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1st December 2021



**REPORT TO COUNCIL MEMBERS
NOVEMBER 2021**

1. Category 1 Major Projects Monthly Report November 2021
2. Category 2 Repair & Maintenance Monthly Report November 2021.
3. NAECI Registered Manpower November 2021.
4. Unprocedural Action October 2021.
5. Potential Projects December 2021.
6. Major Projects December 2021.
7. NIP Application Status.

J SIMPSON
Executive Chairman

THERE WILL BE NO MONTHLY REPORT FOR DECEMBER 2021

NATIONAL JOINT COUNCIL
 CAT 1 MAJOR PROJECTS MONTHLY REPORTS
 NOVEMBER 2021

| | CLIENT | LOCATION | PROJECT/SITE | MONTHLY STATEMENT | CONTRACTORS | CURRENT MANPOWER | PEAK MANPOWER | NEXT MEETING |
|--------------------|--------|----------|----------------|--|-------------|------------------|---------------|--------------|
| CAT 1 | SSE | Keadby | Keadby 2 | The PJC met on 25.11.21. The Project continues to progress to schedule. | 10 | 310 | 490 | 27.1.22 |
| CAT 1 BASIC | Vynova | Runcorn | Project Summer | Awaiting confirmation of first meeting. | Nil | Nil | 215 | TBC |

NATIONAL JOINT COUNCIL
CAT 2 REPAIR & MAINTENANCE MONTHLY REPORTS
NOVEMBER 2021

| CLIENT | LOCATION | MONTHLY STATEMENT | CURRENT MANPOWER | CONTRACTORS | SHUTDOWN/TURNAROUND | NEXT MEETING |
|---|-------------|---|------------------|-------------|---|--------------|
| LyondellBasell | Carrington | No known issues. | 22 | 1 | The next Turnaround project due September 2022 approx 4 weeks with c100 in-scope personnel. | 11.4.22 |
| Exxon/Mobil | Fawley | No reportable matters. | 390 | 4 | TBA | 10.12.21 |
| INEOS FPS | Grangemouth | Plan to reduce CO2 emissions by 60% by 2030. | 116 | 4 | TAR planned for early 2023. | 10.12.21 |
| INEOS Petroineos | Grangemouth | No known issues. | 215 | 4 | April 2022 | 17.12.21 |
| INEOS Chems & Infra | Grangemouth | No known issues. | 273 | 4 | TBA | TBA |
| INEOS Acetyls | Hull | No reportable matters. | 120 | 1 | TBA | 6.12.21 |
| Exxon/Mobil | Mossmorran | No known issues. | 180 | 4 | TBA | 13.12.21 |
| Valero | Pembroke | No known issues. | 366 | 5 | Next shutdown September 2023. | 10.2.22 |
| Inovyn ChlorVinyls INEOS Enterprises | Runcorn | Site operating at normal strength. Project Summer: Structural contract let to F J Booth and Scaffold contract let to Altrad. MPEC&I contract to be confirmed. Mobilisation dates also yet to be confirmed. | 124 | 2 | Next TAR planned for Sept 2022 involving c100 in-scope ops. | 14.3.22 |
| Sellafield Ltd | Sellafield | No RIDDOR and one LTA during the period. Last RIDDOR 12.6.21. 88.3% of the labour force are local. No unprocedural action during the period. There are to be 2 Shop Steward and Supervisory Management Courses during January and February 2022. | 1027 | 24 | TBA | 19.1.22 |
| ESSAR | Stanlow | No known issues. | 290 | 5 | CDU4 Furnace Replacement preparations underway. Expected to commence March/April 2022 with up to 60 in-scope personnel. | 18.2.22 |

