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|-----|---|------------|---|--|---|--|
| 214 | Interco Iceland-UK  | IS-GB      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/214">https://hyndp.entsoe.eu/hyndp2018/projects/project/214</a> | <a href="https://www.landsvirkjun.com/research/development/research/submarinecable/eurosea">https://www.landsvirkjun.com/research/development/research/submarinecable/eurosea</a>  | A dialogue with the UK and Iceland government to ensure the political support necessary in order for the project to advance. This next phase of the project should then be based on recommendations from the UK-Iceland energy task force and includes cooperation between the two governments where the project's feasibility is assessed and the appropriate regulatory and financial support mechanisms are designed.  |  |
| 219 | EuroAsia Interconnector   | GR-CY-IL   | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/219">https://hyndp.entsoe.eu/hyndp2018/projects/project/219</a> | <a href="http://www.euroasia-interconnector.com">www.euroasia-interconnector.com</a>   | Currently the Tender Documents for the construction of the Project are being finalised and will be made available to the pre-qualified companies in order to prepare their bids. The procurement process follows the negotiated procedure with several rounds of negotiations which will lead to the award of the contracts. The expected date for the award of the contracts is indicative but is estimated to take place end of Q2 and beginning of Q3 2019.  |  |
| 230 | GerPol Power Bridge I   | DE-PL      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/230">https://hyndp.entsoe.eu/hyndp2018/projects/project/230</a> | <a href="http://www.liniajainkibaczyna.pl/">http://www.liniajainkibaczyna.pl/</a>  | Building permit for the investment No 353 - Construction of new 400 kV double circuit line Krajnik - Baczyna.   |  |
| 235 | HVDC Suedlink<br>Brunsbüttel/Wilster to<br>Großgartach/Grafenheinfeld | DE-DK/NO   | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/235">https://hyndp.entsoe.eu/hyndp2018/projects/project/235</a> | <a href="http://suedlink.tennet.de/home.html">http://suedlink.tennet.de/home.html</a><br><a href="https://www.transnetbw.de/de/uebertragungsnetze/dialog-netzbau/suedlink">https://www.transnetbw.de/de/uebertragungsnetze/dialog-netzbau/suedlink</a>   | "Planned, but not yet in permitting. The § 6 NABEG application documents for the Federal Sectoral Planning for each of the sections were submitted in 2017. The BNetzA held "application conferences" and defined the scopes of investigation for the sections. Since then the project promoters TransnetBW and Tennet are continually creating the application documents for the § 6 NABEG procedure. It is important to note that according to the TEN-E Regulation Article 10 [1], the project has not entered the status of "permitting" yet. Nonetheless, several activities with respect to planning and permitting (Federal Sectoral Planning) – which have to be conducted according to German Law before the permitting phase according to the TEN-E Regulation begins – have already been started and to some extent completed. Moreover a tender of major suppliers have been launched and contract awarding is planned for early 2020."   |  |
| 247 | AQUIND Interconnector   | GB-FR      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/247">https://hyndp.entsoe.eu/hyndp2018/projects/project/247</a> | <a href="http://www.aquindconsultation.co.uk">www.aquindconsultation.co.uk</a> , <a href="http://www.aquindconsultation.fr">www.aquindconsultation.fr</a>  | Current stage: Permitting<br>Ongoing activities:<br>Completing Environmental Impact Assessments in France and the UK<br>Preparing applications for the relevant permits and consents to the relevant authorities in France and the UK<br>Preparation for a formal tender for converter stations and cables.<br>Approval of the project by the NRAs  |  |
| 254 | HVDC Ultratran<br>Osterath to<br>Philippsburg                         | DE         | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/254">https://hyndp.entsoe.eu/hyndp2018/projects/project/254</a> | <a href="https://www.transnetbw.de/de/ultranet">https://www.transnetbw.de/de/ultranet</a><br><a href="https://www.amgron.net/Netzausbau/aktuelle-Projekte/Ultratran/">https://www.amgron.net/Netzausbau/aktuelle-Projekte/Ultratran/</a>   | Planned, but not yet in permitting  |  |
| 260 | New Great Britain - Netherlands<br>Interconnection                    | NL-GB      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/260">https://hyndp.entsoe.eu/hyndp2018/projects/project/260</a> | N/A  | "Onshore grid connection feasibility phase:<br>Agreement secured in 2017 for a 50% of coastal grid connection capacity in the UK (available from 2023)<br>Grid connection in the Netherlands to be investigated in this phase"  |  |
