

STRATEGIC INVESTMENT PLAN 2015-2025, CERNAVODA NPP AND PITESTI NUCLEAR FUEL PLANT

Valori in Lei

ANEXA 1

| Sectiunea  | Subsectiunea                                   | NR. CRT | POZ. DE BUGET | PROJECT CODE        | PLEX   | PROJECT NAME  | COSTS 2015         | COSTS 2016        | COSTS 2017        | COSTS 2018       | COSTS 2019       | COSTS 2020       | COSTS 2021       | COSTS 2022 | COSTS 2023 | COSTS 2024 | COSTS 2025 | Total costs (starting 2015) |                  |                   |                    |           |            |  |
|--|--|---------|---------------|---------------------|--------|---|--------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------|------------|------------|------------|-----------------------------|------------------|-------------------|--------------------|-----------|------------|--|
|  |  |         |               |                     |        |   |                    |                   |                   |                  |                  |                  |                  |            |            |            |            | Unit 1                      | Unit 2           | Shared expenses   | Total              |           |            |  |
| APPROVED INVESTMENTS - ONGOING PROJECTS          |  | 1       | MM-42         | PJ-14-004           |        | Instalare sistem modernizat SLMS HP la U2, BSI 41240 (MPA EC-2097)  | 685,000            |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  | 685,000           |                    |           |            |  |
|  |  | 2       | PR-01         | PJ-05-016           |        | Depozit intermediar de combustibil ars  | 4,640,000          |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 4,640,000  |  |
|  |  | 3       | PR-07         | PJ-01-024           |        | Dezvoltarea infrastructurii retelei de calculatoare in cladirile tehnologice U1+U2  | 23,175,840         | 1,832,955         |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 25,008,795 |  |
|  |  | 4       | PR-11         | PJ-04-001           |        | Modernizare si extindere Sistem de protectie fizica (lucrari prioritate 1, etapa 2)   | 1,529,897          |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 1,529,897  |  |
|  |  | 5       | PR-21         | PJ-01-020           |        | Retehnologizare statie 110KV  | 699,602            |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 699,602    |  |
|  |  | 6       | PR-66         | PJ-06-005           |        | Programe software pentru management integrat al centralei (Work Management System)  | 8,584,722          |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 8,584,722  |  |
|  |  | 7       | PR-116        | PJ-09-008           |        | Inlocuire baterii stationare de 48 Vcc, 220 Vcc si 400 Vcc la U1  | 4,074,144          |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  | 4,074,144         |                    |           |            |  |
|  |  | 8       | PR-119        | PJ-09-020           |        | Sistem Smart Candu Tools  | 303,059            |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 303,059    |  |
|  |  | 9       | PR-123        | PJ-09-012           |        | Amenajarea centrului suport de interventie la simulator   | 120,000            |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 120,000    |  |
|  |  | 10      | PR-126        | PJ-11-002           |        | Instalare subsistem LEM "on-line" la Unitatea 2 si integrarea unitara cu sistemul actual LEM  | 765,968            |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 765,968    |  |
|  |  | 11      | MM-40         | PJ-13-009           | Note 1 | Imbunatatirea functionarii sistemului LISS (Liquid Injection Shutdown System) prin inlocuirea vanelor aferente cu un alt tip de vane  |                    | 798,435           |                   |                  |                  |                  |                  |            |            |            |            |                             |                  | 798,435           |                    |           |            |  |
|  |  | 12      | MM-41         | PJ-13-010           | Note 1 | Imbunatatirea sistemului de abur viu al U1 prin inlocuirea vanelor de descarcare abur in atmosfera (ASDV) cu un alt tip de vane   |                    | 195,000           |                   |                  |                  |                  |                  |            |            |            |            |                             |                  | 195,000           |                    |           |            |  |
|  |  | 13      | PR-118        | PJ-09-005           | Note 1 | Inlocuirea sistemului de excitatie 1-41220-PL743/3501 GENNEREX de la U1 datorita imposibilitatii procurarii componentelor cu caracter SPV   | 50,000,000         | 36,635,431        |                   |                  |                  |                  |                  |            |            |            |            |                             |                  | 86,635,431        |                    |           |            |  |
|  |  | 14      | PR-121        | PJ-10-007           | Note 1 | Studii necesare extinderii duratei de viata a Unitatii 1 prin retubarea reactorului si retnologizarea sistemelor principale   | 687,065            | 2,033,000         | 2,108,000         |                  |                  |                  |                  |            |            |            |            |                             |                  | 4,828,065         |                    |           |            |  |
|  |  | 15      | PR-122        | PJ-10-008           | Note 1 | Marirea sigurantei in functionarea sistemului de evacuare a puterii din CNE Cernavoda, prin retnologizarea transformatoarelor de evacuare putere si asigurarea unui trafo de rezerva pt doua unitati  | 2,978,774          |                   | 8,314,558         | 2,749,003        | 7,523,104        | 1,770,229        | 7,523,104        |            |            |            |            |                             |                  |                   |                    |           | 30,858,772 |  |
|  |  | 16      | PR-124        | PJ-11-006           | Note 1 | Imbunatatirea raspunsului CNE Cernavoda, respectiv a functiilor de securitate nucleara in cazul evenimentelor din afara bazelor de proiectare ca urmare a accidentului de la Fukushima 1(Calificarea la mediu a buclelor existente de masura a parametrilor critici de securitate si extinderea domeniului de masura) | 7,131,372          | 2,000,000         |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 9,131,372  |  |
|  |  | 17      | PR-134        | PJ-11-008           |        | Amenajare teren proprietate CNE si relocare cladiri necesare bunei functionari a Depozitelor Seiru pe teritoriul CNE  | 5,400,000          | 4,265,000         |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 9,665,000  |  |
| <b>TOTAL ONGOING PROJECTS AT CNE CERNAVODA :</b> |  |         |               |                     |        |   | <b>110,775,442</b> | <b>47,759,820</b> | <b>10,422,558</b> | <b>2,749,003</b> | <b>7,523,104</b> | <b>1,770,229</b> | <b>7,523,104</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>96,531,075</b>           | <b>1,450,968</b> | <b>90,541,218</b> | <b>188,523,261</b> |           |            |  |
| ONGOING PROJECTS                                 |  | 1       | N/A           | FCN-1516-SF-Rev. 3  |        | Modernizarea liniei de fabricatie fascicule combustibile in vederea optimizarii fluxului de fabricatie si a imbunatatirii produsului finit.   | 2,755,000          |                   |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    | 2,755,000 |            |  |
|  |  | 2       | N/A           | FCN-968-HALA IV-PTH |        | Ventilatie si climatizare hala IV   | 1,035,000          | 1,500,000         |                   |                  |                  |                  |                  |            |            |            |            |                             |                  |                   |                    |           | 2,535,000  |  |
|  | <b>TOTAL ONGOING PROJECTS AT FCN PITESTI :</b> |         |               |                     |        |   |                    | <b>3,790,000</b>  | <b>1,500,000</b>  | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>                    | <b>0</b>         | <b>5,290,000</b>  | <b>5,290,000</b>   |           |            |  |

