

ΑΠΟΦΑΣΗ ΡΑΕ ΥΠ' ΑΡΙΘ. 818/2022

Έγκριση της Πρότασης Έργου Επαυξημένης Δυναμικότητας των Διαχειριστών TAP, SNAM και ΔΕΣΦΑ

Η Ρυθμιστική Αρχή Ενέργειας

Κατά την τακτική συνεδρίασή της, στην έδρα της, **στις 3 Νοεμβρίου 2022** και

Λαμβάνοντας υπόψη:

1. Τις διατάξεις του ν. 4001/2011 «Για τη λειτουργία Ενεργειακών Αγορών Ηλεκτρισμού και Φυσικού Αερίου, για Έρευνα, Παραγωγή και δίκτυα μεταφοράς Υδρογονανθράκων και άλλες ρυθμίσεις» (ΦΕΚ Α' 179, εφεξής ο «Νόμος»), όπως ισχύει, και ιδίως των άρθρων 16, 18-21, 61, 62 και 74-79 αυτού.
2. Τις διατάξεις της Οδηγίας 2009/73/ΕΚ του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου της 13ης Ιουλίου 2009 σχετικά με τους κοινούς κανόνες για την εσωτερική αγορά φυσικού αερίου και την κατάργηση της οδηγίας 2003/55/ΕΚ (εφεξής, η «Οδηγία»), και ιδίως των άρθρων 9, 32, 36 και 41 αυτής.
3. Τον Κανονισμό (ΕΚ) 715/2009 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου της 13ης Ιουλίου 2009 σχετικά με τους όρους πρόσβασης στα δίκτυα μεταφοράς φυσικού αερίου και για την κατάργηση του κανονισμού (ΕΚ) αριθμ. 1775/2005 (ΕΕ L 211/14.8.2009).
4. Τον Κανονισμό (ΕΕ) 459/2017 της Επιτροπής της 16ης Μαρτίου 2017 για τη θέσπιση κώδικα δικτύου σχετικά με μηχανισμούς κατανομής δυναμικότητας στα συστήματα μεταφοράς αερίου και για την κατάργηση του κανονισμού (ΕΕ) αριθμ. 984/2013 (ΕΕ L 72/17.03.2017, εφεξής, «Κανονισμός CAM»), και ιδίως του Κεφαλαίου V (άρθρα 22-31) αυτού.
5. Την υπ' αριθμ. 269/12.6.2013 Απόφαση της ΡΑΕ «Συμμόρφωση της ΡΑΕ κατά την παράγραφο 9 του άρθρου 36 της Οδηγίας 2009/73/ΕΚ με την από 16.05.2013 Απόφαση της Ευρωπαϊκής Επιτροπής υπ. αριθμ. C(2013)2949 final για την εξαίρεση του αγωγού TAP AG από τις διατάξεις των άρθρων 9, 32 και 41(6), (8) και (10) της Οδηγίας 2009/73/ΕΚ και τροποποίηση της υπ. αριθμ. 111/2013 απόφασης της ΡΑΕ» (ΦΕΚ Β' 1833/29.07.2013) με την οποία εγκρίθηκε το κείμενο με τίτλο «Final Joint Opinion of the Energy Regulators on

TAP AG's Exemption Application: Autorita per l'energia elettrica e il gas (Italy), Enti Rregullator I Energjise (Albania), Ρυθμιστική Αρχή Ενέργειας (Greece)» (εφεξής, η «Κοινή Απόφαση Εξαίρεσης» ή «FJO»).

6. Την από 6 Ιουνίου 2013 υπ' αριθμ. 249/2013/R/gas Απόφαση της Ιταλικής Ρυθμιστικής Αρχής (AEEG), την από 13 Ιουνίου 2013 υπ' αριθμ. 64 Απόφαση της Αλβανικής Ρυθμιστικής Αρχής Ενέργειας (ERE) και την από 25 Ιουνίου απόφαση του Ιταλικού Υπουργείου Οικονομικής Ανάπτυξης (Ministero dello Sviluppo Economico), με τις οποίες επίσης εγκρίθηκε η ως άνω υπό στοιχείο (5) αναφερόμενη Απόφαση Εξαίρεσης.
7. Την υπ' αριθμ. 131/2015 Απόφαση της ΡΑΕ με θέμα «Συμμόρφωση της ΡΑΕ κατά την παράγραφο 9 του άρθρου 36 της Οδηγίας 2009/73/ΕΚ με την από 17.03.2015 Απόφαση της Ευρωπαϊκής Επιτροπής υπ. αριθμ. C(2015)1852 final για την έγκριση του αιτήματος της εταιρείας TAP A.G. για την επέκταση της χρονικής διάρκειας της εξαίρεσης του αγωγού TRANS ADRIATIC PIPELINE (TAP) από τις διατάξεις των άρθρων 9, 32 και 41(6), (8) και (10) της Οδηγίας 2009/73/ΕΚ», με την οποία εγκρίθηκε το κείμενο με τίτλο «Energy Regulators' Joint Opinion on TAP AG's request for a prolongation of the validity period of the exemption decision», το οποίο προσαρτήθηκε στην εν λόγω Απόφαση και αποτελεί αναπόσπαστο τμήμα αυτής (εφεξής η «Απόφαση Εξαίρεσης από κοινού με το σχετικό5).
8. Την υπ' αριθμ. 531/2013 Απόφαση της ΡΑΕ (ΦΕΚ Β' 3003/26.11.2013) με θέμα «Έγκριση του Κανονισμού Τιμολόγησης της εταιρείας "TAP A.G." για τον αγωγό TAP», όπως τροποποιήθηκε με την Απόφαση 708/2018 και ισχύει, καθώς και τις αποφάσεις AEEGSI Deliberation 495/2013/R/gas, dated 6/11/2013, και ERE Decision n. 127 dated 7/11/2013 της Ιταλικής και Αλβανικής Ρυθμιστικής Αρχής αντίστοιχα, με τις οποίες εγκρίθηκε ο Κανονισμός Τιμολόγησης για τον αγωγό TAP.
9. Τις διατάξεις της υπ' αριθμ. Δ1/Α/5346/22.03.2010 απόφασης του Υφυπουργού Περιβάλλοντος Ενέργειας και Κλιματικής Αλλαγής με θέμα «Κώδικας Διαχείρισης του Εθνικού Συστήματος Φυσικού Αερίου» (ΦΕΚ Β' 379/01.04.2010, εφεξής «Κώδικας Διαχείρισης ΕΣΦΑ» ή ο «Κώδικας»), όπως τροποποιήθηκε με τις υπ' αριθμ. 1096/2011 (ΦΕΚ Β' 2227/04.10.2011), 526/2013 (ΦΕΚ Β' 3131/09.12.2013), 239/2017 (ΦΕΚ Β' 1549/05.05.2017 και ΦΕΚ Β' 2159/23.06.2017), 123/2018 (ΦΕΚ Β' 788/07.02.2018), 1005/2019 (ΦΕΚ Β' 4088/08.11.2019), 727/2020 (ΦΕΚ Β' 1684/04.05.2020), 1035/2020 (ΦΕΚ Β' 2840/13.07.2020), 1400/2020 (ΦΕΚ Β' 4585/16.10.2020), 1433/2020 (ΦΕΚ Β' 4799/30.10.2020 & ΦΕΚ Β' 5078/17.11.2020), 735/2021 (ΦΕΚ Β' 4687/11.10.2021), 1060/2021 (ΦΕΚ Β' 37/10.01.2022), 586/2022 (ΦΕΚ Β' 3823/21.07.2022), 590/2022 (ΦΕΚ Β' 4270/11.08.2022), 645/2022 (ΦΕΚ Β' 4269/11.08.2022), 748/2022 (ΦΕΚ Β' 5176/5.10.2022), και 771/2022 (υπό δημοσίευση σε ΦΕΚ) Αποφάσεις της ΡΑΕ.
10. Την υπ' αριθμ. 517/2021 Απόφαση της ΡΑΕ με θέμα «Έγκριση Κατευθυντήριων Γραμμών για την Πρόσκληση Εκδήλωσης Ενδιαφέροντος έτους 2021 για την επαύξηση δυναμικότητας του αγωγού Trans-Adriatic Pipeline (TAP)», καθώς και τις αποφάσεις ARERA Deliberation 273/2021/R/gas, dated 28/06/2021 και ERE Decision n. 151 dated 29/06/2021 της Ιταλικής και Αλβανικής Ρυθμιστικής Αρχής αντίστοιχα, με τις οποίες εγκρίθηκαν οι κατευθυντήριες γραμμές για την εκδήλωση ενδιαφέροντος για την επαύξηση δυναμικότητας του αγωγού TAP.
11. Την έκθεση εκτίμησης ζήτησης της αγοράς για την επαυξημένη δυναμικότητα του αγωγού TAP, η οποία διαμορφώθηκε από κοινού από τους Διαχειριστές TAP, SNAM και ΔΕΣΦΑ και

αναρτήθηκε στις ιστοσελίδες τους στις 25.10.2021 με τίτλο «Demand assessment report for incremental capacity between Trans Adriatic Pipeline, Snam Rete Gas and DESFA».

12. Την από 31.10.2022 επιστολή της εταιρείας TAP AG, από κοινού με την SRG και τη ΔΕΣΦΑ, προς τις Ρυθμιστικές Αρχές Ελλάδας, Αλβανίας και Ιταλίας με θέμα «Submission of Project Proposal for NRAs' approval» (αριθμ. πρωτ. ΠΑΕ I-339561/31.10.2022)
13. Το γεγονός ότι από την παρούσα απόφαση δεν προκαλείται επιβάρυνση στον κρατικό προϋπολογισμό.