| 270 | FR-ES project - Aragón-Atlantic<br>Pyrenees                           | FR-ES      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/270">https://hyndp.entsoe.eu/hyndp2018/projects/project/270</a> | <a href="https://www.ree.es/es/actividades/gestor-de-la-red-y-transportista/proyectos-de-interconexiones-europeas-pie">https://www.ree.es/es/actividades/gestor-de-la-red-y-transportista/proyectos-de-interconexiones-europeas-pie</a><br><a href="https://www.mincotur.gob.es/energia/planificacion/PlanificacionElectricidad/ys/s/desarrollo2015-2020/Paeninas/desarrollo.aspx">https://www.mincotur.gob.es/energia/planificacion/PlanificacionElectricidad/ys/s/desarrollo2015-2020/Paeninas/desarrollo.aspx</a> | Through CBA and feasibility analysis of Aragón-Atlantic Pyrenees and the related internal network reinforcement: Congestion studies on internal networks, detailed feasibility studies for Aragón-Atlantic Pyrenees and for the reinforcements needed on the internal grids, CBA assessment (2020)  |  |
| 276 | FR-ES project - Navarra-Landes  | FR-ES      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/276">https://hyndp.entsoe.eu/hyndp2018/projects/project/276</a> | <a href="https://www.ree.es/es/actividades/gestor-de-la-red-y-transportista/proyectos-de-interconexiones-europeas-pie">https://www.ree.es/es/actividades/gestor-de-la-red-y-transportista/proyectos-de-interconexiones-europeas-pie</a><br><a href="https://www.mincotur.gob.es/energia/planificacion/PlanificacionElectricidad/ys/s/desarrollo2015-2020/Paeninas/desarrollo.aspx">https://www.mincotur.gob.es/energia/planificacion/PlanificacionElectricidad/ys/s/desarrollo2015-2020/Paeninas/desarrollo.aspx</a> | Through CBA and feasibility analysis of Navarra-Landes and the related internal network reinforcement: Congestion studies on internal networks, detailed feasibility studies for Navarra-Landes and for the reinforcements needed on the internal grids, CBA assessment (2020)  |  |
| 284 | LEG1  | LY-GR      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/284">https://hyndp.entsoe.eu/hyndp2018/projects/project/284</a> | <a href="http://www.greenpower2020.net">www.greenpower2020.net</a>   | LEG1 is currently planned but not permitting. We aim at finalising the high-level feasibility study description in the coming weeks, then identify activities which will require permits (subsea surveys, etc) and apply for the said permits.<br>LEG1 have obtained outstanding supply chain support and involvement!  |  |
| 285 | GridLink  | GB-FR      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/285">https://hyndp.entsoe.eu/hyndp2018/projects/project/285</a> | <a href="http://www.gridlinkinterconnector.com">www.gridlinkinterconnector.com</a>   | Current phase is Advanced Feasibility - expected to finish in December 2018<br>Next phase is Full Development - expected to finish in March 2021  |  |
| 286 | Greenlink   | IE-GB      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/286">https://hyndp.entsoe.eu/hyndp2018/projects/project/286</a> | <a href="https://www.greenlinkinterconnector.eu/">https://www.greenlinkinterconnector.eu/</a>  | The current activities being carried out by the PCI are:<br>• Bonding subsea surveys along the cable route for the PCI, commenced in September 2018 and expected to be completed in January 2019.<br>• Offloading onshore environmental and technical surveys on the onshore cable route and converter station sites in Ireland and Wales, expected to be completed in February 2019.<br>• Offloading with landowners on the Irish and Welsh cable route and the potential Welsh converter station sites for the acquisition of land rights required for construction and operation of the interconnector.<br>• Undertaking an Official Journal of the European Union (OJEU) compliant procurement process for the engineering, procurement and construction of the interconnector, including the HVDC converter stations and cables. Greenlink is currently completing the pre-qualification questionnaire stage and expects to commence the stage 1 invitation to tender by the end of November 2018.<br>• Offloading with EirGrid in relation to an Irish grid connection offer, expected to be issued by EirGrid by the end of December 2018.<br><br>The next stage of the PCI, facilitated by the activities above, is the submission of planning (in the UK and Ireland "planning" in this context means permitting) applications in Ireland and Wales, expected to be submitted by the end of April 2019.<br><br>During next year (2019) the relative Approval of the Environmental Impact Assessment of the whole project is expected to be issued, as well as the Final Connection Terms by the Greek System Operator. |  |
| 293 | Southern Aegean Interconnector  |            | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/293">https://hyndp.entsoe.eu/hyndp2018/projects/project/293</a> | <a href="http://evnics-group.com/projects/aegean-project">http://evnics-group.com/projects/aegean-project</a>  |   |  |
| 296 | Britib  | FR-GB      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/296">https://hyndp.entsoe.eu/hyndp2018/projects/project/296</a> | <a href="http://www.grupocobra.com">www.grupocobra.com</a>   | Inclusion in PCI list.  |  |
