                                                                                                                                                                                                 |
|---------------------------------------|-------------------------|-------|-----------------------------|-------|-----------------------------|-------|-----------------------------|-------|---------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Boilers, 10-60 ton/hr                 | 1 unit of 40 tons/hr    | 1,500 | 2 units totaling 80 tons/hr | 3,000 | --                          | --    | 1 unit of 40 tons/hr        | 1,500 | --                        | --  |                                                                                                                                                                                                 |
| Boilers, up to 10 tons/hr             | --                      | --    | --                          | --    | --                          | --    | --                          | --    | --                        | --  |                                                                                                                                                                                                 |
| Waste-heat boilers                    | 1                       | 80    | 2                           | 160   | 4                           | 320   | 5                           | 240   | 1                         | 80  |                                                                                                                                                                                                 |
| Steam turbines including:             |                         |       |                             |       |                             |       |                             |       |                           |     |                                                                                                                                                                                                 |
| *Steam turbines over 500 kw           | 2                       | 320   | 2 units totaling 2,200 kw   | 300   | 5 units totaling 11,400 kw* | 1,600 | 4 units totaling 4,400 kw** | 600   | 2 units totaling 2,200 kw | 300 | Calbe Power Plant taken over by Main Power Administration<br>*/Originally 7 units totaling 36,400 kw, valued at 5 million DM/<br>**/Originally 5 units totaling 5,600 kw, valued at 750,000 DM/ |
| Steam turbines over 100 kw            | --                      | --    | --                          | --    | --                          | --    | --                          | --    | --                        | --  |                                                                                                                                                                                                 |
| Water turbines (98 and 45 kw)         | 2 units totaling 100 kw | 44    | --                          | --    | --                          | --    | --                          | --    | --                        | --  |                                                                                                                                                                                                 |
| Diesel and gasoline engines for ships | --                      | --    | --                          | --    | --                          | --    | --                          | --    | --                        | --  |                                                                                                                                                                                                 |

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|                                                            |    |        |  |          |  |          |  |         |  |       |
|------------------------------------------------------------|----|--------|--|----------|--|----------|--|---------|--|-------|
| Machine tools, forge<br>and press equipment,<br>total      |    | 11,500 |  | 11,500   |  | 21,000   |  | 15,000  |  | 6,000 |
| Including:                                                 |    |        |  |          |  |          |  |         |  |       |
| Turning lathes<br>over 500 mm<br>turning diam-<br>eter     |    | 5      |  | 8        |  | 8        |  | 4       |  |       |
| Vertical lathes<br>up to 1,600 mm<br>turning diam-<br>eter |    | 2      |  | 3        |  | 1        |  | --      |  |       |
| Vertical lathes<br>over 1,600 mm<br>turning diam-<br>eter  |    | 2      |  | 3        |  | --       |  | --      |  |       |
| Roll lathes                                                | 3  | 450 12 |  | 1,800 20 |  | 3,000 15 |  | 2,250 5 |  | 750   |
| Milling machines<br>over 1,000 mm<br>table length          | 8  | -- 2   |  | 5        |  | 2        |  | 1       |  |       |
| Generating mill-<br>ing cutters over<br>modulus 5          | -- | -- --  |  | -- --    |  | -- --    |  | -- --   |  | --    |
| Boring and mill-<br>ing machinery                          | 13 | 250 16 |  | 480 22   |  | 660 17   |  | 510 8   |  | 240   |
| Including:                                                 |    |        |  |          |  |          |  |         |  |       |
| Spindle diam-<br>eter over<br>100 mm                       | 3  | 87 2   |  | 75 3     |  | 120 --   |  | -- --   |  | --    |