Σκέφτηκε ως εξής:

Επειδή, με τις αποφάσεις των σχετικών 5 και 7 χορηγήθηκε στην εταιρεία TAP AG (εφεξής, η «Εταιρεία»), σύμφωνα με τις διατάξεις του άρθρου 36 της Οδηγίας 2009/73/ΕΚ, εξαίρεση από την εφαρμογή των διατάξεων των άρθρων 9, 32 και 41(6), (8) και (10) της εν λόγω Οδηγίας για τον αγωγό Trans Adriatic Pipeline (TAP) και για χρονικό διάστημα είκοσι πέντε (25) ετών από την έναρξη εμπορικής λειτουργίας του αγωγού. Συγκεκριμένα, χορηγήθηκε εξαίρεση από:

- τις διατάξεις του άρθρου 9 περί ιδιοκτησιακού διαχωρισμού
- τις διατάξεις του άρθρου 32 περί πρόσβασης τρίτων μόνο για την αρχική δυναμικότητα του αγωγού TAP (Initial Capacity) ύψους 10 δις m³/έτος (bcma) και μόνο για την κατεύθυνση φυσικής ροής
- τις διατάξεις του άρθρου 41 παρ. (6), (8) και (10) περί ρύθμισης τιμολογίων για το σύνολο της δυναμικότητας του αγωγού.

Αντίθετα, δεν χορηγήθηκε η αιτηθείσα εξαίρεση για τα ακόλουθα:

- για το σύνολο της δυναμικότητας (αρχική και πιθανή επέκταση), από το άρθρο 41 (6), (8) και (10) της Οδηγίας περί ρύθμισης τιμολογίων, για την περίπτωση της εμπορικής ανάστροφης ροής (commercial reverse flow)
- από τις διατάξεις του Κανονισμού (ΕΚ) 715/2009.

Επειδή, με την Απόφαση Εξαίρεσης οι αρμόδιες Ρυθμιστικές Αρχές Ελλάδας (ΠΑΕ), Αλβανίας (ERE) και Ιταλίας (ARERA), έθεσαν επιπλέον όρους στην Εταιρεία, όπως η υποχρέωση αύξησης της μεταφορικής ικανότητας του αγωγού σε 20 δις m³/έτος (bcma) μέσω μηχανισμών αγοράς, και σύμφωνα με τις βέλτιστες πρακτικές της Ευρωπαϊκής Ένωσης, εάν υπάρχει ζήτηση και η επέκταση κριθεί οικονομικά αποδοτική. Συγκεκριμένα, στα σημεία 7-9 της παραγράφου 4.1 της Απόφασης Εξαίρεσης αναφέρεται:

«7. Obligation to perform subsequent market tests – TAP AG is obliged to perform other Market Tests on a regular basis starting from no later than the Commercial Operations Date and, subsequently, at least every two years. TAP AG will perform the Market Tests, under guidelines to be approved by the Authorities, with the view to offer to all interested parties additional available capacity up to the Total Capacity.

8. Obligation to build Expansion Capacity – In order to fulfill the binding capacity requests resulting from each market test described in point 7, TAP AG will extend the capacity of the

pipeline. TAP AG is obliged to build additional capacity, above the Initial Capacity, in order to accommodate the binding capacity requests resulting from each market test taking into account the provisions of points 2, 6 and 9 of §4.7. TAP AG shall enter into a binding agreement to have the requested capacity constructed no later than 2 months following the closing date of the market test. If TAP AG considers that, in spite of such binding capacity requests, a pipeline expansion is not economically viable, TAP AG is obliged to demonstrate this situation to the Authorities within one month following the closing date of the market test. If so requested by the Authorities, TAP will provide the opinion of a third, independent party. In case such an opinion is requested by the Authorities, the one month deadline is extended by two months. The Authorities will decide upon the economic viability of a pipeline expansion within one month after receipt of TAP AG's submission or receipt of the opinion from an independent third party, as the case may be. TAP AG shall enter into a binding agreement to have the Expansion Capacity constructed no later than 2 months after the Authorities have deemed its construction economically viable. The expansion is economically viable if the incremental revenues from capacity resulting from each market test is equal or larger than the efficient increment costs, quantified according to the TAP methodology as laid down in the TAP Tariff Code. To the extent that (in accordance with Article 4 of the present Decision) the Tap Tariff Code will remunerate TAP AG differently for Initial Capacity and Expansion Capacity, proper account will be taken in the TAP Tariff Code to ensure that the test for deciding whether construction of the Expansion Capacity is economically viable is unaffected.

9. Possibility to further expand capacity – Expansion beyond the Total Capacity, i.e. beyond 20 bcm/year, shall be investigated by TAP AG and if economically and technically feasible, it will be undertaken, with a view to fulfill all requests for long-term capacity (long-term means here a duration of more than 15 years).».

Επειδή, οι Ρυθμιστικές Αρχές, κατόπιν συνεργασίας μεταξύ τους και με την Εταιρεία, ενέκριναν τις Κατευθυντήριες Γραμμές για τη διεξαγωγή της πρώτης φάσης του Market Test του 2021 (σχετικό 10), οι οποίες δεν διαφοροποιούνται από τις Κατευθυντήριες Γραμμές του Market Test του 2019, και εξασφαλίζουν την κατά το δυνατόν εφαρμογή του Κανονισμού CAM, στο βαθμό που δεν αντιβαίνει στην Απόφαση Εξαίρεσης.

Επειδή, σύμφωνα με την Απόφαση των Ρυθμιστών (σχετικό 10):

- Η διαδικασία επαύξησης δυναμικότητας αφορά τόσο στην αύξηση της δυναμικότητας του αγωγού εν γένει (μέσω της εγκατάστασης συμπιεστών), όσο και στην επαύξηση δυναμικότητας στα υφιστάμενα ή προγραμματισμένα σημεία εισόδου και στη δημιουργία νέων σημείων εισόδου ή/και εξόδου στον αγωγό.
- Είναι απαραίτητη η στενή συνεργασία της Εταιρείας με τους γειτονικούς Διαχειριστές (SRG και ΔΕΣΦΑ), στο βαθμό που τους αφορά, κατά τα προβλεπόμενα στον Κανονισμό CAM.
- Η διαδικασία που θα ακολουθηθεί είναι αυτή που προβλέπεται στον Κανονισμό CAM, ήτοι υποβολή μη δεσμευτικών αιτημάτων (Demand Indications) – Εκπόνηση έκθεσης εκτίμησης ζήτησης της αγοράς (Demand Assessment Report) – Δημόσια διαβούλευση

πρότασης έργου επαυξημένης δυναμικότητας – Δημοπράτηση επαυξημένης δυναμικότητας (Δεσμευτικά αιτήματα) – Διεξαγωγή οικονομικής δοκιμής (Economic Viability Test) – Απόφαση υλοποίησης έργου επαυξημένης δυναμικότητας.

- Η συμμετοχή στο μη δεσμευτικό στάδιο δεν αποτελεί προϋπόθεση για τη συμμετοχή στο δεσμευτικό στάδιο προσφορών.
- Για τον TAP θα διενεργηθεί οικονομικό τεστ, ακολουθώντας τις διατάξεις του άρθρου 3.3 του Κανονισμού Τιμολόγησης της Εταιρείας για τον αγωγό TAP (σχετικό 8), με κριτήριο τη μη αύξηση των υφιστάμενων τιμολογίων του αγωγού, και όχι αυτό που προβλέπεται στον Κανονισμό CAM, το οποίο αντιβαίνει τις προβλέψεις της Απόφασης Εξαίρεσης. Οι Διαχειριστές των γειτονικών Συστημάτων Μεταφοράς που δεν τελούν υπό καθεστώς εξαίρεσης, θα διενεργήσουν το οικονομικό τεστ του Κανονισμού CAM.

Επειδή, τον Ιούλιο του 2021 πραγματοποιήθηκε η πρώτη φάση της διαδικασίας επαύξησης δυναμικότητας με την υποβολή μη δεσμευτικών αιτημάτων. Ειδικότερα, για το σημείο διασύνδεσης του αγωγού TAP με το Εθνικό Σύστημα Φυσικού Αερίου στη Νέα Μεσημβρία υποβλήθηκαν αιτήματα για δυναμικότητα με ροή από το ΕΣΦΑ προς τον αγωγό TAP ίση με 15.000 MWh ανά ημέρα για την περίοδο 2021-2023 και δυναμικότητα προς την ίδια κατεύθυνση ίση με 30.000 MWh ανά ημέρα για την περίοδο 2023-2031.

Επειδή, ο ΔΕΣΦΑ, παρά την έλλειψη ενδιαφέροντος κατά την υποβολή μη δεσμευτικών αιτημάτων, κρίνει σκόπιμο να συμπεριλάβει επίπεδα προσφοράς στην κατεύθυνση από τον αγωγό TAP προς το ΕΣΦΑ στη Νέα Μεσημβρία, με σκοπό να καλύψει την πιθανότητα εκδήλωσης ενδιαφέροντος για δυναμικότητα εισόδου στο ανωτέρω σημείο διασύνδεσης σε μεταγενέστερο χρόνο.

Επειδή, σύμφωνα με τον Κανονισμό CAM, αμέσως μετά την υποβολή των μη δεσμευτικών αιτημάτων, οι τρεις Διαχειριστές (TAP, SRG και ΔΕΣΦΑ) συνέταξαν την Έκθεση Εκτίμησης Ζήτησης της Αγοράς, η οποία δημοσιεύτηκε τον Οκτώβριο του 2021 (σχετικό 11) και ανέδειξε την ανάγκη έναρξης έργου επαυξημένης δυναμικότητας.

Επειδή, τον Ιανουάριο του 2022 οι τρεις Διαχειριστές, ακολουθώντας τις διατάξεις και τις προβλεπόμενες προθεσμίες του Κανονισμού CAM, διεξήγαγαν από κοινού δημόσια διαβούλευση επί του σχεδίου πρότασης του έργου επαυξημένης δυναμικότητας που είχαν μέχρι τότε διαμορφώσει, με στόχο να ικανοποιήσουν τα μη δεσμευτικά αιτήματα που είχαν υποβληθεί στην πρώτη φάση του market test, η οποία διήρκησε δύο μήνες (18.01.2022-18.03.2022).

Επειδή, στις 31 Οκτωβρίου του 2022 με το σχετικό 12 οι τρεις Διαχειριστές, μετά τη διαβούλευση και την ολοκλήρωση της φάσης του σχεδιασμού για έργο επαυξημένης δυναμικότητας σύμφωνα με το άρθρο 27 του Κανονισμού CAM υπέβαλαν προς έγκριση στις Ρυθμιστικές Αρχές Ελλάδας, Αλβανίας και Ιταλίας, την κοινή πρότασή τους για το έργο επαυξημένης δυναμικότητας σύμφωνα με τις διατάξεις του άρθρου 28 του Κανονισμού.