## STRATEGIC INVESTMENT PLAN 2015-2025, CERNAVODA NPP AND PITESTI NUCLEAR FUEL PLANT

ANEXA 1

| Sectiunea                           | Subsectiunea                             | NR. CRT | POZ, DE BUGET | PROJECT CODE | PLEX   | PROJECT NAME  | COSTS 2015         | COSTS 2016         | COSTS 2017         | COSTS 2018         | COSTS 2019         | COSTS 2020         | COSTS 2021       | COSTS 2022        | COSTS 2023       | COSTS 2024        | COSTS 2025       | Total costs (starting 2015) |                   |                      |                      |             |             |  |
|-------------------------------------|--|---------|---------------|--------------|--------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|-------------------|------------------|-------------------|------------------|-----------------------------|-------------------|----------------------|----------------------|-------------|-------------|--|
|                                     |  |         |               |              |        |   |                    |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  | Unit 1                      | Unit 2            | Shared expenses      | Total                |             |             |  |
| APPROVED INVESTMENTS - NEW PROJECTS | PROJECTS NOT INFLUENCED BY REFURBISHMENT | 1       | PR-01         | PJ-05-016    |        | Depozit intermediar de combustibil ars  | 14,125,000         | 20,190,000         | 17,180,000         | 9,030,000          | 9,030,000          | 20,230,000         | 4,780,000        | 20,230,000        | 4,780,000        | 20,230,000        | 4,780,000        |                             |                   | 144,585,000          |                      |             |             |  |
|                                     |  | 2       | PR-07         | PJ-01-024    |        | Dezvoltarea infrastructurii retelei de calculatoare in cladirile tehnologice U1+U2  | 0                  | 0                  | 7,200,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 7,200,000            |             |             |  |
|                                     |  | 3       | PR-11         | PJ-04-001    |        | Modernizare si extindere Sistem de protectie fizica (Lucrari Protectie fizica prioritate 2, U5, UPS pt camera de cda secundara a PF)  | 21,475,000         | 23,394,883         | 21,843,638         | 20,000,000         | 20,000,000         |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 106,713,522 |             |  |
|                                     |  | 4       | PR-49         | PJ-02-001    | Note 3 | Instalatie de Detritiere D2O (U1+U2)  | 5,000,000          | 35,000,000         | 120,000,000        | 187,500,000        | 189,500,000        | 151,351,037        |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 688,351,037 |  |
|                                     |  | 5       | PR-73         | PJ-05-028    |        | Centrul alternativ de control urgente U1+U2 (recenzare electronica si monitorizare video pt U2 si conectarea la CCUAA si CCUA)  | 8,471,647          |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 8,471,647   |  |
|                                     |  | 6       | PR-101        | PJ-01-023    |        | Extindere sistem SCADA  | 1,462,500          |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 487,500              | 487,500     | 487,500     |  |
| APPROVED INVESTMENTS - NEW PROJECTS | PROJECTS NOT INFLUENCED BY REFURBISHMENT | 7       | PR-124        | PJ-11-006    | Note 1 | Imbunatatirea raspunsului CNE Cernavoda, respectiv a functiilor de securitate nucleara in cazul evenimentelor din afara bazelor de proiectare ca urmare a accidentului nuclear survenit la centrala nucleara Fukushima 1, Japonia (amenajare U5, facilitati de conectare a Dieselelor mobile) | 52,442,778         | 57,002,783         | 7,218,628          | 23,000,000         |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 139,664,189 |             |  |
|                                     |  | 8       | PR-128        | PJ-10-004    |        | Imbunatatirea pompelor sistemului de apa freatica 1-1531-P01, P02, P03,P05. P06, P07  | 399,000            |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   | 399,000              |                      |             |             |  |
|                                     |  | 9       | PR-129        | PJ-11-004    |        | Echipament de extragere a detectorilor de flux orizontali si verticali de tip HESIR   | 2,965,050          |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 2,965,050   |             |  |
|                                     |  | 10      | PR-133        | PJ-10-009    | Note 1 | Echiparea transformatoarelor 1-5144-T03/T04 si 1-5134-T05/T06 cu sistem de prevenire a exploziei si incendiului   | 85,000             | 2,150,600          |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 2,235,600            |             |             |  |
|                                     |  | 11      | PR-136        | PJ-11-003    |        | Imbunatatirea aspectului estetic al CNE Cernavoda   | 67,000             |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 67,000      |  |
|                                     |  | 12      | PR-139        | PJ-12-005    | Note 1 | Instalare sisteme de filtrare in amonte de camerele de apa ale condensatoarelor U2  | 0                  | 9,637,313          | 2,250,000          | 2,250,000          |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 14,137,313  |  |
|                                     |  | 13      | PR-141        | PJ-13-002    | Note 1 | Instalarea de sisteme de masura on line a concentratiei gazelor dizolvate in uleiul electroizolant al transformatoarelor de putere aferente 5144-T03/T04, 5134-T05/T06 de la U1 si U2 si 0-5134-T1/T2 si 0-5135-TC01/TC02   | 636,612            | 893,828            | 943,560            |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 824,667              | 824,667     | 824,667     |  |
|                                     |  | 14      | PR-142        | PJ-14-007    |        | Optimizarea sist. de prelevare probe chimice din centrala U1/U2   | 336,605            | 30,146             |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 183,375              | 183,375     |             |  |
|                                     |  | 15      | TBD           | PJ-13-003    | Note 1 | Retehnologizarea sistemelor de detectie incendiu instalate in NSP-U1 si Pavilionul 2  | 945,000            | 540,000            |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 1,260,000            |             | 225,000     |  |
|                                     |  | 16      | TBD           | PJ-14-006    | Note 1 | Automatizarea treptei de joasa presiune a sistemului ECC U1   | 225,000            |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 225,000              |             |             |  |
|                                     |  | 17      | MM-36         | PJ-13-001    |        | Extinderea ariei de acoperire a sistemului de monitorizare tritiu in aer U1/U2  | 89,000             |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 89,000      |  |
|                                     |  | 18      | MM-37         | PJ-13-004    |        | Instalarea unui extractor de rezerva pe sistemul de abur etansare labirinti turbina la U1 si U2   | 568,897            | 22,500             |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 295,699              | 295,699     |             |  |
|                                     |  | 19      | TBD           | PJ-11-009    |        | GEM Spectrometru de gaze nobile pentru asigurarea monitorizarii emisiilor gazoase de la U#2, similar cu cel instalat la U1  | 112,500            | 1,237,500          |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 1,350,000   |  |
|                                     |  | 20      | MM-39         | PJ-13-006    |        | Retehnologizare emulator DCC din structura Full scope simulator   | 1,230,000          | 1,300,000          |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |             | 2,530,000   |  |
| <b>TOTAL :</b>                      |  |         |               |              |        |   | <b>110,636,589</b> | <b>151,399,552</b> | <b>176,635,827</b> | <b>241,780,000</b> | <b>218,530,000</b> | <b>171,581,037</b> | <b>4,780,000</b> | <b>20,230,000</b> | <b>4,780,000</b> | <b>20,230,000</b> | <b>4,780,000</b> | <b>5,910,840</b>            | <b>17,278,553</b> | <b>1,102,173,612</b> | <b>1,125,363,005</b> |             |             |  |