**NAECI REGISTERED MANPOWER
April 2019 - November 2021**

| | MONTH | PROJECTS & REPAIR & MAINTENANCE SITES | | OTHER REGISTERED WORK | TOTAL | + / - from PREVIOUS MONTH | |
|-------------|-------------|---------------------------------------|-------|-----------------------|-------|---------------------------|-------|
| | | PROJECTS | R & M | | | | |
| 2019 | APRIL | 1723 | 4736 | 4715 | 11174 | + 1336 | |
| | MAY | 1714 | 4369 | 4480 | 10563 | - 611 | |
| | JUNE | 1624 | 3635 | 4492 | 9751 | - 812 | |
| | JULY | 1516 | 3697 | 4504 | 9717 | - 34 | |
| | AUGUST | 863 | 4450 | 4542 | 9855 | + 138 | |
| | SEPTEMBER | 596 | 4936 | 4542 | 10074 | + 219 | |
| | OCTOBER | 773 | 4006 | 4621 | 9400 | - 674 | |
| | NOVEMBER | 824 | 3919 | 5054 | 9797 | + 397 | |
| | DECEMBER | 1074 | 4191 | 4971 | 10235 | + 438 | |
| | 2020 | JANUARY | 1255 | 4216 | 4964 | 10435 | + 200 |
| | | FEBRUARY | 1505 | 4340 | 5386 | 11231 | + 796 |
| | | MARCH | 1577 | 3831 | 5146 | 10554 | - 677 |
| APRIL | | 1358 | 3293 | 4918 | 9569 | - 985 | |
| MAY | | 1412 | 3707 | 5054 | 10173 | + 604 | |
| JUNE | | 1439 | 3470 | 3592 | 8501 | - 1672 | |
| JULY | | 1464 | 3226 | 2994 | 7684 | - 817 | |
| AUGUST | | 1552 | 3052 | 3319 | 7923 | + 239 | |
| SEPTEMBER | | 1245 | 3000 | 3319 | 7564 | - 359 | |
| OCTOBER | | 1180 | 3403 | 3329 | 7912 | + 348 | |
| NOVEMBER | | 1333 | 3292 | 3163 | 7788 | - 124 | |
| DECEMBER | | 1249 | 3372 | 3206 | 7827 | + 39 | |
| 2021 | JANUARY | 1133 | 3397 | 3345 | 7875 | +48 | |
| | FEBRUARY | 1000 | 3466 | 3266 | 7732 | -143 | |
| | MARCH | 763 | 3769 | 3365 | 7897 | +165 | |
| | APRIL | 714 | 3779 | 3383 | 7876 | -21 | |
| | MAY | 713 | 3855 | 3680 | 8248 | +372 | |
| | JUNE | 414 | 3509 | 3936 | 7859 | - 389 | |
| | JULY | 436 | 3457 | 4272 | 8165 | +306 | |
| | AUGUST | 453 | 3343 | 3418 | 7214 | -951 | |
| | SEPTEMBER | 428 | 3094 | 3433 | 6955 | -259 | |
| | OCTOBER | 373 | 3153 | 3433 | 6959 | +4 | |
| | NOVEMBER | 310 | 3123 | 3350 | 6783 | -176 | |

**INDEPENDENTLY AUDITED
CATEGORY 1 MAJOR PROJECTS and
CATEGORY 2 R&M PROJECTS
UNPROCEDURAL ACTION
OCTOBER 2021**

| PROJECT CLIENT | EMPLOYERS TRADE UNIONS | NO OF MEN | DATE/ DURATION | MAN DAYS LOST | MAN DAYS WORKED |
|-------------------------------|------------------------|-----------|----------------|---------------|-----------------|
| NO UNPROCEDURAL ACTION | | | | | |

**CATEGORY 1 MAJOR PROJECTS
CUMULATIVE UNPROCEDURAL ACTION
October 2020 – October 2021
as at END November 2021**

| CAT 1 PROJECTS | No Strikes | Man Days Lost |
|--------------------------|------------|---------------|
| TEESSIDE LTD BIOMASS (F) | 1 | 7 |
| SSE KEADBY 2 | | |
| TOTAL | 1 | 7 |

**CATEGORY 2 R&M PROJECTS
CUMULATIVE UNPROCEDURAL ACTION
From October 2020 – October 2021
as at END November 2021**

| CAT 2 PROJECTS | No Strikes | Man Days Lost |
|----------------|------------|---------------|
| SELLAFIELD | 0 | 0 |
| TOTAL | 0 | 0 |