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|                                                                        |    |       |    |        |        |       |           |
|------------------------------------------------------------------------|----|-------|----|--------|--------|-------|-----------|
| Parallel plan-<br>ing machines up<br>to 1,600 mm plan-<br>ing width    | 13 | 275   | 18 | 24     | 20     | 10    |           |
| Parallel plan-<br>ing machines<br>over 1,600 mm<br>planing width       | -- | --    | 1  | 4      | 2      | --    |           |
| Grinding machines --<br>for an outside<br>circumference<br>over 500 mm | -- | --    | 2  | 600 -- | --     | 3     | 900 -- -- |
| Grinding machine --<br>for inside grind-<br>ing                        | -- | --    | -- | --     | --     | --    | --        |
| Radial bore ma-<br>chines over 40<br>mm bore                           | 10 | 170   | 13 | 270 19 | 410 14 | 300 6 | 120       |
| Forge and press<br>equipment                                           |    | 3,000 |    | 5,000  | 5,500  | 4,800 | 3,000     |
| Including:                                                             |    |       |    |        |        |       |           |
| Eccentric<br>press over<br>63 tons work-<br>ing load                   | 11 | 70    | 7  | 7      | 8      | 4     |           |
| Hydraulic<br>press over 63<br>tons working<br>load                     | -- | --    | 3  | 3      | 3      | 2     |           |

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|                                                         |    |        |    |         |         |        |
|---------------------------------------------------------|----|--------|----|---------|---------|--------|
| Forge hammers                                           | 20 | 185    | 35 | 40      | 30      | 20     |
| Forge presses                                           | -- | --     | 4  | 5       | --      | --     |
| Drop cutters                                            | 10 | 320    | 15 | 14      | 11      | 4      |
| Tools (excluding household tools) and foundry equipment |    | 2,758  |    | 2,554   | 3,154   | 2,289  |
|                                                         |    |        |    |         |         | 1,500  |
| Metallurgical and mining equipment, total               |    | 36,584 |    | 107,000 | 112,400 | 81,300 |
|                                                         |    |        |    |         |         | 30,800 |
| Including:                                              |    |        |    |         |         |        |
| Metallurgical equipment                                 |    |        |    | 85,000  | 78,000  | 63,300 |
|                                                         |    |        |    |         |         | 14,300 |
| Including rolling mill equipment                        |    | 36,500 |    | 38,710  | 38,400  | 41,200 |
|                                                         |    |        |    |         |         | 10,100 |
| Mining and concentrating equipment                      |    |        |    | 22,000  | 34,400  | 18,000 |
|                                                         |    |        |    |         |         | 16,500 |

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|                                                                                                                                                                                                                                  |        |        |        |        |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|
| Equipment for pro-<br>duction of build-<br>ing material and<br>fireproof arti-<br>cles [Note that<br>figures for 1952<br>and 1953 do not<br>seem to be in-<br>cluded in total<br>for metallurgi-<br>cal and mining<br>equipment] | 84     | 500    | 1,000  | --     | --     |
| Equipment for the<br>coal industry                                                                                                                                                                                               | 816    | --     | --     | --     | --     |
| Transportation equip-<br>ment                                                                                                                                                                                                    | 21,600 | 27,000 | 41,000 | 30,000 | 12,000 |
| Chemical pumps and<br>compressor equip-<br>ment                                                                                                                                                                                  | 3,300  | 23,000 | 20,500 | 17,000 | 5,000  |
| Including:                                                                                                                                                                                                                       |        |        |        |        |        |
| Chemical equip-<br>ment                                                                                                                                                                                                          | 90     | 19,000 | 13,000 | 10,000 | 2,500  |
| Pumps                                                                                                                                                                                                                            | 1,200  | 1,500  | 2,300  | 1,650  | 650    |
| Compressors                                                                                                                                                                                                                      | 1,200  | 1,500  | 2,300  | 1,650  | 650    |
| Construction and<br>road-building ma-<br>chines (dredges)                                                                                                                                                                        | 479    | 2,000  | 3,300  | 1,500  | 1,500  |