## STRATEGIC INVESTMENT PLAN 2015-2025, CERNAVODA NPP AND PITESTI NUCLEAR FUEL PLANT

ANEXA 1

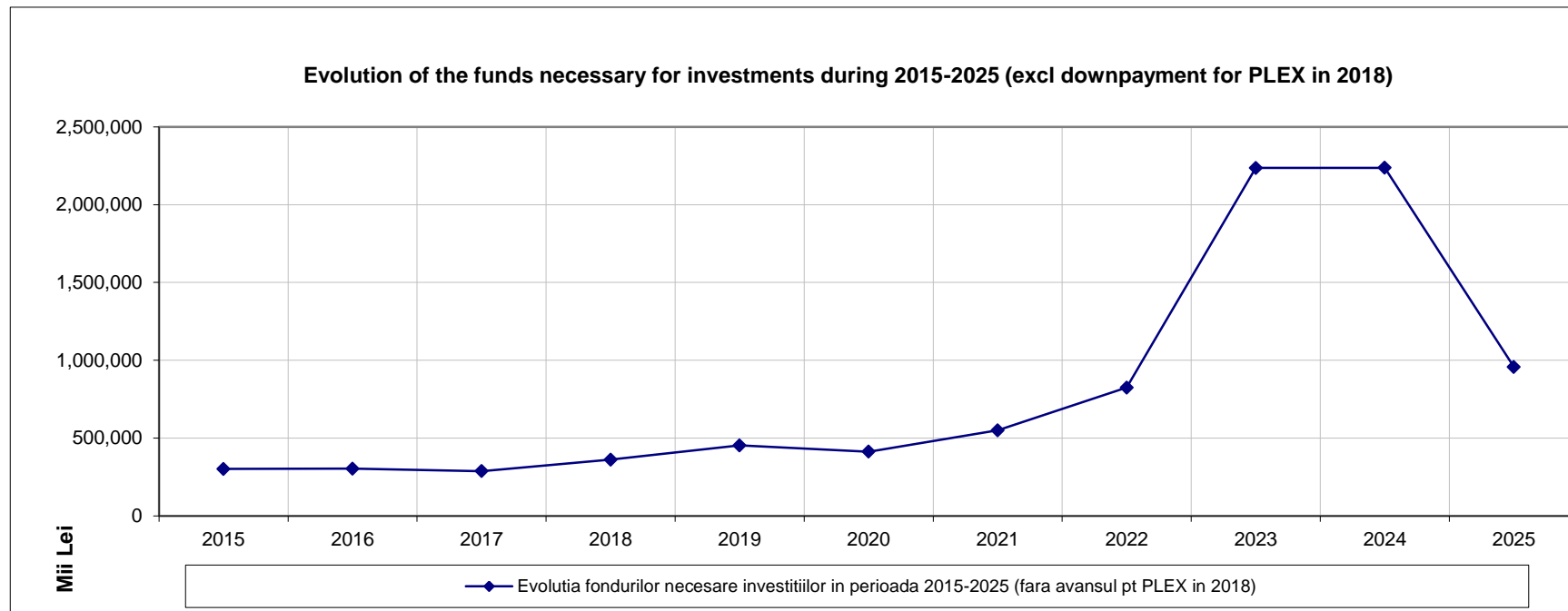
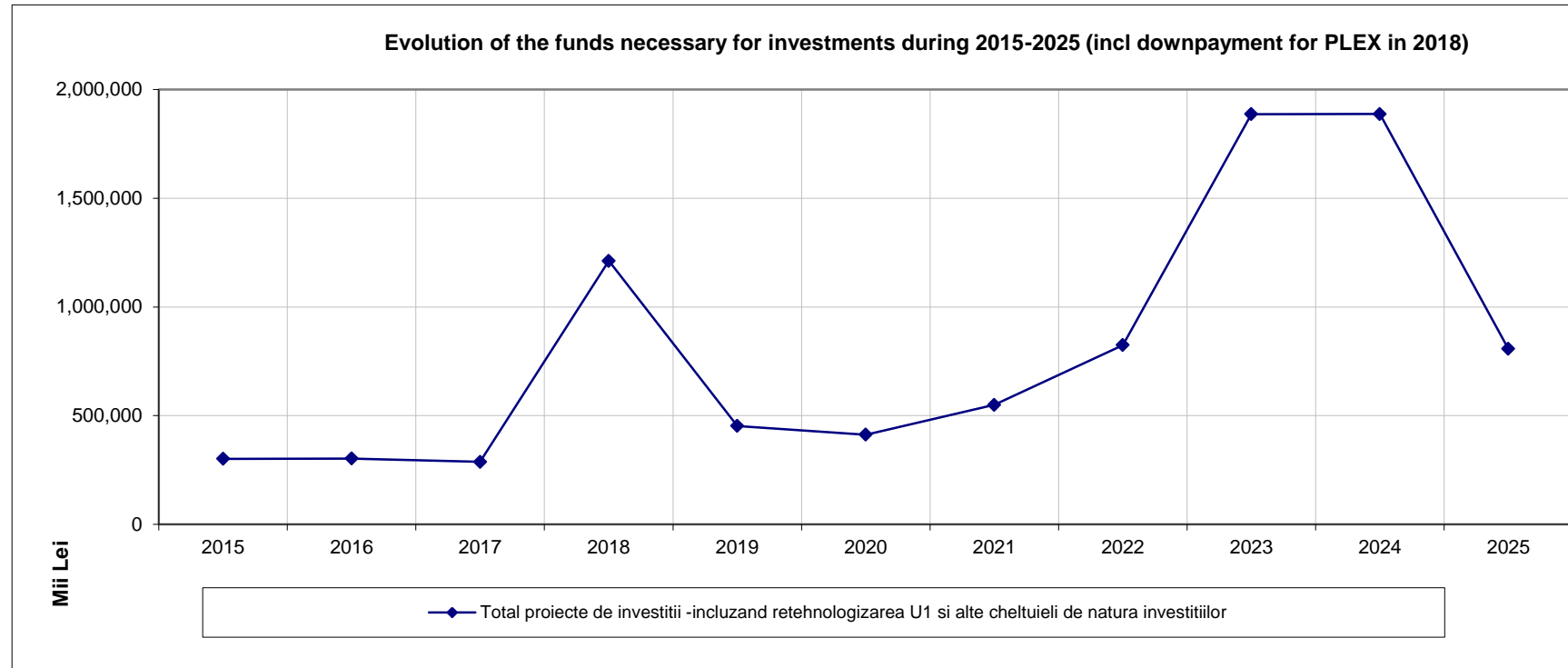
| Sectiunea  | Subsectiunea                             | NR. CRT  | POZ. DE BUGET | PROJECT CODE | PLEX   | PROJECT NAME  | COSTS 2015         | COSTS 2016         | COSTS 2017         | COSTS 2018         | COSTS 2019         | COSTS 2020         | COSTS 2021       | COSTS 2022        | COSTS 2023       | COSTS 2024        | COSTS 2025       | Total costs (starting 2015) |                   |                      |                      |                   |                   |
|--|--|--|---------------|--------------|--------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|-------------------|------------------|-------------------|------------------|-----------------------------|-------------------|----------------------|----------------------|-------------------|-------------------|
|  |  |  |               |              |        |   |                    |                    |                    |                    |                    |                    |                  |                   |                  |                   |                  | Unit 1                      | Unit 2            | Shared expenses      | Total                |                   |                   |
| PROJECTS THAT WILL BE IMPLEMENTED ONLY IN CASE REFURBISHMENT IS DONE |  | 1  | PR-139        | PJ-12-005    | Note 2 | Instalare sisteme de filtrare in amonte de camerele de apa ale condensatoarelor U1 si re tehnologizarea sistemului de curatare cu bile a condensatorului U1   | 1,500,000          | 10,000,000         | 4,275,000          | 4,724,053          |                    |                    |                  |                   |                  |                   |                  | 20,499,053                  |                   |                      |                      |                   |                   |
|  |  | 2  | PR-140        | PJ-14-005    | Note 2 | Modernizarea sistemului de aer comprimat de la U1 prin inlocuirea compresoarelor de aer instrumental, de serviciu si de respirat cu compresoare performante de generatie noua                           | 54,240             | 10,026,000         | 1,545,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             | 11,625,240        |                      |                      |                   |                   |
|  | <b>TOTAL :</b>                           |  |               |              |        |   |                    | <b>1,554,240</b>   | <b>20,026,000</b>  | <b>5,820,000</b>   | <b>4,724,053</b>   | <b>0</b>           | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>                    | <b>32,124,293</b> | <b>0</b>             | <b>0</b>             | <b>32,124,293</b> |                   |
| PLEX   |  | 1  | PR-121        | PJ-10-007    | Note 1 | Studii necesare extinderii duratei de viata a Unitatii 1 prin retubarea reactorului si re tehnologizarea sistemelor principale  | 8,500,000          | 24,467,000         | 24,084,935         | 12,140,000         |                    |                    |                  |                   |                  |                   |                  | 69,191,935                  |                   |                      |                      |                   |                   |
| <b>TOTAL APPROVED INVESTMENTS - NEW PROJECTS:</b>                    |  |  |               |              |        |   | <b>120,690,829</b> | <b>195,892,552</b> | <b>206,540,762</b> | <b>258,644,053</b> | <b>218,530,000</b> | <b>171,581,037</b> | <b>4,780,000</b> | <b>20,230,000</b> | <b>4,780,000</b> | <b>20,230,000</b> | <b>4,780,000</b> | <b>107,227,068</b>          | <b>17,278,553</b> | <b>1,102,173,612</b> | <b>1,226,679,232</b> |                   |                   |
| APPROVED PROJECTS  | NEW PROJECTS                             | 1  |               |              |        | Realizare sistem informatic pentru managementul productiei de combustibil nuclear la FCN (SIMP)   | 1,700,000          | 5,478,290          | 1,544,210          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 8,722,500            |                   |                   |
|  |  | 2  |               |              |        | Modernizarea infrastructurii de comunicatie, amenajarea centrului de date in conformitate cu standardul TIA 942-1 si implementare de masuri de reducere a riscului de securitate a informatiei          | 3,113,500          | 1,313,500          | 1,700,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 6,127,000         |                   |
|  |  | <b>TOTAL NEW APPROVED PROJECTS - FCN PITESTI</b> |               |              |        |   |                    |                    | <b>4,813,500</b>   | <b>6,791,790</b>   | <b>3,244,210</b>   | <b>0</b>           | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>                    | <b>0</b>          | <b>0</b>             | <b>0</b>             | <b>0</b>          | <b>14,849,500</b> |
| PROJECTS NEEDED BUT SUBMITTED TO APPROVAL                            | PROJECTS NOT INFLUENCED BY REFURBISHMENT | 1  | MM-38         | PJ-13-005    |        | Instalarea unui simulator cu panouri virtuale destinat pregatirii operatorilor camerei de comanda U#2 CNE Cernavoda   | 0                  | 0                  | 3,078,094          | 3,078,094          |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      | 6,156,188            |                   |                   |
|  |  | 2  | PR-61         | PJ-01-027    |        | Reabilitare si amenajare drumuri, platforme si conducte subterane (dezafectarea CF interioara, a rampei de descarcare pacura si a cazanului ABA. Reamenajare teren si realizare guri de descarcare CLU) | 1,900,000          | 2,603,871          | 2,692,376          | 4,000,000          |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 11,196,247        |                   |