Επειδή, η πρόταση των Διαχειριστών περιλαμβάνει τα προβλεπόμενα στην παράγραφο 3 του

άρθρου 27 και στην παράγραφο 1 του άρθρου 28 του Κανονισμού CAM , ήτοι τα ακόλουθα:

- Περιγραφή του έργου επαυξημένης δυναμικότητας συμπεριλαμβανομένης εκτίμησης του κόστους του έργου που απαιτείται.
- Επίπεδα προσφοράς για τα προϊόντα δεσμοποιημένης δυναμικότητας στα σημεία διασύνδεσης.
- Αιτιολόγηση για την επιλογή εναλλακτικού μηχανισμού κατανομής των διαχειριστών συστημάτων μεταφοράς
- Προσωρινά χρονοδιαγράμματα του έργου επαυξημένης δυναμικότητας
- Γενικούς κανόνες και όρους για τη συμμετοχή στο δεσμευτικό στάδιο κατανομής δυναμικότητας (binding phase), συμπεριλαμβανομένων εγγυήσεων, διαδικασίας αντιμετώπισης ενδεχομένων καθυστερήσεων στην παροχή της δυναμικότητας και προβλέψεις για την περίπτωση διακοπής του έργου.
- Παράγοντα f για συγκεκριμένο επίπεδο προσφοράς σύμφωνα με το άρθρο 23 του Κανονισμού.

Επειδή, με βάση τα σχόλια της δημόσιας διαβούλευσης, καθώς και τις πρόσφατες εξελίξεις στην αγορά, οι τρεις Διαχειριστές δηλώνουν την πρόθεσή τους να προχωρήσουν και σε μία δεύτερη δεσμευτική φάση σε μεταγενέστερο χρονικό στάδιο, με στόχο την ολοκλήρωση της κατανομής του συνόλου των επιπέδων προσφοράς. Σε περίπτωση υλοποίησης αυτής της πρόθεσης, οι Διαχειριστές θα συντάξουν επικαιροποιημένη πρόταση έργου επαύξησης δυναμικότητας, την οποία θα υποβάλουν προς έγκριση στις Ρυθμιστικές Αρχές εντός του πρώτου εξαμήνου του 2023, με το ενδεχόμενο διεξαγωγής δημόσιας διαβούλευσης, εφόσον υπάρχουν σημαντικές αλλαγές.

Επειδή, ο TAP σκοπεύει να προσφέρει στους Συμμετέχοντες τη δυνατότητα παράτασης της διάρκειας της δεσμευμένης δυναμικότητάς τους. Οι Συμμετέχοντες θα έχουν το δικαίωμα να δηλώσουν την νέα ημερομηνία λήξης της δέσμευσης έως και 2 μήνες πριν την ημερομηνία έναρξης λειτουργίας (Commercial Operations Date - COD). Σε πρώτο στάδιο, δύνανται να δηλώσουν παράταση έως και την ημερομηνία λήξης της εξαίρεσης του TAP, ήτοι την 14^η Νοεμβρίου 2045. Σε περίπτωση εκκίνησης νέας διαδικασίας επαύξησης δυναμικότητας, εάν δηλωθεί ενδιαφέρον για την εν λόγω δυναμικότητα από έτερο Συμμετέχοντα, ο TAP δύναται να ενημερώσει τον Συμμετέχοντα με τη δυνατότητα παράτασης, ότι η απώτατη ημερομηνία παράτασης μεταφέρεται σε πρότερο χρόνο, ούτως ώστε ο TAP να μπορεί να καταλείψει τη δυναμικότητα στον έτερο Συμμετέχοντα. Η δυνατότητα παράτασης προσφέρεται μόνο από τον TAP, και όχι από τους άλλους δύο Διαχειριστές (SNAM και ΔΕΣΦΑ). Ως αποτέλεσμα, και προς αποφυγήν ύπαρξης μη δεσμοποιημένης δυναμικότητας, ο Συμμετέχων οφείλει να δεσμεύσει την αντίστοιχη δυναμικότητα στο γειτονικό Σύστημα Μεταφοράς, ειδάλλως η δυνατότητα παράτασης χάνει την ισχύ της.

Επειδή, λαμβάνοντας υπόψη τα μη δεσμευτικά αιτήματα που υποβλήθηκαν στην πρώτη φάση της διαδικασίας, οι Διαχειριστές προσδιόρισαν, ανά σημείο διασύνδεσης, τα ακόλουθα εναλλακτικά επίπεδα επαύξησης δυναμικότητας ανά σημείο διασύνδεσης:

Κήποι:

	Επίπεδο Προσφοράς 1	Επίπεδο Προσφοράς 2	Επίπεδο Προσφοράς 3	Επίπεδο Προσφοράς 4	Προσφέρων Διαχειριστής	
					Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025	Q4 - 2026	Q4 - 2027	Q4 - 2027		
Δυναμικότητα (kWh/ημέρα)	32.829.131	80.571.207	145.631.271	231.954.059	-	TAP

Νέα Μεσημβρία (από ΔΕΣΦΑ προς TAP):

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025		
Δυναμικότητα (kWh/ημέρα)	30.000.000	ΔΕΣΦΑ	TAP

Νέα Μεσήμβρια (από TAP προς ΔΕΣΦΑ):

	Επίπεδο Προσφοράς 1	Επίπεδο Προσφοράς 2	Προσφέρων Διαχειριστής	
			Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q1 - 2027	Q3 - 2027		
Δυναμικότητα (kWh/ημέρα)	26.000.000	49.000.000	TAP	ΔΕΣΦΑ

Κομοτηνή:

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025		
Δυναμικότητα (kWh/ημέρα)	30.000.000	TAP	-

Κυκονε:

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025		
Δυναμικότητα (kWh/ημέρα)	7.500.000	TAP	-

Relievi Roskovec:

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025	TAP	-
Δυναμικότητα (kWh/ημέρα)	7.500.000		

Fier (από TAP):

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025	TAP	-
Δυναμικότητα (kWh/ημέρα)	7.500.000		

Fier (προς TAP):

	Επίπεδο Προσφοράς 1	Προσφέρων Διαχειριστής	
		Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025	-	TAP
Δυναμικότητα (kWh/ημέρα)	44.900.000		

Melendugno:

	Επίπεδο Προσφοράς 1	Επίπεδο Προσφοράς 2	Επίπεδο Προσφοράς 3	Προσφέρων Διαχειριστής	
				Έξοδος	Είσοδος
Ημ/νία Έναρξης	Q4 - 2025	Q4 - 2026	Q4 -2027	TAP	SRG
Δυναμικότητα (kWh/ημέρα)	32.829.131	80.571.207	145.631.271		

Επειδή, ο TAP διατηρεί το δικαίωμα να προσφέρει δυναμικότητα σταδιακά, εφόσον κάτι τέτοιο επιτρέπει στον TAP να προσφέρει τμήμα της αιτηθείσας δυναμικότητας στους Συμμετέχοντες σε πρωθύστερο χρόνο. Με αυτήν την προσέγγιση οι Συμμετέχοντες θα έχουν στην διάθεσή τους τμήμα της δυναμικότητας που αιτήθηκαν, προτού ολοκληρωθεί το έργο.

Επειδή, για να καταστεί διαθέσιμη η δυναμικότητα εξόδου από το ΕΣΦΑ προς τον TAP στο σημείο διασύνδεσης της Νέας Μεσημβρίας, δεν απαιτούνται νέες επενδύσεις πέραν των ήδη ενταγμένων στο τρέχον εγκεκριμένο Πρόγραμμα Ανάπτυξης του ΕΣΦΑ, ήτοι της νέας μονάδας συμπίεσης στην Αμπελιά και του booster συμπιεστή στη Νέα Μεσημβρία.

Επειδή, οι επενδύσεις που είναι αναγκαίες για να καταστεί διαθέσιμη η δυναμικότητα εισόδου στο ΕΣΦΑ στη Νέα Μεσημβρία, πέρα από τις ήδη ενταγμένες στο τρέχον εγκεκριμένο Πρόγραμμα Ανάπτυξης του ΕΣΦΑ (μονάδα συμπίεσης στην Αμπελιά και αναβάθμιση συμπίεστη στη Νέα Μεσημβρία), περιλαμβάνουν ανά επίπεδο προσφοράς:

- Επίπεδο προσφοράς 1:
 - Νέο αγωγό διαμέτρου 30 ιντσών και μήκους 38 χιλιομέτρων από την Αμπελιά προς τη Λαμία, παράλληλα με τον ήδη υπάρχοντα αγωγό του ΕΣΦΑ,
 - Νέο συμπίεστη δυναμικότητας 12 MW στον Πλαταμώνα
- Επίπεδο προσφοράς 2:
 - Νέο αγωγό διαμέτρου 30 ιντσών και μήκους 92 χιλιομέτρων από την Λάρισα προς τον Σπερχειό, παράλληλα με τον ήδη υπάρχοντα αγωγό του ΕΣΦΑ,
 - Νέο συμπίεστη δυναμικότητα 18 MW στο Λιτόχωρο

Επειδή, το συνολικό κόστος των προαναφερθέντων έργων εκτιμάται, από τον ΔΕΣΦΑ, σε 108 εκ. € και 189 εκ. € για τα επίπεδα προσφοράς 1 και 2 αντίστοιχα, ενώ ο χρόνος που απαιτείται για την ολοκλήρωση των έργων, σύμφωνα με τις προκαταρκτικές τεχνικές μελέτες του Διαχειριστή, υπολογίζεται περίπου σε τέσσερα χρόνια και τοποθετείται στο πρώτο τρίμηνο του 2027 για το επίπεδο προσφοράς 1 και στο τρίτο τρίμηνο του 2027 για το επίπεδο προσφοράς 2.