F Project now finished
U Unaudited Project

REVIEW OF
NATIONAL JOINT COUNCIL for the ENGINEERING CONSTRUCTION INDUSTRY
POTENTIAL PROJECTS in next 3 years
1st DECEMBER 2021

| | CLIENT | LOCATION | PROJECT | COMMENTS | LAST UPDATED |
|---|---|----------------------------|---|---|--------------|
| | DOUBLE CLICK ON THOSE CLIENTS UNDERLINED FOR GREATER DETAIL | | | | |
| | NON EFW OR BIOMASS (13) | | | | |
| | <u>Belfast Power Ltd</u> | Belfast | 480MW CCGT | Belfast Power Ltd is a subsidiary of Evermore Energy. Department for Infrastructure has issued a notice of opinion to approve the development. Project designed by Siemens Energy. 700 peak workforce. Awaiting HSE approvals and final investment decision. Gravis Planning acting as planning advisors. No new information. | 29.11.21 |
| | <u>Drax</u> | Cruachan 2 | 600MW Hydro Storage PS inside Ben Cruachan. | Feasibility study completed to determine possibility of developing addition 400 - 600MW of capacity. Investment of £300-£400m. Located inside Ben Cruachan. Acquired by Drax October 2018. Peak workforce 900. Drax starting the planning process for the build. Public consultation took place Summer 2021. Application to Scottish Ministers expected early 2022. No new information. | 29.11.21 |
| T | <u>Eggborough Power Ltd</u> | Eggborough, Goole, E Yorks | up to 2500MW CCGT | EPL currently undertaking technical and environmental studies to identify most suitable location within the Eggborough site for the CCGT and best route for pipeline. Development consent granted 20.9.18. Project designed to be carbon capture and CHP ready. Subject to final investment decision. No new information. | 29.11.21 |
| T | <u>EP UK Investments</u> | Kings Lynn | 1700MW CCGT | EP UK have planning permission for a 1020MW PS at Saddlebow but now want to increase to a 1700MW combined cycle. Awaiting investment decision. Variation consent to 1700MW granted. No new information. | 29.11.21 |
| T | <u>EP UK Investments</u> | South Humber Bank | EP South Humber Bank RDF Energy Centre up to 95MW | Site acquired from Centrica 2017. Planning permission granted by N E Lincolnshire Council 12.4.19 for 49.9MW. Deadline for NIP recommendation to Sec of State 10.8.21. Sec of State to make decision by 10.11.21. Sec of State granted consent 10.11.21 | 29.11.21 |