| 297 | BRABO II + III  | NL-BE      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/297">https://hyndp.entsoe.eu/hyndp2018/projects/project/297</a> | <a href="http://www.elia.be/en/projects/grid-projects/brabo">http://www.elia.be/en/projects/grid-projects/brabo</a>  | Brabo II: Construction works for the 380kV line connection between substation Lillo and Liefkenshoek is ongoing. The installation of the 380 kV GIS at Lillo is almost finished. The construction works of 380kV line connection between Lillo and Zandvliet is going to start after the demolition of the 150kV line connection (Planned beginning of 2019). The complete 380kV line connection between Liefkenshoek - Lillo - Zandvliet is planned to be commissioned end of 2020.<br>Brabo III: Next and final phase is the construction of the 380kV line connection between Liefkenshoek and Mercator. Commissioning is planned in 2025.   |  |
| 299 | SACOIS  | ITSar-Itcn | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/299">https://hyndp.entsoe.eu/hyndp2018/projects/project/299</a> | <a href="https://www.terna.it/en-gb/sistemaelettrico/pianodiviluppoedellarete/progetti/interessecomune.aspx">https://www.terna.it/en-gb/sistemaelettrico/pianodiviluppoedellarete/progetti/interessecomune.aspx</a>  | currently the permitting procedure is ongoing, it is expected to last till end 2021   |  |
| 309 | NeuConnect  | GB-DE      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/309">https://hyndp.entsoe.eu/hyndp2018/projects/project/309</a> | <a href="http://www.neuconnect.eu">www.neuconnect.eu</a>   | Currently, NeuConnect is working towards the launch of the EPC procurement process. The activities underway to enable this milestone to occur include:<br>1 - Delivery of Final Seabed Survey reports to allow the subsea route and cable design to be issued to the bidders.<br>2 - Delivery of The Functional Specification of the Interconnector component parts including HVDC Subsea Cables and Converter Station to issue to potential bidders.<br>3 - Drafting of the EPC Procurement Contracts.   |  |
| 312 | St. Peter - Tauern (AT Internal)                                      | DE-AT      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/312">https://hyndp.entsoe.eu/hyndp2018/projects/project/312</a> | <a href="http://www.aag.at/de/netz/netzausbau/PCI/StPeterTauern">http://www.aag.at/de/netz/netzausbau/PCI/StPeterTauern</a>  | Approval expected until the End of 2018. Start of construction works beginning of 2019. Commissioning in 2023   |  |
| 313 | Isar/Altheim/Ottenhofen (DE) -<br>St.Peter (AT)                       | DE-AT      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/313">https://hyndp.entsoe.eu/hyndp2018/projects/project/313</a> | <a href="http://www.aag.at/de/netz/netzausbau/PCI">http://www.aag.at/de/netz/netzausbau/PCI</a><br><a href="https://www.netztransmission.de/en">https://www.netztransmission.de/en</a>   | "Permit Granting Process (according to ACER PCI Monitoring questionnaire submitted on 31 March 2018) with the following main works and activities:<br>- Environmental and spatial studies<br>- Identification of alternatives solutions / site identification<br>- Public consultations<br>- Preparation of permitting files, contracts and other documents<br>- Detailed technical design"   |  |
| 320 | Slovenia-Hungary/Croatia<br>interconnection                           | SI-HU      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/320">https://hyndp.entsoe.eu/hyndp2018/projects/project/320</a> | <a href="https://www.cirkovce-pince.eu/">https://www.cirkovce-pince.eu/</a>  | For the substation Cirkovce, tendering process is underway and will be completed by April 2019. Afterwards, construction of the substation will begin.<br>For the OHL Cirkovce-Pince, a request for building permit was submitted to the competent authority on 14th May 2018. Construction works are expected to start from 30th September 2019, thus, this being final date of permit granting process.   |  |
| 323 | Dekani (SI) - Zauale (IT)<br>interconnection                          | SI-IT      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/323">https://hyndp.entsoe.eu/hyndp2018/projects/project/323</a> |  | Ongoing activities for final building permits in Slovenia   |  |
| 324 | Redipuglia (IT) - Vrtoljba (SI)<br>interconnection                    | SI-IT      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/324">https://hyndp.entsoe.eu/hyndp2018/projects/project/324</a> |  | Ongoing activities to obtain all the building permits in Slovenia.  |  |
| 325 | AT, SI, IT - South-East Alps Project                                  | AT-IT      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/325">https://hyndp.entsoe.eu/hyndp2018/projects/project/325</a> | <a href="http://www.aag.at/de/netz/netzausbau/PCI/Liens/Obersjeflach">http://www.aag.at/de/netz/netzausbau/PCI/Liens/Obersjeflach</a>  | feasibility study   |  |