Επειδή, το εκτιμώμενο κόστος των έργων που θα πρέπει να εκτελέσουν οι τρεις Διαχειριστές προκειμένου να καλύψουν το ενδιαφέρον που εκδηλώθηκε στο αρχικό στάδιο του market test, είναι ιδιαίτερα υψηλό και παρουσιάζεται, ανά επίπεδο προσφοράς, στον ακόλουθο πίνακα:

Διαχειριστής	Επίπεδο Προσφοράς 1	Επίπεδο Προσφοράς 2	Επίπεδο Προσφοράς 3	Επίπεδο Προσφοράς 4
TAP	132 Μ€	469 Μ€	896 Μ€	1267 Μ€
SRG	-	-	-	-
ΔΕΣΦΑ	108 Μ€	189 Μ€	-	-

Επειδή, το έργο επαυξημένης δυναμικότητας περιλαμβάνει περισσότερα από δύο συστήματα εισόδου – εξόδου στην Ευρωπαϊκή Ένωση, ήτοι τον αγωγό TAP, το Ιταλικό σύστημα φυσικού αερίου και το Εθνικό Σύστημα Φυσικού Αερίου. Τα μη δεσμευτικά αιτήματα της πρώτης φάσης αφορούσαν σε πρόθεση δέσμευσης δυναμικότητας στα ακόλουθα σημεία: Κήποι, Νέα Μεσημβρία, Kucove, Relievi Roskoncs, Fier και Melendugno, και για χρονικό διάστημα μεγαλύτερο του έτους, με πιο συνηθισμένη διάρκεια αυτή των 10 ετών.

Επειδή, σύμφωνα με τα παραπάνω πληρούνται οι προϋποθέσεις που τίθενται στην παράγραφο 2 του άρθρου 30 του Κανονισμού CAM, για την εφαρμογή Εναλλακτικού Μηχανισμού Κατανομής δυναμικότητας.

Επειδή, λαμβάνοντας υπόψιν το ιδιάζον ρυθμιστικό πλαίσιο του αγωγού TAP (σχετικά 5, 6 και 7) και τα ιδιαίτερα υψηλά κόστη των απαιτούμενων επενδύσεων, προκειμένου να αυξηθεί η πιθανότητα θετικής έκβασης των οικονομικών δοκιμών που θα εφαρμοστούν στις δύο πλευρές κάθε σημείου διασύνδεσης, κρίνεται εύλογη η πρόταση των Διαχειριστών για την εφαρμογή Εναλλακτικού Μηχανισμού Κατανομής δυναμικότητας, σύμφωνα με το άρθρο 30 του Κανονισμού CAM, επεκτείνοντας τα προσφερόμενα προϊόντα δυναμικότητας έως ορίζοντα 20 ετών.

Επειδή, οι δεσμευτικές προσφορές των συμμετεχόντων θα συνδέουν δεσμεύσεις σε ένα σημείο διασύνδεσης με δεσμεύσεις σε άλλα σημεία διασύνδεσης και δεσμεύσεις σε πλήθος διαφορετικών ετησίων τυποποιημένων προϊόντων δυναμικότητας, σύμφωνα με την παράγραφο 3 του άρθρου 30 του Κανονισμού CAM. Επομένως, προκειμένου να αυξηθεί η πιθανότητα υλοποίησης του έργου επαύξησης, κρίνεται σκόπιμη η παροχή προτεραιότητας σε δεσμεύσεις δυναμικότητας διάρκειας κατ' ελάχιστον τριών συνεχόμενων ετών και η σύνδεση δεσμεύσεων σε περισσότερα του ενός σημεία διασύνδεσης, σύμφωνα με την παράγραφο 4 του άρθρου 30 του Κανονισμού CAM.

Επειδή, στην πρόταση των Διαχειριστών περιλαμβάνονται οι κανόνες και οι όροι για τη συμμετοχή στη δεσμευτική φάση της διαδικασίας επαύξησης δυναμικότητας και επιπλέον οι εγγυήσεις που απαιτούνται για τη συμμετοχή, η διαδικασία επιστροφής τους σε περίπτωση αρνητικής οικονομικής δοκιμής ή μη κατανομής δυναμικότητας, η διαδικασία που θα ακολουθηθεί σε περίπτωση θετικής οικονομικής δοκιμής (υπογραφή σύμβασης μεταφοράς και πρόσθετες εγγυήσεις), καθώς και η περίπτωση που δεν τεθεί σε ισχύ κάποια σύμβαση μεταφοράς.

Επειδή, το ύψος των εγγυήσεων για τη συμμετοχή στη δεσμευτική φάση που ζητείται από τον ΔΕΣΦΑ είναι ίσο με το 20% της χρέωσης που προκύπτει για τη μέγιστη αιτηθείσα ετήσια δυναμικότητα κάθε συμμετέχοντα με βάση την εκτίμηση του Διαχειριστή για τα τιμολόγια χρήσης του ΕΣΦΑ.

Επειδή, το εκτιμώμενο ύψος της επένδυσης που θα πρέπει να υλοποιηθεί από τον Διαχειριστή του ΕΣΦΑ είναι υψηλό (108 εκ. € και 189 εκ. € για τα επίπεδα προσφοράς 1 και 2 αντίστοιχα), προκειμένου να διασφαλιστεί η δέσμευση των συμμετεχόντων στην διαδικασία κρίνεται εύλογη η παροχή εγγυητικής επιστολής ίσης με το 20% της μέγιστης ετήσιας δυναμικότητας, όπως ισχύει και για τις περιπτώσεις προϊόντων δυναμικότητας ετήσιας διάρκειας στα Σημεία Εισόδου του ΕΣΦΑ (Κώδικας Διαχείρισης ΕΣΦΑ άρθρα 21^Η παρ. 2Α και 21^Ι παρ. 3Α).

Επειδή, για τον ίδιο λόγο, οι εγγυητικές επιστολές που αφορούν τη διαδικασία της επαύξησης δυναμικότητας (συμμετοχή στη δεσμευτική φάση της διαδικασίας και εγγυήσεις σύμβασης μεταφοράς) θα πρέπει να εκδίδονται από ελληνικό χρηματοπιστωτικό ίδρυμα εποπτευόμενο από την Ευρωπαϊκή Κεντρική Τράπεζα (συστημικές τράπεζες) ή οποιοδήποτε ελληνικό υποκατάστημα διεθνούς φήμης τράπεζας – ή οποιασδήποτε διεθνούς φήμης τράπεζας – με ελάχιστη αξιολόγηση πιστοληπτικής ικανότητας A- από την Standard and Poor's ή A3 από την Moody's, το οποίο έχει εγκριθεί εκ των προτέρων από τον ΔΕΣΦΑ.

Επειδή, το έργο επαυξημένης δυναμικότητας που αφορά στο Εθνικό Σύστημα Φυσικού Αερίου,

ήτοι: α) ο νέος αγωγός 30 ιντσών από την Αμπελιά στη Λαμία και ο νέος συμπιεστής στον Πλαταμώνα στην περίπτωση του επιπέδου προσφοράς 1, ή β) ο νέος αγωγός 30 ιντσών από την Λάρισα στον Σπερχειό και ο νέος συμπιεστής στο Λιτόχωρο στην περίπτωση του επιπέδου προσφοράς 2, αναμένεται να λειτουργήσει θετικά για το σύστημα καθώς:

- θα προσφέρει μεγαλύτερη ευελιξία στη λειτουργία του συστήματος (διαχείριση πιέσεων και αύξηση αποθεμάτων αγωγού),
- θα συμβάλει στην ασφάλεια εφοδιασμού με την αισθητή βελτίωση του Κανόνα N-1, καθώς η Νέα Μεσημβρία θα αναδειχθεί ως το Σημείο Εισόδου με τη μεγαλύτερη δυναμικότητα και η δυναμικότητα της Αγίας Τριάδας θα προσμετρηθεί στον υπολογισμό του Κανόνα N-1,
- θα ευνοήσει την είσοδο φυσικού αερίου από την Ιταλία με τη χρήση της εμπορικής ανάστροφης ροής, γεγονός που θα προσφέρει διαφοροποίηση των πηγών προμήθειας και αναμένεται να οδηγήσει σε συμπίεση των τιμών προμήθειας φυσικού αερίου,
- θα συμβάλει στην επίτευξη του στόχου της κλιματικής ουδετερότητας που αποτελεί στρατηγική της Ευρωπαϊκής Επιτροπής καθώς θεωρείται δεδομένο ότι η νέα αυτή επένδυση σε υποδομή φυσικού αερίου θα υποστηρίζει τη μεταφορά υδρογόνου ή/και βιοαερίων.

Επειδή, με βάση τα παραπάνω το έργο επαυξημένης δυναμικότητας αναμένεται να αποφέρει σημαντικά οφέλη στην αγορά φυσικού αερίου και στο σύστημα μεταφοράς, η Αρχή κρίνει εύλογο όπως ο παράγοντας f , κατά το άρθρο 23 του Κανονισμού CAM, λάβει την τιμή 0,75.

Επειδή, κάθε έγκριση ή εν γένει πράξη που απορρέει από την Απόφαση Εξαίρεσης αποτελεί κοινή απόφαση των τριών Ρυθμιστικών Αρχών Ιταλίας, Αλβανίας και Ελλάδας, σύμφωνα με την παράγραφο 4.8.1 της Απόφασης Εξαίρεσης: «Where the present opinion foresees an action by the Authorities, for the purpose of the implementation of such an action, the Authorities shall endeavor all efforts to act jointly.». Ωστόσο, εν προκειμένω, κάθε Ρυθμιστής εγκρίνει το κείμενο κατά το μέρος που τον αφορά, δηλαδή η ΡΑΕ για τα θέματα που αφορούν στους TAP και ΔΕΣΦΑ.

Επειδή, περαιτέρω, ο συντονισμός στις αποφάσεις των αρμοδίων Ρυθμιστών προβλέπεται επίσης και στην παράγραφο 2 του άρθρου 28 του Κανονισμού CAM.