| | | | | |
|--|--|--|---|----------|
| Equinor & SSE | Aldbrough | Hydrogen Storage 320GW Hours | SSE/Equinor developing plans for hydrogen storage unit (9 underground salt caverns) Initially used to store hydrogen produced to fuel the Keadby Hydrogen PS it would enable ambitions for expanding the market late 2020s. Additional caverns may need to be constructed. Completion expected 2028. No new information. | 29.11.21 |
| General Fusion | Culham, Oxfordshire | Nuclear Fusion Power Plant Waste Free energy | General Fusion (new Canadian co) – backed by Jeff Bezos. Announced plans to build a £300m pilot power plant outside London by 2025. Construction expected to commence 2022. 3yr build. Received undisclosed amount of funding from UK Gov. Further funds needed. No new information. | 29.11.21 |
| Hlrwaun Power DRAX Group | Cynon Valley, Rhondda | 290MW OCGT Peaking Plant | Peak workforce 250. Successful in March 2021 Capacity Auction. 24 month build. Expect to PS to enter commercial operation by October 2024. No new information. | 29.11.21 |
| INEOS | Hull | Vinyl Acetate Monomer Plant (VAM) | INEOS to invest £150m to construct new VAM Plant. Fluor awarded the FEED contract which is currently ongoing. Much of plant will be modular built offsite. Project shelved. | 29.11.21 |
| Intergen | Spalding | 645MW CCGT | Received Section 36 consent in November 2010 and latest revised consent in January 2018. Peak workforce 1500. Expansion project is carbon capture ready. Spalding Energy Park Ltd made application for an electricity generating licence on 22.9.20. No new information. | 29.11.21 |
| Millbrook Power Ltd DRAX Group | Rookery Pit, Nr Stewartsby, Bedfordshire | 299MW CCGT | Consent granted 13.3.19. Peak manpower 150. Construction 2 years. Successful in March 2021 Capacity Auction. Options being evaluated. No new information. | 29.11.21 |
| Net Zero Teesside | Teesside | Whitetail Clean Energy Project 300MW Complex | Previously known as the Clean Gas Project. OGCI Climate Investments which include Shell, Total, Equinor and Eni and led by BP. Memorandums of Understand been signed with three industrial partners. Start-up date of mid-2025. Initial Stage 1 consultation carried out Autumn 2019. From end June 2020 to mid-September final stage of consultation (Stage 2). 2000 workforce. Atkins appointed to support Whitetail through design phases to financial close. They will also provide on-site presence to monitor, supervise and manage construction and commissioning phase. No new information. | 29.11.21 |
| Progress Power DRAX Group | Eye Airfield Industrial Estate, Suffolk | 299MW OCGT PS | Peak workforce 250. Sec of State granted consent 23.7.15. Application made to NIP 29.5.20 for non-material changes to the project. Deadline for receipt of representations 10.7.20. Sec of State approved on material changes 27.7.20. Successful in March 2021 Capacity Auction. Work has started to prepare Eye Airfield so that development of the PS can get underway later this year – erection of the perimeter fence commences 28.7.21. No new information. | 29.11.21 |

| Energy from Waste (4) | | | | | |
|-------------------------------|--|------------------------------|---|---|----------|
| | Brockwell Energy Ltd | Westfield Energy Centre Fife | EfW | Brockwell have option to lease the site to develop energy projects. Planning permission granted October 2017. Funding now secured. HZI named as preferred bidder. Construction due to commence late Summer 2021 completion 2024. No new information. | 29.11.21 |
| | Hartlepool Borough Council | Grangetown, Teesside | EfW | Partnership of Darlington BC, Durham CC, Middlesbrough Council, Newcastle City Council, Redcar & Cleveland BC and Stockton-on-Tees BC is hoped to be in place by December 2021. Outline planning permission already in place. 300 peak workforce. 4 yr construction. No new information. | 29.11.21 |
| | North Beck Energy | Immingham | 50MW Energy Centre | Peak workforce of 350. 3 year construction. North Beck will not operate the plant but will develop and sell it on. Planning permission granted. No new information. | 29.11.21 |
| T | North London Waste Authority | Edmonton Eco Park | 70MW EfW | Client confirms as a NAECI Project with a provisional start date of 2023. Bidding for contracts has commenced. Contract to run for 45 months. Acciona only remaining bidder faced with local campaign urging them to withdraw to protect its sustainable reputation. However, Acciona supported by HZI has submitted detailed solutions to the tender. Plant scheduled to be operational 2025. No new information. | 29.11.21 |
| Biomass (1) | | | | | |
| T | Simec Atantis Energy | Uskmouth | 220MW Conversion to Biomass In 2 Phases | Full EPC Contract award Q1/20. Site construction works commence Q2/20. Design & Development contract awarded to Hitachi Europe. Financial close and contract award expected Q3/20. Final design studies now underway re scope of EPC contract which will be a global process. Contract negotiations expected to conclude early Q1/21. Financial close expected late Q1/21 or early Q2/21. Financial close for Stage 2 expected shortly following commissioning of Phase 1. 24.3.21 Application called in to be determined by Welsh Minister rather than local council. Simec made final submission to Natural Resources Wales (NRW) and is confident of its compliance with all legislation and to address any issues. A decision from NRW expected Q3/21. Partnership announced with Remediate (UK) Ltd, a developer of technologies to utilise waste gases, to work towards Carbon neutral by 2025 and carbon negative by 2030. Welsh Gov now to decide on permit variation having blocked NRW from doing so. SAE seeking to ensure Welsh Gov understands seriousness of any delay. No new information. | 29.11.21 |
| TOTAL POTENTIAL/FUTURE | | 18 | | | |

THIS DATA IS TAKEN FROM A NUMBER OF SOURCES AND IS THE BEST AVAILABLE. ITS ACCURACY RELIES UPON FEEDBACK FROM CLIENTS & INDUSTRY CONTACTS.