| 330 | 4th 400kV CZ-SK Interconnector  | SK-CZ      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/330">https://hyndp.entsoe.eu/hyndp2018/projects/project/330</a> | On the Czech side: <a href="https://www.ceps.cz/cz/rozvoj-ps">https://www.ceps.cz/cz/rozvoj-ps</a> . On the Slovak side: <a href="https://www.sepas.sk/ProgramRozvoja.asp?kod=338">https://www.sepas.sk/ProgramRozvoja.asp?kod=338</a>   | On the Czech side, launching of the Environment Impact Assessment process and settlement of the regional land use development principles and local land use plans is foreseen.<br>On the Slovakia side, currently there is no running activities within SEPS related directly to this project. The next step is Final Investment Decision for building the substation Ladoce that is expected to be granted in the first half of the year 2020.   |  |
| 335 | North Sea Wind Power Hub  | DK/NL-DE   | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/335">https://hyndp.entsoe.eu/hyndp2018/projects/project/335</a> | <a href="https://northseawindpowerhub.eu/">https://northseawindpowerhub.eu/</a>  | Access phase - based on the identified opportunity:<br>An internationally coordinated, large scale far offshore wind energy from the North Sea to deliver energy at competitive prices around 2030 and facilitate meeting the Paris agreement. The project is committed to explore and develop regional socio-economic beneficial and reliable offshore infrastructure, including possible conversion into F2C, that supports wind farm operations and interconnections between markets.<br>In the current access phase the project explores the different options to deliver on this opportunity, through detailed technical-economic feasibility studies and consultation of stakeholders.  |  |
| 349 | MAREX Organic Power<br>Interconnector                                 | UK-IE      | <a href="https://hyndp.entsoe.eu/hyndp2018/projects/project/349">https://hyndp.entsoe.eu/hyndp2018/projects/project/349</a> | <a href="http://www.organicpowerinternational.com">www.organicpowerinternational.com</a>   | PCI Status in 2019<br>Grid connection to be secured from EIRRID in 2019<br>Transmission wayleaves to be secured in 2019   |  |

| TYNDP project number | Name of the project  | Country/ies | TYNDP detailed project sheet (including project description and outcomes of the Cost Benefit Analysis)  | Project website (as set by the promoter)  | Current phase of the project (information as submitted by the promoter for the PCI process)   | In your opinion, is a proposed project significantly contributing to market integration/sustainability/security of supply/competition and therefore needed from an EU energy policy perspective? |
|----------------------|--|-------------|---|---|---|--|
| 1001                 | Kaunertal Extension Project  | AT          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1001">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1001</a> | <a href="https://www.bwag.at/en/about-bwag/power-stations/expansion-of-hydropower/our-power-station-projects/the-kaunertal-expansion-project/">https://www.bwag.at/en/about-bwag/power-stations/expansion-of-hydropower/our-power-station-projects/the-kaunertal-expansion-project/</a> | In Permitting; Environmental Impact Assessment  |  |
| 1002                 | iLand  | BE          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1002">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1002</a> | <a href="https://www.iland-energy.com">https://www.iland-energy.com</a>   | Due to its multi-functional nature, iLand is progressing on several fronts at the same time:<br><ul style="list-style-type: none"> <li>Following the establishment of a roadmap in 2018, concrete projects are being identified and are starting to be implemented with regards to the aquaculture aspects of iLand. iLand is working in cooperation with the University of Gent on this aspect of the project.</li> <li>The feasibility study subsidized by the Belgian Energy Transition Fund was launched in October 2018 and its completion is expected by early 2020.</li> <li>Land plans to apply for CEF funding in one or more of the 2019 calls.</li> <li>Consultations are pending to enhance iLand's contribution to the environment, including finding solutions to mitigate the plastic pollution of the seas and oceans.</li> <li>The Federal Belgian Government (Secretary of State of the North Sea) is designing a new Maritime Spatial Plan for the 2020-2026 period. The planning began in 2017 and iLand's promoters have been heavily involved in the process through multiple interactions with the government. The final design is expected by mid 2019.</li> </ul> <p>The value 01/01/1900 is provided below exclusively to comply with the default format requirement, which is inappropriate for a project that is moving ahead on several fronts at the same time.</p> <p>After completing the procedure for approving the Detailed Site Development Plan NEK EAD will obtain water usage permission and will submit documents for issuing Construction Permits.</p> <p>Final milestone to be achieved: issued Construction Permit</p> |  |
| 1003                 | Hydro-pumped storage in Bulgaria - Yadenitsa   | BG          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1003">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1003</a> | <a href="http://www.nek.bg/yadenitsa">www.nek.bg/yadenitsa</a>  | Area Planning Approval  |  |
