|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **National Grid (NG)** | | | | |
| **Participation:** National Grid (NG) Emergency Response Team/Officer in Charge of Supply. NG has a wide range of duties relating to its downstream responsibilities, especially at Stage 3, but those associated with upstream are the focus here | | | | |
| **NEC Emergency Stage** | **Role & Expectations** | **DECC Alert Status** | | **Competencies** |
| **Pre-Declaration of Emergency By NEC**  In collaboration with JRT/UICG/TGLs, assess supply/ demand balance and availability of additional gas  Inform Network Emergency Coordinator if required | \*Monitor gas supply/demand and alert DECC to potential imbalances.  \*Lower the Gas Balancing Alert (GBA) Trigger Levels  \*Issue a Gas Balancing Alert (GBA)  \*Seek DECC consent for Gas Availability Status (GAS) Reports (Annex A) to be requested from terminal operators.  \*Review gas availability and respond to the DECC Duty Officer/UJRT on the supply/demand situation.  \*UJRT may request Situation Reports (SITREPS) (Annex B) be submitted by terminals to the relevant Terminal Group Leader (TGL), and for TGLs to send Aggregate SITREPS (Annex C) to UJRT and NG  \*THROUGHOUT THE INCIDENT: Officer in Charge of Supply reviews SITREPs and holds further teleconferences with the UJRT/TGLs to assess the implications for supply/demand balance.  \* Notify the Network Emergency Coordinator (NEC) of the situation and prepare an emergency strategy. THROUGHOUT THE INCIDENT: Notify ERT, UICG/TGLs of escalation or decrease in NEC Emergency Stage | **▼ WHITE ▼** | **BLACK** | \*Awareness of upstream crisis management arrangements as detailed in the Crisis Management Briefing Pack  \*Awareness of upstream industry structure  \*Capability to provide advice and assistance at a strategic level  \*Understand consequences of upstream events on energy supply  \*Awareness of downstream interactions with the downstream Incident Response Plan  \*Capability to implement downstream actions to mitigate an energy crisis |
| **Stage 1**  Seek additional gas under emergency gas specification | \* Implement the Stage 1 emergency arrangements as directed by the NEC.  \*Seek additional emergency specification gas.  \* Utilise available system gas including linepack.  \*Monitor the effects of mitigating action taken by the upstream and downstream industry.  \*On behalf of the NEC, review the emergency strategy to address any imbalance.) | **AMBER** | |
| **Stage 2**  Request shippers maximise beach gas storage. Implement emergency actions involving firm load shedding\* | \* Implement the Stage 2 emergency arrangements as directed by the NEC, including;  \*Suspend National Grid participation in On-the-day Commodity Market (OCM) commercial arrangements and normal gas market operations.  \*Request shippers maximise beach gas and storage.  \* Carry out irm load shedding, in consumer size order  \*Monitor the effects of mitigating action taken by the upstream and downstream industry. | **RED** | |
| **Stage 3**  Take mitigating action including allocation and isolation, | \* Implement the Stage 3 emergency arrangements as directed by the NEC, specifically;  \* Allocate available gas to the Gas Distribution Networks who will then isolate supplies as necessary.  \*Ensure DECC Upstream and Downstream JRTs are updated on the emergency actions. | **RED** | |
| **Stage 4**  Restoration of normal supply levels | \* When sufficient gas is available to meet all foreseeable demands then the NEC will direct the implementation of Stage 4 of the emergency arrangements.  \* This involves the progressive restoration of gas supplies and the re-establishment of the Unified Network Code commercial regime. | **▼ BLACK ▼** | **WHITE** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DECC Emergency Response Team (ERT)** | | | | |
| **Participation:** The DECC ERT consists of industry/sector related Joint Response Teams (JRTs) including upstream and downstream oil & gas plus a DECC Co-ordinating Group (DCG) during serious incidents. The ERT will also perform a downstream role, but the responsibilities of the Upstream Joint Response Team (UJRT) are the main focus here | | | | |
| **NEC Emergency Stage** | **Role & Expectations** | **DECC Alert Status** | | **Competencies** |