|  |  | 3  | PR-70         | PJ-05-023    |        | Recuperare condens  |                    |                    | 1,237,500          | 1,237,500          |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 2,475,000         |                   |
|  |  | 4  | TBD           | PJ-13-007    |        | Inlocuire sist. de ventilare si conditionare aer in Pav 2   | 0                  | 1,500,000          | 1,622,763          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 3,122,763         |                   |
|  |  | 5  | TBD           | TBD          |        | Reabilitare sistem de ventilare si conditionare aer in Pav. 6   |                    | 500,000            | 1,000,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 1,500,000         |                   |
|  |  | 6  | TBD           | PJ-13-011    |        | Reabilitare si modernizare rezervor de combustibil 0-7227-TK80  | 0                  | 193,500            | 0                  | 0                  |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 193,500           |
|  |  | 7  | TBD           | PJ-08-005    | Note 1 | Reabilitare si modernizare echipamente Statia de Pompare Apa de Incendiu - SPAI   | 0                  | 675,000            | 1,710,000          | 2,844,000          |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 5,229,000         |
|  |  | 8  | TBD           | PJ-14-008    | Note 1 | Amenajare / relocare laborator caracterizare deseuri radioactive  |                    | 855,000            | 1,125,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 1,980,000         |
|  |  | 9  | PR-138        | PJ-12-004    | Note 1 | Introducerea pe tubulatura de aspiratie a sistemului de ventilatie cladire reactor U1, inainte de 1-7312-ACU1, a unei instalatii de dezumidificare a aerului cu roata adsorbanta                        | 0                  | 516,000            | 1,368,000          | 675,000            | 675,000            |                    |                  |                   |                  |                   |                  |                             |                   | 3,234,000            |                      |                   |                   |
|  |  | 10   | TBD           | PJ-09-003    | Note 1 | Retehnologizarea statiei de 6 kV U 0  |                    |                    |                    | 2,400,000          | 3,600,000          |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 6,000,000         |
|  |  | 11   | TBD           | PJ-09-007    | Note 1 | Retehnologizarea statiei de 0,4 kV U0   |                    |                    |                    | 2,400,000          | 2,400,000          |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 4,800,000         |
|  |  | 12   | TBD           | PJ-14-002    |        | Retehnologizarea podurilor rulante din camera curata si montaj instalatie de ridicat in cladirea scoala de sudura   |                    | 848,025            |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 848,025           |
|  |  | 13   | TBD           | PJ-14-010    |        | Imbunatatirea securitatii cibernetice a sistemului de control distribuit U2, prin remedierea obsolescentei software/hardware a statiilor de lucru (MPA EC 2471)   |                    | 1,192,500          | 1,125,000          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 2,317,500         |                   |
|  |  | 14   | TBD           | TBD          | Note 1 | Imbunatatirea fiabilitatii grupurilor DIESEL-generatoare SDG-U1   |                    | 3,375,000          | 1,350,000          | 2,025,000          |                    |                    |                  |                   |                  |                   |                  |                             |                   | 6,750,000            |                      |                   |                   |
|  |  | 15   | TBD           | TBD          |        | Instalare porti de acces in zona camerei de admisie Apa Alimentare / Preincalzitor  | 2,480,000          | 3,131,000          | 3,453,400          |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   | 4,371,000            | 4,693,400            |                   |                   |
|  |  | 16   | TBD           | TBD          |        | Inlocuirea interfetei om masina aferenta DG1/DG2- U2  | 724,500            | 1,138,500          | 207,000            |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 2,070,000         |                   |
|  |  | 17   | TBD           | PJ-14-011    |        | Implementare program de performanta termica   |                    | 2,700,000          |                    |                    |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      |                   | 2,700,000         |
|  |  | 18   | TBD           | PJ-09-011    |        | Modernizare EPS U2  |                    | 600,000            | 1,200,000          | 800,000            |                    |                    |                  |                   |                  |                   |                  |                             |                   |                      |                      | 2,600,000         |                   |
| <b>TOTAL:</b>  |  |  |               |              |        |   | <b>5,104,500</b>   | <b>19,828,395</b>  | <b>21,169,133</b>  | <b>19,459,594</b>  | <b>6,675,000</b>   | <b>0</b>           | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>          | <b>0</b>         | <b>0</b>                    | <b>14,355,000</b> | <b>11,680,900</b>    | <b>46,200,721</b>    | <b>72,236,621</b> |                   |
|  |  | 1  | TBD           | PJ-14-001    | Note 2 | Modernizarea sist.centralizat de protectii tip GSX-5E aferent trafo si generator principal U1   |                    | 582,926            | 1,748,779          | 582,926            |                    |                    |                  |                   |                  |                   |                  | 2,914,632                   |                   |                      |                      |                   |                   |