Επειδή, οι Ρυθμιστικές Αρχές Ιταλίας, Αλβανίας και Ελλάδας συνεργάστηκαν για την εξέταση της ως άνω υπό στοιχείο (12) πρότασης έργου επαυξημένης δυναμικότητας των τριών Διαχειριστών TAP, SRG και ΔΕΣΦΑ και κατά τη διαδικασία αυτή διατυπώθηκαν κοινές θέσεις, οι οποίες αποτυπώνονται στο Παράρτημα της παρούσας, το οποίο αναφέρεται ως «ANNEX A».

Για τους παραπάνω λόγους

Αποφασίζει

1. Την έγκριση του κειμένου με τίτλο «Project Proposal of TAP, SRG and DESFA for the 2021 Incremental Capacity Process».

2. Το εγκεκριμένο κείμενο αποτελεί Παράρτημα (Παράρτημα Β – Annex B) της κοινής Απόφασης των Ρυθμιστικών Αρχών της Ελλάδος, Ιταλίας και Αλβανίας με τίτλο «Approval of “Project Proposal of TAP, SRG and DESFA for the 2021 Incremental Capacity Process – October 2022” jointly proposed by TAP, SRG and DESFA on the 31st of October 2022», η οποία προσαρτάται στην παρούσα Απόφαση ως «Παράρτημα Α» και αποτελεί αναπόσπαστο τμήμα αυτής.

Κατά της παρούσας απόφασης χωρεί αίτηση αναθεώρησης, η οποία ασκείται μέσα σε τριάντα (30) ημέρες από τη δημοσίευση ή κοινοποίηση της απόφασης, σύμφωνα με τη διάταξη της παραγράφου 2 του άρθρου 32 του ν. 4001/2011.

Αθήνα, 03 - 11 - 2022
Ο Πρόεδρος της ΡΑΕ

Αναπλ. Καθ. Αθανάσιος Δαγούμας

Autorità di regolazione per energia, reti e ambiente (ARERA, Italy)
Enti Rregullator i Energjise (ERE, Albania)
Ρυθμιστική Αρχή Ενέργειας (RAE, Greece)

*Approval of “Project Proposal
of TAP, SRG and DESFA for the
2021 Incremental Capacity Process – October
2022”*

jointly proposed by TAP, SRG and DESFA
on the 31st of October 2022

Whereas¹:

On August 29th 2011 TAP AG submitted to the Italian Ministry of Economic Development and on August 31st 2011 to the Regulatory Authority for Energy of Greece (RAE), an “Exemption Application for Trans Adriatic Pipeline”, as foreseen by Article 36 of the Gas Directive 2009/73/EC. On September 1st 2011, TAP AG submitted to the Energy Regulatory Entity (ERE) of Albania an “Exemption Application for Trans Adriatic Pipeline”, in accordance with Article 22 of the Gas Directive 2003/55/EC.

In June 2013 the Italian Ministry, RAE and ERE took the decision on the exemption, adopting the *Final Joint Opinion* (hereafter: “the FJO”), a document jointly written by ARERA, ERE and RAE (hereafter: “the Authorities”) and amended to comply with the Commission Decision [C(2013)2949 final] dated 16th of May 2013 and to take note of the Opinion 1/2013 of the Energy Community Secretariat dated 14th of May 2013. In November of the same year, the Authorities approved TAP’s Tariff Code².

In the FJO an exemption from the provisions of Articles 9 (Unbundling), 32 (TPA) for the Initial Capacity of 10bcm/y, and 41.6, 41.8, 41.10 (Regulated Tariffs) of the Gas Directive has been granted to TAP AG for a period of 25 years starting from the beginning of the Commercial Operation Date, under several conditions. Among others, according to Article 4.1.7 of the FJO, TAP AG is obliged to perform Market Tests on a regular basis starting no later than the Commercial Operation Date and, subsequently, at least every two years. TAP AG shall perform Market Tests under guidelines approved by the Authorities, with the view to offer to all Interested Parties additional available capacity up to the Total Capacity of 20 bcm/y³.

Following Article 4.1.7, TAP AG is obliged to fulfil the binding capacity requests resulting from each market test taking into account the provisions of points 3, 6 and 9 of §4.7 of the FJO. The expansion takes place if it is economically viable, namely if the incremental revenues from capacity resulting from each market test are equal or larger than the efficient incremental costs, quantified according to the TAP AG methodology as laid down in the TAP Tariff Code.

Additional terms to safeguard full compliance to the criteria of Article 36.1 of the Gas Directive were also imposed, among others, the obligation to build additional entry and exit points in Greece and Albania upon request of a third party, as a result of any market test, as long as such construction is technically feasible. The burden of proof to demonstrate that the construction of such additional entry and exit point is not technically feasible rests with TAP AG. If requested by the Authorities, TAP AG is to provide an opinion from an independent third party. All costs related to the construction and operation of such entry and exit points will be borne by the third party who made the request, according to the national legislation in place at the time of the request. Costs related to such entry and exit points will not include the investments required for additional capacity of TAP, resulting from §4.1 of the FJO, which will be remunerated through TAP Tariffs.

¹ Hereafter the definitions of the *Final Joint Opinion* and of EU Regulation 2017/459 apply.

² TAP’s Tariff Code was amended in 2018.

³ Following Article 4.1.9, the possibility to further expand capacity beyond the Total Capacity, (i.e. beyond 20 bcm/year), shall be investigated by TAP AG and if economically and technically feasible, it will be undertaken, with a view to fulfil all requests for long-term capacity (long-term means here a duration of more than 15 years).

On March 16th 2017, the new EU Regulation 459/2017 “establishing a network code on capacity allocation mechanisms in gas transmission systems and repealing Regulation (EU) No 984/2013” was adopted. The EU Regulation 2017/459 (hereafter: CAM NC) establishes a Network Code setting up capacity allocation mechanisms in gas transmission systems for both existing and incremental capacity.

On June 11th 2021 TAP AG submitted to the Authorities the “*Guidelines for the 2021 Market Test of Trans Adriatic Pipeline Guidelines*” for the incremental capacity process, seeking to align the related provisions of the Final Joint Opinion with EU Regulation 2017/459, in particular by coordinating the expected timeline/deadlines and by strengthening the cooperation with adjacent TSOs.

On June 28th 2021 (ARERA Deliberation 273/2021/R/gas), on June 29th 2021 (ERE’s Decision No.151), on July 1st 2021 (RAE’s Decision 517/2021), respectively, ARERA, ERE and RAE approved the Guidelines.

The main points of the Guidelines relevant for the present decision are:

1. the incremental capacity process is split into two phases, a *non-binding phase* (that includes the demand assessment and the design of expansion) and a *binding phase* (that includes an information period and a binding bidding phase);
2. the above-mentioned phases shall include all steps described in CAM NC to allow participants to submit binding bids for capacity allocation;
3. the procedure is open to all Interested Parties, namely any legal person who is interested in submitting non-binding and binding capacity demand indications to TAP AG and to participate in TAP’s Market Test in a transparent and non-discriminatory manner;
4. during the Market Test, all Interested Parties can request expansion of the entry and/or of the exit capacity on the TAP Transportation System, as well the construction of new entry and/or exit points along TAP’s transportation system;
5. Interested Parties must submit to the Authorities a declaration to ensure that their non-binding demand indication complies with any applicable Capacity Caps; they have also to confirm to TAP AG, at least two weeks prior to the end of Assessment Phase that the Authorities have deemed the request compliant with capacity caps.
6. the binding phase is sketched in the proposed Guidelines because its detailed rules will depend on the demands received during the non-binding phase and will be subject to further approval by Authorities.

On 5th July 2021, TAP AG, launched the non-binding phase of the Incremental Capacity Process on the Trans Adriatic Pipeline, in coordination with Snam Rete Gas (SRG) and DESFA. The three TSOs received non-binding demand indications and produced a joint Demand Assessment Report (DAR), published on the 25th of October 2021, concluding that there was sufficient indicative demand to initiate an Incremental Capacity Project.

In January 2022, SRG, DESFA and TAP AG in accordance with the provisions set out in article 27 (3) of CAM NC, jointly launched a public consultation on the identified draft Project Proposal written with the purpose to meet, to the extent possible, the received indicative non-binding demand requests.

On 31st October 2022, TAP AG, SRG and DESFA submitted for approval to the Authorities a joint Project Proposal, in accordance with the provisions set in article 28 of the CAM NC.

According to CAM (Article 28.2), the NRAs should publish coordinated decisions on the project proposal, considering the views of the other national regulatory authorities involved.

Therefore, the present joint decision is taken without prejudice for the NRAs involved to supplement it with further decisions falling within their competence, namely all aspects related to TAP connection with their respective national systems.

Whereas:

The incremental capacity project concerns 7 (seven) Interconnection Points (IPs) along the route of the TAP: Kipoi (TR-GR), Komotini (GR), Nea Mesimvria (GR), , Kucove (AL), Relievi Roskovec (AL), Fier (AL), and Melendugno (IT).

In particular, the Incremental Capacity Project comprises the following:

- a. Incremental capacity on TAP side offered as a bundled capacity product with the already existing and available capacity on SRG side (at the IP of Melendugno exit TAP and entry SRG);
- b. Incremental capacity offered jointly by TAP and DESFA at the IP of Nea Mesimvria as a bundled capacity product exit DESFA and entry TAP;
- c. Incremental capacity offered jointly by TAP and DESFA at the IP of Nea Mesimvria as a bundled capacity product exit TAP and entry DESFA;
- d. Incremental capacity offered by TAP at the IP Kipoi as unbundled entry capacity.
- e. Incremental capacity offered by TAP at the IP Komotini as unbundled exit capacity;
- f. Incremental capacity offers by TAP at prospective Kucove exit point as unbundled exit capacity;
- g. Incremental capacity offer by TAP at prospective Fier exit point as unbundled exit capacity;
- h. Incremental capacity offer by TAP at prospective Fier entry point as unbundled entry capacity;
- i. Incremental capacity offered by TAP as unbundled exit capacity at the prospective relevant Exit points of Relievi Roskovec.