NATIONAL JOINT COUNCIL for the ENGINEERING CONSTRUCTION INDUSTRY
MAJOR and MINOR PROJECTS 1ST DECEMBER 2021

► **DATES ARE ESTIMATIONS AND ARE SUBJECT TO CHANGE**

| Client/Managing Contractor | Location | Project | Peak Workforce | Cap Value £m | Start | Finish | Q4/21 | Q1/22 | 02/22 | 03/22 | 04/22 | 01/23 | 02/23 |
|-----------------------------------|-------------|-----------------|----------------|--------------|-------|--------|----------|----------|----------|----------|----------|----------|----------|
| INEOS Chemicals & Infrastructure | Grangemouth | Replacement CHP | 300 | 350 | Q4/21 | Q1/24 | | | | | | | |
| SSE Keadby 2/Siemens | Keadby | 840MW CCGT | 490 | 350 | Q4/19 | Q1/22 | | | | | | | |
| Total Projects per Quarter | | | | | | | 2 | 2 | 1 | 1 | 1 | 1 | 1 |

MINOR PROJECTS (2)

| Client/Managing Contractor | Location | Project | Peak Workforce | Cap Value £m | Start | Finish | Q4/21 | Q1/22 | 02/22 | 03/22 | 04/22 | 01/23 | 02/23 |
|-----------------------------------|----------|----------------|----------------|--------------|-------|--------|----------|----------|----------|----------|----------|----------|----------|
| Valero/Fluor | Pembroke | 45MW CHP | 50 | 100 | Q3/19 | Q4/21 | | | | | | | |
| Vynova Runcorn Ltd | Runcorn | Project Summer | 200 | 50 | Q3/21 | Q2/22 | | | | | | | |
| Total Projects per Quarter | | | | | | | 2 | 1 | 1 | 0 | 0 | 0 | 0 |