| 1004                 | Estonian PHES (pumped-hydro energy storage)  | EE          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1004">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1004</a> | <a href="http://www.energiatulev.ee">www.energiatulev.ee</a>  | Area Planning Approval  |  |
| 1006                 | HPS AMFILOCHIA   | GR          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1006">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1006</a> | <a href="http://hps-amfilochia.gr">hps-amfilochia.gr</a>  | The Hellenic Power Transmission Operator (HPTO) has suggested a minor modification, concerning the interconnection between the reversible units in the Powerhouse and the Ultra High Voltage Center. This change requires the update of the Environmental Study in that point. The HPTO issued the interconnection terms for the Project in July 2018. The remaining issues are related with all the provisions for land occupancy and constitute the prerequisites for the issuance of construction permit and the beginning of construction. <p>Currently two feasibility studies are being implemented:<br/> 1) Evaluation of the technical condition of the infrastructure and penstock site of the Kruonis HPSPP (deadline 15 March 2019);<br/> 2) Evaluation of suitability of different technological solutions for the extension of Kruonis HPSPP and the socioeconomic analysis of the Project (deadline 25 October 2019).<br/> It is estimated to complete both studies on time.</p>  |  |
| 1009                 | Kruonis pumped storage power plant extension project   | LT          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1009">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1009</a> | <a href="http://www.gamyba.lt/en/activities/projects/kruonis-pumped-storage-power-plant-expansion">http://www.gamyba.lt/en/activities/projects/kruonis-pumped-storage-power-plant-expansion</a>   | Waiting for the evaluation of the Environmental Impact Project Report   |  |
| 1011                 | "REVERSIBLE PUMPED-STORAGE HYDROELECTRIC EXPLOITATION "MONT-NEGRE" POWER 3,300 MW ZARAGOZA, SPAIN" | ES          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1011">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1011</a> | <a href="http://www.ingenieriapontificia.com">www.ingenieriapontificia.com</a>  | Permitting a Modified Environmental Project including a Power Line to SET Montearenas - June 2019   |  |
| 1012                 | Purifying - Pumped Hydroelectric Energy Storage (P-PHES Navaleo)                                   | ES          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1012">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1012</a> |   | Waiting for formal approval for this revised application is expected from the Scottish Government in April 2019. <p>Project scheduled to move into detailed refinement phase in March 2020</p>  |  |
| 1013                 | CAES Zuidwending, NL   | NL          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1013">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1013</a> | <a href="http://www.correnergystorage.com/">http://www.correnergystorage.com/</a>   | Project development Phase 2. This includes Project Commercialisation Phase 2, EIA and Permitting and Engineering Design of the CAES facility.   |  |
| 1014                 | Coire Glas   | UK          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1014">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1014</a> | <a href="http://jse.com/whatwedo/ourprojectsandassets/renewables/CoireGlas/">http://jse.com/whatwedo/ourprojectsandassets/renewables/CoireGlas/</a>   | 2 year Ornithology surveys to be completed by year end <p>Technical assessments to identify options for increasing the storage capacity of upper reservoir underway and to complete in November 2018.</p> <p>Camera trap surveys for wildcat and pine marten to be completed by year end.</p> <p>The project is currently focused on the permit granting process. The Environmental Impact Assessment procedure was initiated in July 2017 regarding the environmental authorisation. The scoping report was received in March 2018 after receiving by the promoter a scoping opinion to relevant stakeholders. Currently environmental impact studies are at the beginning. With respect to the water concession, water administrative file is officially "still being processed" despite the concession request was made in 2012. In addition, the technical services of the General Directorate of Water have indicated it is not possible to analyse circumstances of our file (e.g. we are PCI) until a previously initiated administrative file has been resolved. The General Directorate of Water cannot answer us when the resolution of the water concession will be, despite the fact that we have repeatedly asked.</p>   |  |