On the TAP section, the Incremental Capacity Project:

1. can be achieved by installing additional compressor units, no modifications are required to the pipeline;
2. foresees four possible expansion levels at entry Kipoi (minimum, limited, partial and full), leading to a total technical capacity respectively of: 39.8 MSm³/d (387 GWh/day), 45.3 MSm³/d (440 GWh/day), 52.7 MSm³/d (512 GWh/day), 62.6 MSm³/d (608 GWh/day);

3. sets capacity at the TAP IPs, consistent with the four expansion levels at entry Kipoi and the already available capacity, on SRG side and expansion projects of DESFA;
4. set the offer levels in kWh/d at all entry and exit points consistent with the abovementioned technical capacity and taking into:
 - a. account a GCV value of 9,71 kWh/Sm³ and
 - b. the need to set aside 10% of the expansion capacity for short term bookings.

To increase the possibility that the economics for the Incremental Capacity Project are passed in accordance with the provisions of art. 30 (1) of CAM NC and considering TAP's specific regulatory framework as well as the findings of the non-binding demand indications, SRG, TAP AG and DESFA propose a number of measures:

1. the application of an Alternative Allocation Mechanism ("AAM") with an extended capacity booking horizon of 20 years after the start of the operational use, as all conditions set in Article 30 (2) of CAM are met;
2. the requirement of a minimum commitment for duration of at least 3 consecutive years, as documented to the Authorities by TAP AG, SRG and DESFA;
3. the possible performance of two rounds of binding phases: a first one in January 2023 and a second one, if needed on the basis of the results of the first binding phase, during 2023;
4. the requirement for participants to submit a reduced bid bond (during the bidding phase) and the full amount in a second phase, to secure the coverage of investments made by TAP before the COD;
5. the mitigation of TAP users' risks by selling an option associated with the capacity booking to extend its duration before the Commercial Operation Date (COD) of the expansion, as described in Section E of the joint Project Proposal. Initially, an extension is allowed to a date up until 14 November 2045. In case of a new market test for expansion, if another participant requests capacity that is currently reserved for the extension option, in order to prioritise further expansions, TAP can notify the relevant participant that the latest end date for the extension is curtailed to an earlier date that allows TAP to allocate the requested capacity to the other participant. This option is offered only on TAP's side of the capacity. It is the shippers' responsibility to book the capacity needed to exercise the extension option in the adjacent TSO's system and to bundle it with TAP's capacity within a reasonable time, otherwise the extension option is dropped also on TAP's side.
6. the possibility for TAP to propose to the user that part of the capacity be made available in advance of the date contained in the offer. This measure avoids the first delivery of gas takes place only once the entire demand for capacity has been met.

In accordance with the provisions of article 30 (3) of the CAM NC, TAP AG, DESFA and SRG intend to allow interested parties to submit binding bids on the following basis as all conditions for AAM are met:

- commitment at one IP linking commitments at other IP(s);
- commitments across a number of different standard yearly capacity products;
- commitments conditional on the allocation of a minimum amount of capacity.

In the light of the characteristics of the Incremental Capacity Project, the proposed AAM intends to prioritize bids depending on their booking durations, in accordance with article 30 (4) of the CAM NC.

The TSOs propose the following timeline:

- 14th November – 13rd January 2023: information phase
- 16th January – 15th February 2023: binding bidding phase 1

during 2023: binding bidding phase 2

The first gas through the expansion capacity is expected to be delivered in the time period from Q4 2025 to Q4 2027, depending on the offer level and the delivery point.

The economic test is carried out separately by each TSO at their side of the relevant IP and incremental capacity project shall be initiated if the economic test has a positive outcome on both sides of TAP interconnection points for at least one offer level.

For TAP, the economic test considers the net present value of the cost estimates and hypothetical incremental revenues, applying TAP target IRR as the discount factor, according to Annex I of TAP Tariff Code.

Whereas:

- the project proposal is in line with the principles stated in the Final Joint Opinion, the approved Guidelines, the CAM NC and does not introduce undue barriers to the foreseen process for building incremental capacity;
- the project has been developed in cooperation with adjacent TSOs, with the aim of ensuring a coordinated development of the network;
- all the information listed in Article 28 of CAM NC are included in the project proposal;
- the conditions set out in Article 30 (2) of CAM NC for the potential application of an AAM are achieved, considering that the project involves more than two entry-exit systems, bids are requested along several interconnection points and bids with a duration of more than 1 year are requested;
- the economic parameters proposed by TAP AG are in line with the TAP Tariff Code
- the other economic parameters are verified by the competent authority in each country and are in line with the respective tariffication systems

the Authorities jointly

approve the “*Project Proposal of TAP, SRG and DESFA for the 2021 Incremental Capacity Process – October 2022*” jointly proposed by TAP AG SRG and DESFA and attached as ANNEX B.

**Project Proposal
of
TAP, SRG and DESFA
for the
2021 Incremental Capacity Process
*October 2022***

Submission to NRAs

31 October 2022

This document is published at the websites of TAP, SRG and DESFA in accordance with Article 28 of Regulation (EU) No 2017/459 of 16 March 2017.

This document is jointly elaborated and published by:

Snam Rete Gas S.p.A.

Piazza Santa Barbara, 7
20097 San Donato
Milanese
Italy
T: +390237039727

E: ipa@snam.it
www.snam.it



Trans Adriatic Pipeline AG

Lindenstrasse 2
6340 Baar
Switzerland
T: +41 41 747 3400
F: +41 41 747 3401

E: market.test@tap-ag.com
www.tap-ag.com



DESFA SA

357-359 Messogion Ave.,
Athens, 15231
Greece
T: +302130884000
F: +302130884062

E: market-test@desfa.gr
www.desfa.gr



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Disclaimer

Each TSO has acted in good faith to ensure that the information in this Project Proposal is correct as at the date of this Project Proposal, however no representation or warranty is made by any TSO as to the accuracy or completeness of such information and the TSOs will not accept any liability, of any kind, to each other or to any third party, for any inaccuracies or incompleteness in such information. Furthermore, the TSOs shall have no obligation to update the Project Proposal for any changes arising after the date of issue of the Project Proposal. Nonetheless, if new or revised information is provided in the Project Proposal, the TSOs shall have no liability to each other or to any third party.

Furthermore, whilst each of the TSOs will endeavour to co-ordinate the processes and steps anticipated under this Project Proposal, no TSO will have any liability to any third party for any acts, omissions, breaches or decisions of the other TSOs or any other third party.

Introduction

Commission Regulation (EU) 2017/459 of 16 March 2017 establishing a network code on Capacity Allocation mechanisms in gas transmission systems (**Regulation**, also referred to as **CAM NC**) establishes a harmonised European Union wide process for the offer of incremental capacity between Member States. CAM NC became applicable in Albania as a contracting party to the Energy Community Treaty from 28 February 2020.

The rules for the allocation of capacity for this Incremental Capacity Project as set out in this document consider the specific regulatory framework of TAP according to the Final Joint Opinion issued by the National Regulatory Authorities of Italy (ARERA), Greece (RAE) and Albania (ERE), collectively referred to here as the **Authorities** dated 6 June 2013 (**FJO**).

TAP is exempted from certain provisions on third party access, regulated tariffs and ownership unbundling of Directive 2009/73/EC, subject to terms and conditions set by the FJO.

The exemption from regulated tariffs and ownership unbundling also applies to TAP's Expansion Capacity (being capacity made available in the TAP Transportation System in addition to the Initial Capacity, up to 10 BCMA). Expansion Capacity is offered in compliance with the third-party access principles. Thus, the Expansion Capacity of TAP will be offered following the Capacity Allocation rules as set by the CAM NC to the extent they do not conflict with the FJO (as per paragraph 4.6 of the FJO) and consequent tailor-made regulatory framework as summarised in Annex I of this Project Proposal.

Following the launch of the Incremental Capacity Process in July 2021, Trans Adriatic Pipeline (**TAP**), Snam Rete Gas (**SRG**) and DESFA have received non-binding demand indications and produced a joint Demand Assessment Report (**DAR**), which was published on the 25th of October 2021 with the conclusion that there was sufficient indicative demand to initiate an Incremental Capacity Project.

In January 2022, SRG, DESFA and TAP in accordance with the provisions set out in article 27 (3) of CAM NC, jointly launched a public consultation on the draft Project Proposal elaborated in line with the indicative non-binding demand requests. The TSOs have received comments during the public consultation from 2 (two) stakeholders. These comments, as well as more general market environment considerations and stakeholder engagement processes,⁴ have been considered to the extent possible in the subsequent design phase of the Incremental Capacity Project.

This document has been jointly prepared by SRG, TAP and DESFA in accordance with the provisions set out in article 28 of the CAM NC as Project Proposal for the Incremental Capacity Project of the involved TSOs. In line with the provisions of Article 28 of the CAM NC this Project Proposal is submitted to the Italian, Greek and Albanian NRAs for their evaluations and coordinated approvals.

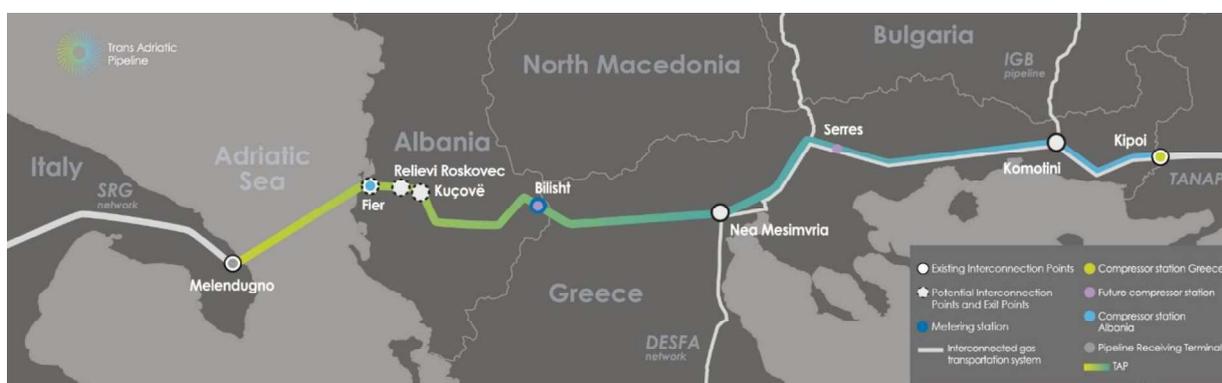
In particular, the Incremental Capacity Project comprises the following:

- Incremental capacity offered jointly by TAP and SRG at the IP of Melendugno as a bundled capacity product exit TAP and entry SRG.
- Incremental capacity offered jointly by TAP and DESFA at the IP of Nea Mesimvria as a bundled capacity product exit DESFA and entry TAP.
- Incremental capacity offered jointly by TAP and DESFA at the IP of Nea Mesimvria as a bundled capacity product exit TAP and entry DESFA.⁵
- Incremental capacity offered by TAP at the IP Kipoi as unbundled entry capacity.