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|                            |              |             |              |             |             |
|----------------------------|--------------|-------------|--------------|-------------|-------------|
| Fire-fighting equipment    | 410          | 550         | 800          | 550         | 220         |
| Steel constructions        | 72,000       | 92,000      | 135,000      | 97,000      | 40,000      |
| Woodworking equipment      | 184          | 200         | 350          | 250         | 100         |
| Welding equipment          | 515          | 600         | 150          | 700         | 280         |
| Industrial fittings        | 1,821        | 1,702       | 1,747        | 1,510       | 1,001       |
| Antifriction bearings      | 325          | 420         | 620          | 440         | 180         |
| Vehicle production, total  | -- 8,100 --  | -- 9,300 -- | -- 11,500 -- | -- 8,800 -- | -- 4,500 -- |
| Rail vehicles              | -- 6,000 --  | -- 7,000 -- | -- 8,000 --  | -- 6,000 -- | -- 2,500 -- |
| Including:                 |              |             |              |             |             |
| Steam locomotives          | 15 1,500 17  | 1,700 22    | 2,200 19     | 1,900 7     | 700         |
| Freight cars               | 96 1,450 125 | 1,850 180   | 2,700 130    | 1,950 55    | 830         |
| Passenger and baggage cars | -- -- --     | -- -- --    | -- -- --     | -- -- --    | --          |
| Automobiles and tractors   | -- 2,100 --  | -- 2,300 -- | -- 3,500 --  | -- 2,800 -- | -- 2,000 -- |
| Including:                 |              |             |              |             |             |
| Passenger cars             | 41 482 31    | 290 36      | 330 35       | 329 27      | 265         |
| Including:                 |              |             |              |             |             |

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|                                                         |       |        |       |        |       |        |       |        |       |        |
|---------------------------------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| Type BMW<br>(Bavarian<br>Motor Works)                   | 22    | 330    | 6     | 90     | 6     | 90     | 7     | 105    | 7     | 105    |
| Type DKW<br>(German<br>Motor Car<br>Works)              | 19    | 152    | 25    | 200    | 30    | 240    | 28    | 224    | 20    | 160    |
| Trucks                                                  | 17    | 340    | 30    | 600    | 60    | 1,200  | 50    | 1,000  | 30    | 600    |
| Motorcycles                                             | 17    | 24     | 20    | 28     | 25    | 35     | 25    | 35     | 20    | 28     |
| Bicycles                                                | 1,620 | 162    | 1,720 | 172    | 1,320 | 132    | 940   | 94     | 630   | 63     |
| Wheeled trac-<br>tors over 22<br>hp                     | --    | --     | 2     | 38     | 2     | 38     | 1     | 19     | --    | --     |
| Caterpillar<br>tractors                                 | --    | --     | --    | --     | --    | --     | --    | --     | --    | --     |
| <u>Electrical Industry</u>                              |       | 24,100 |       | 34,000 |       | 49,000 |       | 36,000 |       | 17,000 |
| <u>Plan Group Total</u>                                 |       |        |       |        |       |        |       |        |       |        |
| Alternating-current<br>motors, 1-100 kw                 | 1,800 | 2,000  | 2,600 | 2,800  | 3,600 | 4,000  | 2,700 | 3,000  | 1,000 | 1,200  |
| Alternating-current<br>motors over 100 kw               | 123   | 3,700  | 160   | 4,800  | 230   | 7,000  | 165   | 5,000  | 70    | 2,000  |
| Electric motors and<br>generators for direct<br>current | 69    | 760    | 90    | 980    | 130   | 1,400  | 95    | 1,000  | 40    | 450    |
| Electric generators<br>up to 100 kw                     | 4     | 17     | --    | --     | --    | --     | --    | --     | --    | --     |