NIP APPLICATION STATUS as at 29.11.21

| CLIENT | PROJECT | STATUS | DATE |
|-------------------------------------|---|--|-----------------|
| EP Waste Management Ltd | 95MW South Humber Bank Energy Centre | Application submitted 9.4.20. NIP accepted application 4.5.20. Interested Parties can register from 28.5.20. Registration closes 16.7.20. Details of the Preliminary to be announced shortly. Further information and a questionnaire has been requested by 12.8.20. Site inspection carried out 25.8.20. Maintenance on site 14.9.20. Part 1 of Preliminary Meeting 21.10.20. Part 2 will be livestreamed on 10.11.20. Written Representations and comments on those already submitted due by 8.12.20. Deadline for Close of Examination 10.5.21. Drone Aerial footage to be available 1.3.21. Following review of this Accompanied Site Inspection requirement will be made and examination timetable amended accordingly. 23.3.21 – Examining Authority satisfied that accompanied Site Inspection not required. NIP to submit recommendation by 10.8.21. Sec of State to make decision by 10.11.21. Sec of State granted consent 10.11.21. | Consent granted |
| NNB Generation Co (HPC) Ltd | Hinkley Point C New Nuclear PS Material Change 1 | Application for Material Change to amend the Environmental Permit for Water Discharge Activity. First virtual hearing took place 11.5.20 – draft documents review could take up to 3 months. Application made for non-material changes made 28.7.20. Deadline for receipt of representations 4.9.20. Representations published 7.9.20. NNB in contact with EA re approval of permit amendment before submitting the material change application to NIP. Sec of State considering application but requested further information. Response due after 19.11.21. | After 19.11.21 |
| Keadby Generation Ltd | Keadby 3 Low Carbon Gas PS Project 910MW | Application received 1.6.21. NIP has 28 days to make decision to accept application – 29.6.21. Application accepted 29.6.21. Registration closes 2.9.21. Preliminary Meeting 7.12.21. | 7.12.21 |
| NNB Nuclear Generation (SZC) Ltd | Sizewell C New Nuclear PS | Application received 27.5.20. NIP acceptance decision by 24.6.20. Accepted for examination 24.6.20. Registration closes 30.9.20. NNB must certify to NIP that it has complied with application notification requirements after which a Preliminary Meeting date will be set. Relevant representations available shortly. NIP requested further information in form of a questionnaire. Part 1 of the Preliminary Meeting held 23.3.21. Part 2 of the Prelim Meeting 14.4.21. Prelims closed – examination commenced. Timetable and Examination information published 21.4.21. Comments on the Application by noon 7.6.21. Site Inspection 22.6.21. Close of Examination 14.1.21. Deadline for Close of Examination 14.10.21. Deadline for NIP to submit recommendation 14.1.22. | 14.1.22 |
| Thurrock Power Ltd | Thurrock Flexible Generation Plant 600MWElectrical capacity/150MW Battery storage | Application received on 27.5.20. NIP acceptance decision due by 24.6.20. Accepted for examination 24.6.20. Approximately 3 months to prepare for examination. Registration closes 18.8.20. Further information requested by NIP. Deadline for questionnaire responses 13.9.20. Interested parties to submit forms by 6.10.20 for Preliminary Meeting. Part 1 of the Preliminary Meeting held 20.10.20. Part 2 of the Preliminary Meeting scheduled for 4.11.20. Preliminary Meeting Part 2 postponed until 16.2.21. Deadline For Close of Examination 16.8.21. Planning Inspectorate to submit recommendation 16.11.21. Sec of State to make decision by 16.2.22. | 16.2.22 |
| Alternative Use Boston Projects Ltd | 80MW Alternative Energy RDF, Boston Lincs | Application received 30.11.20. NIP has 28 days to review – Acceptance decision due by 28.12.20. Application withdrawn 23.12.20. Application withdrawn. Application resubmitted 23.3.21. Decision on acceptance of application by 20.4.21. Accepted for examination. Approximately 3 months to prepare. Interested parties to register by 18.6.21. Preliminary Meeting 28.9.21 now closed. Timetable for Examination to be issued shortly. Deadline for Close of Examination 7.4.22. | 7.4.22 |
| FCC Environment (UK) Ltd | Extension to Allington EfW Facility to increase to 72.5MW | Application expected Q4/21. | Q4/21 |
| Equinor | Sheringham (317MW) & Dudgeon (402mw) Extension Projects | Application expected Q4/21 | Q4/21 |
| N Lincolnshire Green Energy Pk Ltd | North Lincolnshire Green Energy Park 95MW | Application expected Q4/21 | Q4/21 |
| MVV Environment Ltd | Medworth EfW CHP 58MWQ4/20 | Application expected Q1/22 | Q1/22 |
| SSE Plc | Seabank 3 1400MW CCGT | Application expected 2021 | 2021 |
| Scottish Power | Avon Power Station 1500MW CCGT Severnside | Application expected 2021 | 2021 |
| DRAX Power Ltd | Drax Bioenergy with Carbon Capture | Application expected Q2/22 | Q2/22 |
| Bradwell B (CGN/EDF) | Bradwell B New Nuclear PS 2.2GW | Application TBD | TBA |
| RES UK & Ireland | Alexandra Dock Biomass | No project timetable set | TBA |
| Wyre Power Ltd | 900MW Hillhouse Enterprise Zone PS | No project timetable set | TBA |
| SSE Generation Ltd | Ferrybridge D 2000MW CCGT | No project timetable set | TBA |
| NuGeneration Ltd (NuGen) | NuGen Moorside Project in West Cumbria | No project timetable set | TBA |
| Horizon Nuclear Power | Oldbury New Nuclear Power Station | No project timetable set | TBA |