⁴ On 18 July 2022, the EU and Azerbaijan signed a Memorandum of Understanding on a Strategic Partnership in the Field of Energy. It includes a commitment to double the capacity of the Southern Gas Corridor to deliver at least 20 billion cubic metres to the EU annually by 2027.

⁵ This capacity products at Nea Mesimvria are based on a respective TSOs initiative and do not try to cover non-binding demand indications submitted during the non-binding phase.

- Incremental capacity offered by TAP at the IP Komotini as unbundled exit capacity. The capacity offered reflects available TAP exit point capacity at IP Komotini without factoring in any expansion capacity in IGB. Accordingly, Participants will be solely responsible for ensuring that corresponding expansion capacity is available on the other side of the IP Komotini with IGB, and TAP offers no guarantee and has no liability to Participants in this regard. Participants should also note that IGB itself will not be participating as an adjacent TSO in the market test.
- Incremental capacity offers by TAP at prospective Kuçovë exit point as unbundled exit capacity.⁶
- Incremental capacity offer by TAP at prospective Fier exit point as unbundled exit capacity.⁷
- Incremental capacity offer by TAP at prospective Fier entry point as unbundled entry capacity.⁸
- Incremental capacity offered by TAP as unbundled exit capacity at the prospective Exit point of Relievi Roskovec.⁹



This Incremental Capacity Project is primarily driven by potential increases of the technical capacity at IPs along the TAP pipeline route. If infrastructure upgrades necessary for the Incremental Capacity Project are realised by the interconnected TSOs, then additional natural gas flows from the Greek-Turkish border, Greece or Albania will potentially reach downstream markets. Hence, this Incremental Capacity Project is conducted in close coordination by TAP, SRG and DESFA, to enable the offering of capacities at the IPs shared by the TSOs concerned. Notwithstanding such co-ordination, each TSO will be responsible for its own infrastructure upgrades and the other TSOs shall not have any liability to any party for the undertaking, or fail to undertake, such infrastructure upgrades.

Note that volumetric capacity of technical solutions will be quoted in Sm³ or Nm³, while incremental capacity to be offered for booking in each Binding Phase will be quoted in kWh/day. Indicatively, a convention of a minimum Gross Calorific Value (“GCV”) of 9.71¹⁰ kWh/Sm³ (10.23 kWh/Nm³) can be applied for conversion between capacity in volume and in energy.

⁶ It is the responsibility of the Participant to initiate any procedures that may be necessary for capacity to be made available downstream of TAP. TAP makes no representation as to the availability of such capacity or to the existence of required facilities outside of TAP.

⁷ It is the responsibility of the Participant to initiate any procedures that may be necessary for capacity to be made available downstream of TAP. TAP makes no representation as to the availability of such capacity or to the existence of required facilities outside of TAP.

⁸ It is the responsibility of the Participant to initiate any procedures that may be necessary for capacity to be made available upstream of TAP. TAP makes no representation as to the availability of such capacity or to the existence of required facilities outside of TAP.

⁹ TAP makes no representation as to the availability of capacity downstream of TAP or to the existence of required facilities outside of TAP.

¹⁰ For Melendugno IP the offer levels were calculated considering the existing contracted capacity converted with a GCV equal to 11.07 kWh/Sm³ and the expansion capacity converted with a GCV equal to 9,71 kWh/Sm³.

Description of the incremental capacity project and cost estimates

A.1 Market demand for incremental capacity

Non-binding demand indications by IP are described in detail in the DAR published by TAP, SRG and DESFA on 25 October 2021.¹¹

The following summarises high-level conclusions from the DAR relating to the non-binding requests for Forward Firm capacity:

- At Kipoi IP the non-binding requests equal 5,500,000 kWh/day from 2024/25 until gas year 2030/31.
- At Melendugno IP, non-binding requests peak at 60.700.000 kWh/day in the period 2026-2032. They then gradually reduce to 26.500.000 kWh/day in the period 2032-2036. No requests were received for the period beyond 2040. Note that out of these numbers, only demand for 15,000,000 KWh/d was received by both TAP and SRG, for the period 2021/22 - 2030/31.
- At Nea Mesimvria IP, non-binding requests (for exit from the DESFA system and – entry into the TAP pipeline) are equal to 15,000,000 kWh/day for the period 2021/22-2022/23. After this period, the requested capacity is equal to 30,000,000 kWh/day until gas year 2030/31.
- At IP Kucove, TAP has received non-binding requests equal to 7,500,000 KWh/d from gas year 2023/24 until gas year 2030/31.
- At IP Fier, TAP has received non-binding requests equal to 7,500,000 KWh/d from gas year 2023/24 until gas year 2030/31.
- At Relievi Roskovec exit point, TAP has received non-binding requests equal to 5,500,000 KWh/d from gas year 2024/25 until gas year 2030/31.

Connection Requests received for TAP in Albania

- a. In addition to non-binding capacity requests, TAP has received the following non-binding connection requests for:
 - a) an exit point at Relievi Roskovec, Albania with a technical capacity of 7,500,000 KWh/d.
 - b) an exit point at Kucove, Albania with a technical capacity of 7,500,000 KWh/d.
 - c) 2 (two) non-binding connection requests concerning Fier (with technical capacity requested for an exit of 7,500,000 kWh/d and entry of 1.8 BCMA respectively), potentially making the interconnection point bidirectional.

The DAR concluded that the demand indications received by TAP, SRG and DESFA were enough to initiate the design phase of an Incremental Capacity Project in accordance with paragraph 2 of Article 26 of NC CAM.

A.2 Description of the Incremental Capacity Project

Based on the capacity requests received in the non-binding demand indication phase, TAP, SRG and DESFA have started analysing potential infrastructure developments in their respective transmission systems to fulfil interested parties' requests.

The next paragraphs provide further information on the alternatives and associated costs for each of the TSOs. We note that investment costs provided in the descriptions below are established in line with established regulatory practices, as individually applicable to each TSO.

¹¹ [Market tests > Trans Adriatic Pipeline \(TAP\) \(tap-ag.com\)](#)

TAP

Following a review of the non-binding demand indications and the terms of the DAR, TAP identified the following alternative Expansion Projects:

- a. Level 1: TAP minimum expansion – to an actually built total capacity entry Kipoi of 39.8 MSm³ per day (387 GWh/day) (**Minimum Expansion Project**)
- b. Level 2: TAP limited expansion – to an actually built total capacity entry Kipoi of 45.3 MSm³ per day (440 GWh/day) (**Limited Expansion Project**)
- c. Level 3: TAP partial expansion – to an actually built total capacity entry Kipoi of 52.7 MSm³ per day (512 GWh/day) (**Partial Expansion Project**)
- d. Level 4: TAP full expansion – to an actually built total capacity entry Kipoi of 62.6 MSm³ per day (608 GWh/day) (**Full Expansion Project**)

The TAP pipeline expansion can be achieved by installing additional compressor units at the compressor stations GCS00 (Kipoi) and ACS03 (Fier), by the construction of the additional compressor stations GCS01 (Serres) and ACS02 (Bilisht) and by potential restaging of the existing compressor units in one or both of the existing compressor stations GCS00 (Kipoi) and ACS03 (Fier). No major modifications are expected to be required to pipeline sections between compressor stations.

The extent of the expansion depends on the firm demand for the Expansion Capacity.

The expansion projects described in this document (including the estimated technical capacities) may be subject, in TAP's sole discretion, to adjustment during their development, which may include optimisation based on the Binding Bids received by TAP.

The four different indicative infrastructural development configurations, with preliminary cost estimates according to cost risk analysis based on the pre-FEED study, are described in the following paragraphs:

Level 1: TAP Minimum Expansion Project

The required works for expansion to allow transportation of up to 39.8 MSm³/day (387 GWh/day) are:

- GCS00: Upgrade of the existing compressor station with the addition of 1 compressor unit (approx. 15 MW), including relevant facilities, process, and utility upgrade.

The cost of this project is estimated to be approximately 132 M€¹². The cost estimate may be amended and notified through the publication of the TAP section of the Joint Notice, depending on the availability of further technical information at such time.

Level 2: TAP Limited Expansion Project

The required works for expansion to allow transportation of up to 45.3 MSm³/day (440 GWh/day) are:

¹² Class 4 estimate, in accordance with AACE® International Recommended Practice Cost Estimate Classification System-as applied in Engineering Procurement and Construction for the Process Industries No. 18R-97.

- GCS00: Upgrade of the existing compressor station with the addition of 2 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- ACS02: no infrastructure upgrade required;
- ACS03: Upgrade of the existing compressor station with the modification of the internals of existing compressors and the addition of 2 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- IPR01: no infrastructure upgrade required.

The cost of this project is estimated to be approximately 469 M€¹³. The cost estimate may be amended and notified through the publication of the TAP section of the Joint Notice, depending on the availability of further technical information at such time.

Level 3: TAP Partial Expansion Project

The required works for expansion to allow transportation of up to 52.7 MSm³/day (512 GWh/day) are:

- GCS00: Upgrade of the existing compressor station with the addition of 2 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- ACS02: Upgrade of the existing metering facility into a compressor station with the addition of 3+1 compressor units (approx. 25 MW each), including relevant facilities, process and utility upgrade;
- ACS03: Upgrade of the existing compressor station with the addition of 2 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- IPR01: Upgrade of the metering and pressure reduction station;

The cost for this project is estimated to be approximately 896M€. ¹⁴ The cost estimate may be amended and notified through the publication of the TAP section of the Joint Notice, depending on the availability of further technical information at such time.