| 1015                 | Cruachan II  | UK          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1015">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1015</a> | <a href="https://www.scottishpowergeneration.com/our-projects/cruachan-2">https://www.scottishpowergeneration.com/our-projects/cruachan-2</a>   | Competitive tenders and supplier selection for:<br>- Planning and environmental<br>- TES design<br>- Geotechnical<br>- Public Relations<br>Validation of revenue streams by a third party<br>Continue filling the vacancies, though with the step of engaging them deferred until we have the funding (this delay is likely to result in some no longer being available when the time comes, but doing this work now will reduce the start-of-funded-project workload and speed the organisational ramp-up)<br>Finalise and sign a lease agreement with the land / geological rights owner <p>If we receive sufficient funding that has an appetite for grant risk, we will start, ahead of approval of the CEF grant, some or all of the following critical path activities:<br/> - TES design<br/> - Sufficient engineering for grid connection studies<br/> - Grid connection studies<br/> - Season-determined habitat and wildlife surveys<br/> - European roll-out study activities<br/> - Continuing to seek funding<br/> - Geotechnical work on the smaller plant<br/> - Recruitment to do the above</p>   |  |
| 1019                 | TWO REVERSIBLE HYDROELECTRIC PLANTS: GIRONES & RAIMATS IN SPAIN                                    | ES          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1019">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1019</a> | info not submitted  | Continue to seek funding to enable development work on this project <p>Water Monitoring &amp; Analysis (lower reservoir) - Baseline survey within the open-pit water body, at the pit wall, in the stream above and below the pit level and at the Knight Shaft (or its outfall). To include the analysis and measurement of the following parameters: Real-time water level sensors and suspended sediment load; Near, mid and far field chemical and physical water sampling throughout the study period; Moored optical sensors for long term turbidity measurements at multiple locations; VPS near real-time in situ trace element monitoring and profiling; meteorological station installed for the duration of the study period.</p> <p>Geotechnical Analysis &amp; Monitoring (lower reservoir) - Materials recovered by the underwater sampling vehicle to be selectively sampled and analysed based on material/rock type for the geotechnical parameters to include PSD analysis, Resistance to Fragmentation, LAA tests, water absorption, MSS tests, etc. Samples will undergo geological, chemical and petrographic testing. A geological examination of the samples is to be carried out to identify the presence or absence of calcareous mudstone / siltstone lithologies. The purpose of these tests will be to evaluate the chemical characteristics of the material and provide information in relation to the nature of the material.</p>   |  |
| 1022                 | CARES (Compressed Air Renewable Energy Storage)  | UK          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1022">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1022</a> | <a href="http://www.cares-pci.uk">www.cares-pci.uk</a>  | permission phase  |  |
| 1023                 | Cheshire Gas CAES  | UK          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1023">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1023</a> | To be set up when PCI status is granted   | Permitting the Declaration Environmental - December 2019  |  |
| 1025                 | Silvermines Hydroelectric Power Station  | IE          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1025">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1025</a> | <a href="http://silvermineshydro.com/">silvermineshydro.com/</a>  | Current phase of the project is the second phase of the EIA assessment in accordance with Slovenian regulations   |  |
| 1026                 | Hydro pumped storage Riedl   | DE          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1026">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1026</a> | <a href="https://www.verbund.com/en-at/about-verbund/power-plants/energiespeicher-riedl">https://www.verbund.com/en-at/about-verbund/power-plants/energiespeicher-riedl</a>   | PCI status  |  |
| 1027                 | P-PHES CUA   | ES          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1027">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1027</a> | info not submitted  |   |  |
| 1029                 | PSPK Kozjak  | SL          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1029">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1029</a> | <a href="http://www.dem.si/sl/s/Razvojne-moznosti/CH-Kozjak">http://www.dem.si/sl/s/Razvojne-moznosti/CH-Kozjak</a>   |   |  |
| 1030                 | MAREX Organic Power Energy Storage   | ES          | <a href="https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1030">https://tyndp.entsoe.eu/tyndp2018/projects/storage_projects/1030</a> | <a href="http://www.organicpowerinternational.com">www.organicpowerinternational.com</a>  |   |  |