## STRATEGIC INVESTMENT PLAN 2015-2025, CERNAVODA NPP AND PITESTI NUCLEAR FUEL PLANT

ANEXA 1

| Sectiunea   | Subsectiunea   | NR. CRT  | POZ, DE BUGET | PROJECT CODE | PLEX  | PROJECT NAME   | COSTS 2015         | COSTS 2016         | COSTS 2017         | COSTS 2018           | COSTS 2019         | COSTS 2020         | COSTS 2021         | COSTS 2022         | COSTS 2023           | COSTS 2024           | COSTS 2025         | Total costs (starting 2015) |                   |                      |                      |                    |                    |                   |                   |
|---|--|--|---------------|--------------|---|--|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|--------------------|-----------------------------|-------------------|----------------------|----------------------|--------------------|--------------------|-------------------|-------------------|
|   |  |  |               |              |   |  |                    |                    |                    |                      |                    |                    |                    |                    |                      |                      |                    | Unit 1                      | Unit 2            | Shared expenses      | Total                |                    |                    |                   |                   |
| PROJECTS NEEDED BUT SUBMITTED TO APPROVAL   | PROJECTS THAT WILL BE IMPLEMENTED ONLY IN CASE REFURBISHMENT IS DONE | 2  | TBD           | TBD          | Note 2  | Inlocuire dulapuri Marconi- Nuovo -Pignone cu un sistem DCS la U#1   |                    |                    |                    |                      | 4,500,000          | 22,500,000         | 36,000,000         | 36,000,000         | 13,500,000           |                      |                    | 112,500,000                 |                   |                      |                      |                    |                    |                   |                   |
|   |  | 3  | TBD           | PJ-14-009    | Note 2  | Reabilitarea liniilor de conducte subterane 1-7169-G001, G915 din sistemul de alimentare cu apa de racire de rezerva |                    | 157,500            |                    |                      |                    |                    |                    |                    |                      |                      |                    |                             | 157,500           |                      |                      |                    |                    |                   |                   |
|   |  | 4  | TBD           | PJ-01-012    | Note 2  | Reabilitarea Statiei de Tratare Apa (S.T.A.), etapa a II-a   | 0                  | 1,114,000          | 6,750,000          | 6,975,000            | 2,644,400          |                    |                    |                    |                      |                      |                    |                             |                   |                      |                      | 17,483,400         |                    |                   |                   |
|   |  | 5  | PR-135        | PJ-08-019    | Note 2  | Implementarea unui sistem de inregistrare evenimente aferent sistemelor electrice ale U1                             |                    |                    | 0                  | 1,159,853            |                    |                    |                    |                    |                      |                      |                    |                             |                   | 1,159,853            |                      |                    |                    |                   |                   |
|   |  | 6  | TBD           | PJ-09-002    | Note 2  | Inlocuire panouri de transfer statii medie tensiune la U1  |                    |                    |                    | 1,134,000            | 0                  | 1,134,000          |                    |                    |                      |                      |                    |                             |                   | 2,268,000            |                      |                    |                    |                   |                   |
|   |  | 7  | TBD           | PJ-09-011    | Note 2  | Modernizare EPS U1   |                    | 600,000            | 1,200,000          | 800,000              |                    |                    |                    |                    |                      |                      |                    |                             |                   | 2,600,000            |                      |                    |                    |                   |                   |
|   |  | 8  | TBD           | PJ-09-006    | Note 2  | Modernizare / Inlocuire transformatoare medie tensiune la U1   |                    |                    |                    |                      |                    | 2,250,000          | 2,250,000          |                    |                      |                      |                    |                             |                   | 4,500,000            |                      |                    |                    |                   |                   |
|   |  | <b>TOTAL:</b>  |               |              |   |  |                    |                    | <b>0</b>           | <b>2,454,426</b>     | <b>9,698,779</b>   | <b>10,651,779</b>  | <b>9,394,400</b>   | <b>25,884,000</b>  | <b>36,000,000</b>    | <b>36,000,000</b>    | <b>13,500,000</b>  | <b>0</b>                    | <b>0</b>          | <b>126,099,985</b>   | <b>0</b>             | <b>17,483,400</b>  | <b>143,583,385</b> |                   |                   |
| PLEX  |  | PR-121   | PJ-10-007     |              | Extinderea duratei de viata a Unitatii 1 prin retubarea reactorului si retehnologizarea sistemelor principale                             | 0  | 0                  | 0                  | 855,000,000        | 150,000,000          | 150,000,000        | 450,000,000        | 720,000,000        | 1,830,000,000      | 1,830,000,000        | 765,000,000          | 6,750,000,000      | 0                           | 0                 | 6,750,000,000        |                      |                    |                    |                   |                   |
| <b>TOTAL PROJECTS NEEDED BUT SUBMITTED TO APPROVAL AT CNE CERNAVODA:</b>  |  |  |               |              |   |  | <b>5,104,500</b>   | <b>22,282,822</b>  | <b>30,867,912</b>  | <b>885,111,373</b>   | <b>166,069,400</b> | <b>175,884,000</b> | <b>486,000,000</b> | <b>756,000,000</b> | <b>1,843,500,000</b> | <b>1,830,000,000</b> | <b>765,000,000</b> | <b>6,890,454,985</b>        | <b>11,680,900</b> | <b>63,684,121</b>    | <b>6,965,820,007</b> |                    |                    |                   |                   |
| PROJECTS IN PREPARATION AT FCN PITESTI  | PROPOSED PROJECTS FCN PITESTI  | 1  |               |              |   | Dublarea capacitatii de fabricatie fascicule combustibile  | 130,000            | 1,000,000          | 0                  | 59,100               | 4,670,000          | 8,375,000          |                    |                    |                      |                      |                    |                             |                   |                      | 14,234,100           |                    |                    |                   |                   |
|   |  | 2  |               |              |   | Mentinerea capacitatii de fabricatie prin achizitia de echipamente noi/ modernizarea celor existente                 | 4,584,000          | 305,000            | 7,050,000          | 17,600,000           | 6,230,000          | 4,020,000          |                    |                    |                      |                      |                    |                             |                   |                      |                      | 39,789,000         |                    |                   |                   |
|   |  | 3  |               |              |   | Extindere sistem de protectie fizica (dublarea capacitatiei)   | 10,000,000         |                    |                    |                      |                    |                    |                    |                    |                      |                      |                    |                             |                   |                      |                      | 10,000,000         |                    |                   |                   |
|   |  | 4  |               |              |   | Extindere retea de date (dublarea capacitatiei)  |                    |                    |                    | 200,000              | 200,000            | 200,000            | 1,000,000          | 1,000,000          | 1,000,000            |                      |                    |                             |                   |                      |                      |                    | 3,600,000          |                   |                   |
|   |  | 5  |               |              |   | Achizitionare teren 17000 m2   | 7,565,000          |                    |                    |                      |                    |                    |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 7,565,000          |                   |                   |
|   |  | 6  |               |              |   | Depozit Zy-4 - 750 m2  |                    |                    | 2,169,380          |                      |                    |                    |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 2,169,380          |                   |                   |