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|                                                            |                                           |       |                                           |       |                                           |       |                                           |       |                                       |
|------------------------------------------------------------|-------------------------------------------|-------|-------------------------------------------|-------|-------------------------------------------|-------|-------------------------------------------|-------|---------------------------------------|
| Power plant turbo-<br>generators                           | --                                        | --    | 2 units<br>total-<br>ing<br>2,200 kw      | --    | 5 units<br>total-<br>ing<br>11,400 kw     | --    | 4 units<br>total-<br>ing<br>4,400 kw      | --    | 2 units<br>total-<br>ing<br>2,200 kw  |
| Power transformers                                         | 174<br>units<br>totaling<br>260,000<br>kw | 3,600 | 225<br>units<br>totaling<br>340,000<br>kw | 4,700 | 330<br>units<br>totaling<br>490,000<br>kw | 6,700 | 235<br>units<br>totaling<br>350,000<br>kw | 4,900 | 95 units<br>totaling<br>145,000<br>kw |
| Electric furnaces                                          | 5                                         | 2,250 | 5                                         | 2,225 | 8                                         | 3,650 | --                                        | --    | --                                    |
| Cable and overhead<br>lines                                |                                           | 4,580 |                                           | 6,400 |                                           | 9,400 |                                           | 6,800 | 2,700                                 |
| Storage batteries                                          |                                           | 450   |                                           | 650   |                                           | 950   |                                           | 680   | 270                                   |
| High-tension<br>switches                                   |                                           | 1,700 |                                           | 2,400 |                                           | 3,400 |                                           | 2,500 | 1,100                                 |
| Telephone instal-<br>lations                               | 4                                         | 1,160 | 10                                        | 2,100 | 8                                         | 1,700 | 4                                         | 600   | 2 400                                 |
| Precision Instru-<br>ments and Optics<br>Plan Group, Total |                                           | 2,800 |                                           | 4,000 |                                           | 5,800 |                                           | 4,200 | 1,925                                 |
| Including:                                                 |                                           |       |                                           |       |                                           |       |                                           |       |                                       |
| Calculators and<br>cash registers                          |                                           | 308   |                                           | 450   |                                           | 600   |                                           | 450   | 250                                   |
| Typewriters and<br>typewriter car-<br>riages               | 400                                       | 120   | 1,700                                     | 510   | 1,000                                     | 300   | 700                                       | 210   | 700 210                               |

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|                                                                         |         |         |         |         |        |
|-------------------------------------------------------------------------|---------|---------|---------|---------|--------|
| Total capital equip-<br>ment requirements<br>(not including<br>group T) | 161,500 | 229,000 | 284,800 | 210,200 | 85,925 |
| In percent of<br>total invest-<br>ments                                 | 41      | 43      | 41      | 40      | 40     |

## III. CHANGE OF DELIVERY DATES FOR INVESTMENT ITEMS WITHIN THE PROJECTS

16 June 1951

| Description                         | Original<br>Target Date | New Target<br>Date | Time differ-<br>ence (days) | Production loss (-) or<br>Production gain (+) (tons) | Reason for Change of Target<br>Date                                                                                                         |
|-------------------------------------|-------------------------|--------------------|-----------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Brandenburg</u>                  |                         |                    |                             |                                                      |                                                                                                                                             |
| 1050 blooming mill                  | 1 Mar 52                | 4th Qu 52          | +270                        | -250,000 (ingot steel)                               | Change from deliveries from the West to GDR production (provided blueprints are delivered immediately by Ernst-Thaelman Works in Magdeburg) |
| 850 blooming mill                   | 1 Dec 51                | 3d Qu 52           | +270                        | -150,000 (semifinished product)                      | Change from deliveries from the West to GDR production                                                                                      |
| Continuous billet and slabbing mill | 2d Qu 52                | 3d Qu 53           | +450                        | -500,000 (semifinished product)                      | Same as above                                                                                                                               |
| Wire-rolling mill                   | 3d Qu 53                | 3d Qu 52           | -360                        | +100,000 (wire)                                      | Possibilities of deliveries from Czechoslovakia                                                                                             |

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Doehlen

|                      |           |           |      |                                |                                                                    |
|----------------------|-----------|-----------|------|--------------------------------|--------------------------------------------------------------------|
| 650 rolling mill     | 4th Qu 51 | 2d Qu 52  | +450 | -87,500 (semifinished product) | Designing of rolling mills and development of the electrical drive |
| 580/450 rolling mill | 4th Qu 52 | 1st Qu 52 | -90  | +7,500 (medium iron)           | Possibilities of deliveries from Czechoslovakia                    |
| 280 rolling mill     | 2d Qu 53  | 4th Qu 52 | -60  | +4,500 (wire)                  | Same as above                                                      |

Riesa

|                                                |           |           |      |                          |                                                        |
|------------------------------------------------|-----------|-----------|------|--------------------------|--------------------------------------------------------|
| 850 plate mill                                 | 3d Qu 51  | 4th Qu 52 | +450 | -250,000 (merchant iron) | Change from deliveries from the West to GDR production |
| Standard and smoothing mill for old tube works | 3d Qu 50  | 3d Qu 52  | +720 | -4,000 (seamless tubes)  | Same as above                                          |
| New tube-rolling mill                          | 4th Qu 51 | 1st Qu 53 | +450 | -37,500 (seamless tubes) | Same as above                                          |

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