| **Pre-Declaration of Emergency By NEC**  Assess supply and demand position, mitigation options and availability of additional gas | \* Upstream Rota Sector Officer (RSO) in DECC approves National Grid request for Gas Availability Status (GAS) Report (Annex A)  \* Declare BLACK Alert Status (if not already at that level)  \*UJRT activated. Rest of ERT mobilised as appropriate  \*THROUGHOUT THE INCIDENT: Reassesses the situation in the light of new information received.  \*Activate the UICG by telephone/e-mail contact to UICG Representatives  \* THROUGHOUT THE INCIDENT: Request Situation Reports (SITREPS) (Annex B) be submitted to the relevant Terminal Group Leader (TGL), UJRT and NG; Request TGLs send Aggregate SITREPS (Annex C) to UJRT and NG  \* THROUGHOUT THE INCIDENT: Hold teleconferences throughout the incident with NG and TGLs to understand supply position and options for mitigation/ gas maximisation  \*THROUGHOUT THE INCIDENT: Notify TGLs of escalation or decrease in DECC Alert Status  \*THROUGHOUT THE INCIDENT: ERT briefs central government  \* THROUGHOUT THE INCIDENT: Contribute to information released through the media  \* THROUGHOUT THE INCIDENT: Determine whether and when to escalate or deescalate the DECC Alert Status, in conjunction with Stages of Emergency declared by the Network Emergency Co-ordinatior (NEC) | **▼ WHITE ▼** | **BLACK** | \*Awareness of upstream crisis management arrangements as detailed in the Crisis Management Briefing Pack  \*Awareness of upstream industry structure  \*Capability to provide advice and assistance at a strategic level  \*Understand consequences of upstream events on energy supply  \*Awareness of downstream interactions with the downstream Incident Response Plan  \*Capability to take decisions that can have a major impact on energy supply |
| **Stage 1**  Reassess position after production of Emergency Specification Gas | \* Declare AMBER Alert Status (if not already at that level  \*Consider the need for Directions under Orders in Council, and make appropriate preparation | **AMBER** | |
| **Stage 2**  Issue Directions if necessary for gas maximisation and/or Firm Load Shedding, and review effectiveness | \* Declare RED Alert Status (if not already at that level)  \*At NEC Emergency Stage 2, suspend National Grid Gas pls participation in “On-the-day Commodity Market” (OCM) commercial arrangements and normal gas market operations by an Order in Council under Energy Act 1976 powers  \* Prepare other Directions where necessary and issue through TGLs to terminal operators, field operators and field partners  \* Invoke other OIC as required | **RED** | |
| Stage 3  Review situation following allocation and isolation | \* Prepare further Directions where necessary and issue through TGLs to terminal operators, field operators and field partners  \* Invoke Orders in Council under Energy Act 1976 powers as required  \*Monitor the effectiveness of Downstream mitigation measures | **RED** | |
| **Stage 4**  Monitor and facilitate restoration of normal supply levels | \* Monitor the progress of action to return the system to normal  \* Deescalate DECC Alert Status as appropriate to WHITE  \* (If Invoked) Assess how long powers under Orders in Council will be required | **▼ BLACK ▼** | **WHITE** |
| **Upstream Industry Co-ordination Group (UICG) & Terminal Group Leaders (TGLs)** | | | | |
| **Participation:** UICG Representatives in 5 Terminal Groups as follows;  **BP:** Sullom Voe (BP), Seal Sands (ConocoPhillips), Dimlington / Easington (BP), Kinneil / Forties Pipeline System (BP), Teesside (BP, PX Ltd and GasPort LNG), Theddlethorpe (ConocoPhillips) , Wytch Farm (BP), Easington Rough and LRF (Centrica Storage), Flotta / Nigg (Talisman)  **Shell:** St Fergus (Shell), St Fergus (TOTAL), St Fergus (ExxonMobil), Bacton (Shell), Bacton (BBL), Bacton (ENI), Bacton (Perenco), Bacton Interconnector (IUK)  **Centrica:** Barrow /Morecambe (Centrica HRL), Point of Ayr (BHP Billiton) / Burton Point (E.On)  **GASSCO:** Langeled Imports  **National Grid LNG:** National Grid Grain LNG, South Hook LNG Milford Haven, Dragon LNG Milford Haven | | | | |
| **NEC Emergency Stage** | **Role & Expectations** | **DECC Alert Status** | | **Competencies** |
| **Pre-Declaration of Emergency By NEC**  Mobilise on UJRT request, provide situation reports and advise on mitigation/ gas maximisation | \*Terminals compile Gas Ability Status (GAS) Report (Annex A) following request from National Grid (NG) approved by DECC (at BLACK Alert Status, if not higher). Provide to NG and DECC  \*Upon UJRT activation of UICG, Terminal Group Leaders (TGLs) establish telephone and email communication with the UICG Representatives in their Terminal Group. TGLs will be the conduit for all subsequent communications between JRT and UICG  **\***THROUGHOUT THE INCIDENT: UICG Representatives gather information about oil and gas production from the offshore operators as well as their own terminal operations during emergencies.  \*THROUGHOUT THE INCIDENT: UICG Representatives liaise with their own terminals and producers and send Situation Reports/SITREPs (Annex B) to TGLs. Terminal Group Leaders submit Aggregate Situation Reports (Annex C) to JRT and NG  \*THROUGHOUT THE INCIDENT: TGLs teleconference with UJRT and NG to reassess the supply / demand position and determine the next steps | **▼ WHITE ▼** | **BLACK** | \*Awareness of upstream crisis management arrangements as detailed in the Crisis Management Briefing Pack  \*Awareness of own terminal operations and potential options to maximise gas production  \*Awareness of status of own terminal operations and potential risks to gas production  \*Awareness of downstream consequences of an incident on gas and electricity supplies  \*Awareness of fields linked to own terminals and field operators’ points of contact  \*Capability to quickly complete Situation Reports (Annex B) for own terminals  Additional competencies for Terminal Group Leaders:  \*Broad awareness of terminals within own terminal group  \*Capability to correctly interpret and prepare aggregate Situation Reports (Annex C) from terminals in own terminal group |