|   |  | 7  |               |              |   | Depozit pulbere - 750 m2   |                    |                    |                    |                      |                    |                    | 2,169,380          |                    |                      |                      |                    |                             |                   |                      |                      |                    | 2,169,380          |                   |                   |
|   |  | 8  |               |              |   | Depozit FCN - 1000 m2  |                    |                    |                    |                      |                    |                    |                    | 2,892,500          |                      |                      |                    |                             |                   |                      |                      |                    | 2,892,500          |                   |                   |
|   |  | 9  |               |              |   | Depozit gaze - 200 m2  |                    |                    | 356,000            |                      |                    |                    |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 356,000            |                   |                   |
|   |  | 10   |               |              |   | Atelier AUTO (statie incarcare electrocare / stivuitoare) 250 m2   |                    |                    |                    |                      |                    | 723,130            |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 723,130            |                   |                   |
|   |  | 11   |               |              |   | Birou / vestiar - 200 m2   |                    |                    |                    |                      |                    | 578,500            |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 578,500            |                   |                   |
|   |  | 12   |               |              |   | Parcare auto - 3500 m2   |                    |                    |                    |                      |                    | 778,750            |                    |                    |                      |                      |                    |                             |                   |                      |                      |                    | 778,750            |                   |                   |
|   |  | 13   |               |              |   | Atelier tamplarie - 250 m2   |                    |                    |                    |                      |                    |                    | 723,130            |                    |                      |                      |                    |                             |                   |                      |                      |                    | 723,130            |                   |                   |
|   |  | <b>TOTAL PROIECTE DE INVESTITII IN PREGATIRE LA FCN PITESTI:</b> |               |              |   |  |                    |                    | <b>22,279,000</b>  | <b>1,661,000</b>     | <b>9,219,380</b>   | <b>17,859,100</b>  | <b>13,180,380</b>  | <b>15,487,510</b>  | <b>3,892,500</b>     | <b>1,000,000</b>     | <b>1,000,000</b>   | <b>0</b>                    | <b>0</b>          |                      |                      |                    |                    | <b>85,578,870</b> | <b>85,578,870</b> |
| <b>TOTAL IDENTIFIED PROJECTS AT CNE CERNAVODA</b>   |  |  |               |              |   |  | <b>236,570,771</b> | <b>265,935,194</b> | <b>247,831,232</b> | <b>1,146,504,429</b> | <b>392,122,504</b> | <b>349,235,266</b> | <b>498,303,104</b> | <b>776,230,000</b> | <b>1,848,280,000</b> | <b>1,850,230,000</b> | <b>769,780,000</b> | <b>7,094,213,128</b>        | <b>30,410,421</b> | <b>1,256,398,951</b> | <b>8,381,022,500</b> |                    |                    |                   |                   |
| <b>TOTAL IDENTIFIED PROJECTS AT FCN PITESTI</b>   |  |  |               |              |   |  | <b>30,882,500</b>  | <b>9,952,790</b>   | <b>12,463,590</b>  | <b>17,859,100</b>    | <b>13,180,380</b>  | <b>15,487,510</b>  | <b>3,892,500</b>   | <b>1,000,000</b>   | <b>1,000,000</b>     | <b>0</b>             | <b>0</b>           |                             |                   |                      |                      |                    |                    | <b>85,578,870</b> | <b>85,578,870</b> |
| Other investment related expenses   | 1  | PR-300   | N/A           |              | Achizitie terenuri/ cladiri si lucrari de amenajare/ reabilitare/ modernizare / extindere a acestora                                      | 775,000  | 250,000            | 250,000            | 250,000            | 250,000              | 250,000            | 250,000            | 250,000            | 250,000            | 250,000              | 250,000              | 250,000            |                             |                   |                      | 3,275,000            |                    |                    |                   |                   |
|   | 2  | PR-302   | N/A           |              | Cheltuieli pentru elaborarea studiilor de fezabilitate, a studiilor de fezabilitate si a altor studii aferente obiectivelor de investitii | 1,000,000  | 1,000,000          | 1,000,000          | 1,000,000          | 1,000,000            | 1,000,000          | 1,000,000          | 1,000,000          | 1,000,000          | 1,000,000            | 1,000,000            | 1,000,000          |                             |                   |                      | 11,000,000           |                    |                    |                   |                   |
|   | 3  | N/A  | N/A           |              | Alte cheltuieli de natura investitiilor (mijloace fixe independente, dotatii)   | 31,064,757   | 25,000,000         | 25,000,000         | 25,000,000         | 25,000,000           | 25,000,000         | 25,000,000         | 25,000,000         | 25,000,000         | 25,000,000           | 25,000,000           | 25,000,000         |                             |                   |                      | 281,064,757          |                    |                    |                   |                   |
|   | MPA majore   | TBD  | TBD           |              | Lucrari majore nenominalizate inca  | 0  | 0                  | 0                  | 20,000,000         | 20,000,000           | 20,000,000         | 20,000,000         | 20,000,000         | 20,000,000         | 10,000,000           | 10,000,000           | 10,000,000         |                             |                   |                      | 130,000,000          |                    |                    |                   |                   |
| <b>TOTAL OTHER INVESTMENT RELATED EXPENSES AT CNE CERNAVODA:</b>  |  |  |               |              |   |  | <b>32,839,757</b>  | <b>26,250,000</b>  | <b>26,250,000</b>  | <b>46,250,000</b>    | <b>46,250,000</b>  | <b>46,250,000</b>  | <b>46,250,000</b>  | <b>46,250,000</b>  | <b>36,250,000</b>    | <b>36,250,000</b>    | <b>36,250,000</b>  | <b>0</b>                    | <b>0</b>          |                      |                      | <b>425,339,757</b> | <b>425,339,757</b> |                   |                   |
| Other investment related expenses FCN Pitesti   | 1  |  | N/A           |              | Alte cheltuieli de natura investitiilor (mijloace fixe independente, dotatii)   | 1,549,525  | 1,041,700          | 824,700            | 1,045,870          | 1,194,200            | 1,585,050          | 1,128,850          | 1,089,350          | 497,500            | 557,700              | 1,094,700            |                    |                             |                   |                      | 11,609,145           | 11,609,145         |                    |                   |                   |
| <b>TOTAL OTHER INVESTMENT RELATED EXPENSES AT</b>   |  |  |               |              |   |  | <b>32,432,025</b>  | <b>10,994,490</b>  | <b>13,288,290</b>  | <b>18,904,970</b>    | <b>14,374,580</b>  | <b>17,072,560</b>  | <b>5,021,350</b>   | <b>2,089,350</b>   | <b>1,497,500</b>     | <b>557,700</b>       | <b>1,094,700</b>   |                             |                   |                      |                      | <b>117,327,515</b> | <b>117,327,515</b> |                   |                   |
| <b>1. TOTAL INVESTMENTS CNE+FCN (including U1 refurbishment and other investment related expenses) incl downpayment for PLEX in 2018:</b> |  |  |               |              |   |  | <b>301,842,553</b> | <b>303,179,684</b> | <b>287,369,522</b> | <b>1,211,659,399</b> | <b>452,747,084</b> | <b>412,557,826</b> | <b>549,574,454</b> | <b>824,569,350</b> | <b>1,886,027,500</b> | <b>1,887,037,700</b> | <b>807,124,700</b> | <b>7,094,213,128</b>        | <b>30,410,421</b> | <b>1,799,066,223</b> | <b>8,923,689,772</b> |                    |                    |                   |                   |
| <b>2. TOTAL INVESTMENTS CNE+FCN (including U1 refurbishment and other investment related expenses)excl. downpayment for PLEX in 2018</b>  |  |  |               |              |   |  | <b>301,842,553</b> | <b>303,179,684</b> | <b>287,369,522</b> | <b>361,659,399</b>   | <b>452,747,084</b> | <b>412,557,826</b> | <b>549,574,454</b> | <b>824,569,350</b> | <b>2,236,027,500</b> | <b>2,237,037,700</b> | <b>957,124,700</b> |                             |                   |                      |                      |                    |                    |                   |                   |