| **Stage 1**  Implement mitigation/ maximise gas where available | \*The normal gas market is expected to respond to the potential for a gas supply crisis.  \*Producers/terminal operators respond to shipper nominations for additional emergency specification gas, where available, as requested by NG. | **AMBER** | |
| **Stage 2**  Feedback to UJRT on effectiveness of gas maximisation and/or Firm Load Shedding. | \*National Grid Gas pls participation in “On-the-day Commodity Market” (OCM) commercial arrangements and normal gas market operations are suspended by Directions issued through DECC under an Order in Council and by suspension of Network Code commercial arrangements by the Network Emergency Co-ordinator .  \*Producers/terminal operators respond to Directions or shippers nominations to maximise gas production (beyond contractual maximum) | **RED** | |
| **Stage 3**  Feedback to ERT on effectiveness of mitigating action including allocation and isolation. | **\*** Continue to monitor the supply/demand situation in conjunction with DECC and National Grid.  \* Provide support to the Downstram JRT as necessary. | **RED** | |
| **Stage 4**  Restoration of normal supply levels | \* When gas supplies have been restored then the UIGC and TGLs may be stood down. | **▼ BLACK ▼** | **WHITE** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Emergency Coordinator (NEC)** | | | | |
| **Participation:**  The NEC is responsible for the implementation of the NEC Safety Case for the management of gas supply emergencies and authorises the declaration of all Stages of an emergency. | | | | |
| **NEC Emergency Stage** | **Role & Expectations** | **DECC Alert Status** | | **Competencies** |
| **Pre-Declaration of Emergency By NEC** | \* The NEC is notified of any situation where there is the potential for a gas supply emergency to develop and will request an emergency strategy to be prepared by National Grid. | **▼ WHITE ▼** | **BLACK** | \*The Network Emergency Co-ordinator (NEC) is an independent body, free from the commercial interests of industry participants.  \*The NEC is responsible under safety legislation for the coordination of shippers and transporters across the affected parts of the gas network to minimise the possibility of a gas supply emergency developing, and where one does develop, to minimise the safety consequences in accordance with the requirements of the Gas Safety (Management) Regulations 1996.  \*The NEC is responsible for declaring a Network Gas Supply Emergency and authorising the strategy proposed by National Grid NTS to resolve the emergency  \*NEC is also required to prepare a Safety Case demonstrating the arrangements that are in place and actions to be taken to prevent a gas supply emergency. The Safety Case must be submitted to the HSE for their approval |
| **Stage 1**  Declare potential emergency and invoke Stage 1 procedures  Review effectiveness | \* Assess the situation based on the National Grid emergency strategy and declare a Stage 1: "Potential Network Gas Supply Emergency"  \* Make an assessment of the gas supply and demand situation using all available information: | **AMBER** | |
| **Stage 2**  Invoke Stage 2 emergency mitigating action including gas maximisation and/or Firm Load Shedding, and suspend National Grid Gas pls participation in OCM commercial arrangements.  Review effectiveness | \* Assess the situation based on the National Grid emergency strategy and declare a Stage 2: (“Network Gas Supply Emergency”)  \* Make an assessment of the gas supply and demand situation using all available information.  \* For specific actions see National Grid section. | **RED** | |
| **Stage 3**  Invoke Stages 3 emergency response mitigating action including allocation and isolation, and review effectiveness | \* Assess the situation based on the National Grid emergency strategy and declare a Stage 3: (“Network Gas Supply Emergency”)  \* Make an assessment of the gas supply and demand situation using all available information.  \* For specific actions see National Grid section. | **RED** | |
| **Stage 4**  Declare end of Network Gas Supply Emergency | \*After the resolution of the Network Gas Supply Emergency, Stage 4 will be declared and actions to return the system to normal are implemented.  \* The NEC will formally stand down when all the normal Unified Network Code commercial regime has been re-established and supplies have been restored. | **▼ BLACK ▼** | **WHITE** |