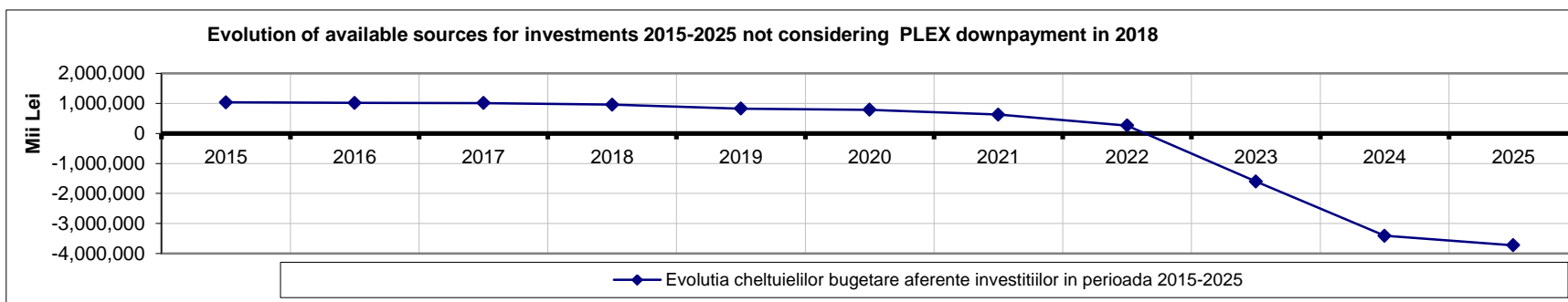
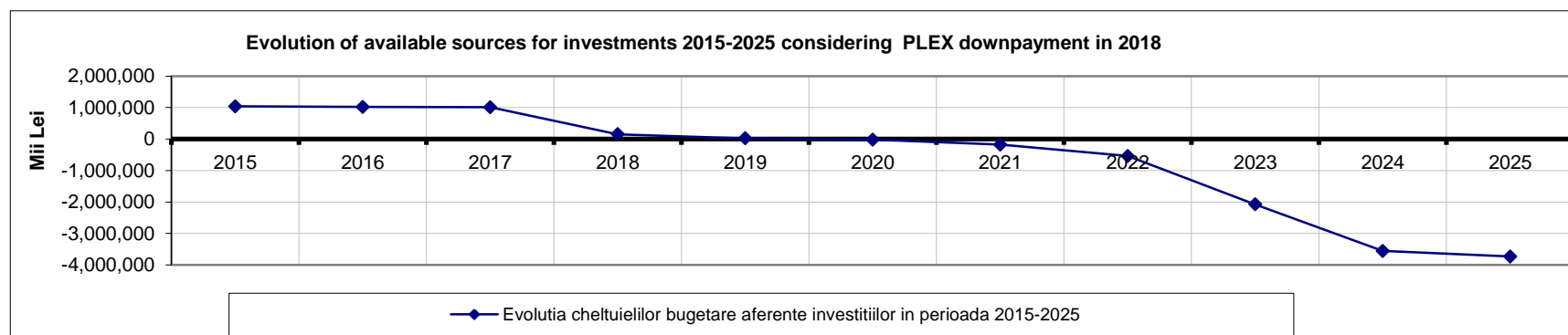
| Sectiunea   | Subsectiunea | NR. CRT | POZ, DE BUGET | PROJECT CODE | PLEX | PROJECT NAME | COSTS 2015  | COSTS 2016  | COSTS 2017  | COSTS 2018  | COSTS 2019  | COSTS 2020  | COSTS 2021 | COSTS 2022 | COSTS 2023 | COSTS 2024 | COSTS 2025 | Total costs (starting 2015) |            |                 |               |
|---|--------------|---------|---------------|--------------|------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|-----------------------------|------------|-----------------|---------------|
|   |              |         |               |              |      |              |             |             |             |             |             |             |            |            |            |            |            | Unit 1                      | Unit 2     | Shared expenses | Total         |
| <b>TOTAL ONGOING INVESTMENTS:</b>   |              |         |               |              |      |              | 143,615,199 | 74,009,820  | 36,672,558  | 28,999,003  | 33,773,104  | 28,020,229  | 33,773,104 | 26,250,000 | 26,250,000 | 26,250,000 | 26,250,000 | 96,531,075                  | 1,450,968  | 385,880,975     | 483,863,018   |
| <b>TOTAL PROJECTS NOT INFLUENCED BY PLEX:</b>                               |              |         |               |              |      |              | 115,741,089 | 171,227,947 | 197,804,959 | 261,239,594 | 225,205,000 | 171,581,037 | 4,780,000  | 20,230,000 | 4,780,000  | 20,230,000 | 4,780,000  | 20,265,840                  | 28,959,453 | 1,148,374,333   | 1,197,599,626 |
| <b>TOTAL PROJECTS THAT WILL BE IMPLEMENTED ONLY IF PLEX IS IMPLEMENTED:</b> |              |         |               |              |      |              | 1,554,240   | 22,480,426  | 15,518,779  | 15,375,832  | 9,394,400   | 25,884,000  | 36,000,000 | 36,000,000 | 13,500,000 | 0          | 0          | 158,224,278                 | 0          | 17,483,400      | 175,707,678   |



| AN | Existing capital       | 2015        | 2016        | 2017        | 2018        | 2019        | 2020        | 2021        | 2022        | 2023        | 2024        | 2025        |
|----|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1  | Amortisation           | 458,773,405 | 469,008,141 | 478,731,139 | 487,967,987 | 496,742,993 | 552,079,249 | 559,998,692 | 567,938,976 | 311,032,716 | 314,000,000 | 593,000,000 |
| 2  | U2 principal repayment | 207,000,000 | 200,000,000 | 212,000,000 | 198,000,000 | 198,000,000 | 198,000,000 | 198,000,000 | 148,000,000 | 55,000,000  | 0           | 0           |

STRATEGIC INVESTMENT PLAN 2015-2025, CERNAVODA NPP AND PITESTI NUCLEAR FUEL PLANT

| Sectiunea | Subsectiunea  | NR. CRT | POZ, DE BUGET | PROJECT CODE | PLEX | PROJECT NAME  | COSTS 2015    | COSTS 2016    | COSTS 2017    | COSTS 2018    | COSTS 2019   | COSTS 2020  | COSTS 2021   | COSTS 2022   | COSTS 2023     | COSTS 2024     | COSTS 2025   | Total costs (starting 2015) |        |                 |       |
|-----------|---|---------|---------------|--------------|------|---------------|---------------|---------------|---------------|---------------|--------------|-------------|--------------|--------------|----------------|----------------|--------------|-----------------------------|--------|-----------------|-------|
|           |   |         |               |              |      |               |               |               |               |               |              |             |              |              |                |                |              | Unit 1                      | Unit 2 | Shared expenses | Total |
| 3         | Investments Budget (incl downpayment for PLEX in 2018)  |         |               |              |      |               | 301,842,553   | 303,179,684   | 287,369,522   | 1,211,659,399 | 452,747,084  | 412,557,826 | 549,574,454  | 824,569,350  | 1,886,027,500  | #####          | 807,124,700  |                             |        |                 |       |
| 4         | Investments Budget (excl downpayment for PLEX in 2018)  |         |               |              |      |               | 301,842,553   | 303,179,684   | 287,369,522   | 361,659,399   | 452,747,084  | 412,557,826 | 549,574,454  | 824,569,350  | 2,236,027,500  | #####          | 957,124,700  |                             |        |                 |       |
| 5         | Estimation investment budget execution (95% of line 3), incl downpayment for PLEX in 2018               |         |               |              |      |               | 286,750,426   | 288,020,699   | 273,001,046   | 1,151,076,430 | 430,109,730  | 391,929,935 | 522,095,731  | 783,340,883  | 1,791,726,125  | 1,792,685,815  | 766,768,465  |                             |        |                 |       |
| 6         | Estimation investment budget execution (95% of line 3), excl. downpayment for PLEX in 2018              |         |               |              |      |               | 286,750,426   | 288,020,699   | 273,001,046   | 343,576,430   | 430,109,730  | 391,929,935 | 522,095,731  | 783,340,883  | 2,124,226,125  | 2,125,185,815  | 909,268,465  |                             |        |                 |       |
| 7         | Unused sources (1-2-5), incl downpayment for PLEX in 2018   |         |               |              |      |               | -34,977,021   | -19,012,558   | -6,269,907    | -861,108,443  | -131,366,737 | -37,850,686 | -160,097,039 | -363,401,907 | -1,535,693,409 | -1,478,685,815 | -173,768,465 |                             |        |                 |       |
| 8         | Unused sources (1-2-6) excl downpayment for PLEX in 2018  |         |               |              |      |               | -34,977,021   | -19,012,558   | -6,269,907    | -53,608,443   | -131,366,737 | -37,850,686 | -160,097,039 | -363,401,907 | -1,868,193,409 | -1,811,185,815 | -316,268,465 |                             |        |                 |       |
| 9         | Available sources for investments incl downpayment for PLEX in 2018 (existing capital + unused sources) |         |               |              |      | 1,072,342,267 | 1,037,365,246 | 1,018,352,688 | 1,012,082,781 | 150,974,339   | 19,607,602   | -18,243,084 | -178,340,123 | -541,742,029 | -2,077,435,438 | -3,556,121,253 | #####        |                             |        |                 |       |
| 10        | Available sources for investments excl downpayment for PLEX in 2018 (existing capital + unused sources) |         |               |              |      | 1,072,342,267 | 1,037,365,246 | 1,018,352,688 | 1,012,082,781 | 958,474,339   | 827,107,602  | 789,256,916 | 629,159,877  | 265,757,971  | -1,602,435,438 | -3,413,621,253 | #####        |                             |        |                 |       |



Note 1 Projects needed only if U1 refurbishment is done. Implementation prior to refurbishment planned outage has a positive impact on PLEX .

Note 2 Projects that will be implemented only if U1 refurbishment is done

Note 3 Projects that considerably facilitates PLEX execution

Projects coloured in grey are resulted from regulatory requirements