Level 4: TAP Full Expansion Project

The required works for expansion to allow transportation of up to 62.6 MSm³/day (608 GWh/day) are:

- GCS00: Upgrade of the existing compressor station with the addition of 3 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- GCS01: Upgrade of the existing scraper facility into a compressor station with the installation of 2+1 compressor units (approx. 25 MW each), including relevant facilities, process and utility upgrade;
- ACS02: Upgrade of the existing metering facility into a compressor station with the addition of 3+1 compressor units (approx. 25 MW each), including relevant facilities, process and utility upgrade;
- ACS03: Upgrade of the existing compressor station with the addition of 2 compressor units (approx. 15 MW each), including relevant facilities, process and utility upgrade;
- IPR01: Upgrade of the metering and pressure reduction station;

¹³ Class 4 estimate, in accordance with AACE® International Recommended Practice Cost Estimate Classification System-as applied in Engineering Procurement and Construction for the Process Industries No. 18R-97. The cost estimate includes a contingency that reflects the class 4 accuracy of the estimate and any applicable allowance.

¹⁴ See footnote above.

The cost for this project is estimated to be approximately 1267M€. ¹⁵ The cost estimate may be amended and notified through the publication of the TAP section of the Joint Notice, depending on the availability of further technical information at such time.

SRG

Level 1 (30,1 MSm³/day - 328 GWh/day¹⁶), Level 2 (35,6 MSm³/day - 381 GWh/day¹⁷) and Level 3 (43,0 MSm³/day - 453 GWh/day¹⁸) Entry Melendugno

The already existing infrastructures would be enough to deliver these Offer Levels, and so no additional investments are needed on SRG's side of the IP. Capacity offered at Melendugno IP for Offer Level 1, 2 and 3 will be in competition on the SRG side with the other IPs of Mazara and Gela, so the capacity allocation will be subject to the current capacity constraint, linked to the already existing infrastructures, as published on SRG website. ¹⁹

DESFA

The level of incremental capacity offered by DESFA in the framework of this incremental process, is calculated considering the existing technical capacities of DESFA's Gas System entry points, as well as the already approved projects in the frame of DESFA's TYNDP 2022-2031. Nea Mesimvria connects the Greek System with TAP pipeline. One compression station (**CS**) is operating at Nea Mesimvria. A new CS is also planned at Ampelia area as well as the upgrade of the existing CS at Nea Mesimvria. Also, according to DESFA's TYNDP 2022-2031, a new CS (booster) is planned at Nea Mesimvria in order to enable reversal of flow towards TAP. The upgrades of the transmission system included in DESFA's TYNDP 2022-2031 are considered as a prerequisite for the hydraulic simulation and the calculation of the Offer Level(s) by DESFA.

DESFA has executed preliminary technical studies in order to identify the investments needed to make incremental capacity available at the IP Nea Mesimvria. These technical studies consider the total requests submitted to DESFA by interested parties, during the non-binding phase. These requests sum to a maximum of 30,000,000 kWh/d as presented in section A.1 and refer to flows from DESFA's towards TAP's gas system in the IP Nea Mesimvria. DESFA has not received any non-binding requests for incremental capacity in the direction from TAP towards DESFA's gas System.

DESFA has included in the already approved by RAE TYNDP 2022-2031, a new booster compressor at Nea Mesimvria in order to facilitate flows from DESFA's gas System towards TAP. This booster Compressor will enable DESFA to offer firm capacity products at the exit point Nea Mesimvria. The compressor is expected to have been completed by the end of Q4 2023 and the commercial operation date is expected at Q1 2024. The impact of the incremental flows through Nea Mesimvria exit point was examined performing hydraulic simulations of the transmission system in a highly loading hydraulic case. The result is that the level of the flow requests submitted during the non-binding phase can be covered without any new investments after the completion of the above-mentioned booster CS.

Further to the above, DESFA has also examined the possibility to offer at least one Offer Level in the flow direction from TAP towards DESFA's System, even if no non-binding requests have

¹⁵ See footnote above.

¹⁶ For Melendugno IP, the offer levels were calculated considering the existing contracted capacity converted with a GCV equal to 11.07 kWh/Sm³ and the expansion capacity converted with a GCV equal to 9,71 kWh/Sm³.

¹⁷ For Melendugno IP, the offer levels were calculated considering the existing contracted capacity converted with a GCV equal to 11.07 kWh/Sm³ and the expansion capacity converted with a GCV equal to 9,71 kWh/Sm³.

¹⁸ For Melendugno IP, the offer levels were calculated considering the existing contracted capacity converted with a GCV equal to 11.07 kWh/Sm³ and the expansion capacity converted with a GCV equal to 9,71 kWh/Sm³.

¹⁹ The specific operating procedure is available in the Annex III.

been submitted during the non-binding phase. The goal is to cover any potential interest for gas transmission from TAP to DESFA through the existing interconnection point at Nea Mesimvria, that has not been expressed during the non-binding phase. Therefore, DESFA intends to offer to the market participants the possibility to book capacity in both directions during the upcoming binding phase(s).

The investments levels are the following:

Exit capacity at Nea Mesimvria Level 1: incremental capacity of 30 GWh/day

The already projected infrastructure would be enough to deliver this Offer Level, and so no additional investments are needed on DESFA's side of the IP. The above-mentioned Offer Level has as a prerequisite the completion of the planned Ampelia CS and the booster Compressor Station at Nea Mesimvria, already included in DESFA's approved 10-year Network Development Plan 2022-2031.

Entry capacity at Nea Mesimvria Level 1: incremental capacity of 26 GWh/day

For Offer Level 1, a new pipeline of 30" diameter from Ampelia to Lamia node (38 km) is needed. This new pipeline will be placed in parallel with the existing one, where possible, in order to minimize the cost of the project, the environmental effect and the requested time for the construction of the project. A new 13MW (2+1 x 6.5MW) compression unit must be installed at Platamonas node. The cost of the relevant project is estimated at € 108 million.

Entry capacity at Nea Mesimvria Level 2: incremental capacity of 49 GWh/day

For Offer Level 2, a new pipeline of 30" diameter from Larisa area to Sperheios node (92 km) is needed. This new pipeline will be placed in parallel with the existing one, where possible, in order to minimize the cost of the project, the environmental effect and the requested time for the construction of the project. A new 18MW (2+1 x 8) compression unit must be installed at Litochoro node. The cost of the relevant project is estimated at € 189 million.

The above-mentioned Offer Levels have as a prerequisite the completion of the planned Ampelia CS, and the upgrade of the existing Nea Mesimvria CS already included in DESFA's 10-year Network Development Plan 2022-2031.

Until the completion of the CSs mentioned above (estimated to be completed by the end of 2023), the technical capacity (entry DESFA) at Nea Mesimvria Interconnection Point (**IP**) is offered in competition with the capacity (entry DESFA) at the IP Kipi. The total amount of the capacity offered in Nea Mesimvria is equal to 4.8 MNm³/d, out of which 4.3 MNm³/d is offered in competition with the capacity of DESFA's entry point at Kipoi.

After the completion of the above-mentioned CSs and the debottlenecking of the Greek gas System, the technical capacity at Nea Mesimvria Interconnection Point will be equal to 4.6 MNm³/d and will not be offered through competing auctions.

B. Offer Levels (Art. 28 (1) lit. a NC CAM)

According to the different project configurations described above it will be possible to propose distinct Offer Levels for each IP. The Offer Levels may be combined in different ways, depending on the overall set of Binding Bids received. Please note that the capacities at the different TAP Entry and Exit Points are not cumulative. They may be in competition with each other. On the other hand, the capacities for the different technical solutions as set out in section A.2.1 above, assume that all new bookings utilise the full pipeline length (i.e., the thresholds for TAP Entry Kipoi found below are based on hydraulic simulations assuming entry bookings are linked with the same amount of bookings for TAP Exit Melendugno).

Readers should also note the terms of Section E.6 in connection with Annual Requests made in respect of TAP.

The Offer Levels in the tables below – providing an overview of capacities jointly offered at all IPs - represent the capacity that could be allocated in the first Binding Bidding Phase of this Incremental Capacity Project as long-term capacity (considering any available capacity net of the already booked capacity and the capacity to be reserved for short term bookings). In order to guarantee firm transportation service, the levels are also calculated based on all gas to be transported through the TAP pipeline having a minimum GCV of 9.71 kWh/Sm³ (36.84 MJ/Nm³ or 10.23kWh/Nm³).²⁰

Please note that the starting dates in the tables below assume that the first Binding Bidding Phase will take place in January 2023.²¹

Kipoi²²

	Offered Capacity (kWh/d)				Entry / Exit and TSO offering capacity
	Level 1	Level 2	Level 3	Level 4	
Starting date	Q4-2025	Q4-2026	Q4-2027	Q4-2027	Entry TAP
Capacity	32,829,131	80,571,207	145,631,271	231,954,059	

Nea Mesimvria - Exit DESFA/Entry TAP

	Offered Capacity (kWh/d)	Entry / Exit and TSO offering capacity
	Level 1	
Starting date	Q4-2025	Exit DESFA and Entry TAP
Capacity	30,000,000	

Nea Mesimvria - Entry DESFA/Exit TAP

	Offered Capacity (kWh/d)	Offered Capacity (kWh/d)	Entry / Exit and TSO offering capacity
	Level 1	Level 2	
Starting date	Q1 2027	Q3 2027	Entry DESFA and Exit TAP
Capacity	26,000,000	49,000,000	

Komotini

	Offered Capacity (kWh/d)	Entry / Exit and TSO offering capacity
Starting date	Q4 2025	Exit TAP

²⁰ Reference conditions for normal cubic meters are 25°C for combustion and 0°C for volume at atmospheric pressure. For Melendugno IP, the offer levels were calculated considering the contracted capacity converted with a GCV equal to 11.07 kWh/Sm³ and the expansion capacity converted with a GCV equal to 9.71 kWh/Sm³.

²¹ Please see Section D for more details on the timing.

²² Note that even though the offered incremental capacity at entry Kipoi is lower than at exit Melendugno, the additional capacity at Melendugno may theoretically still be booked and used, as shippers may choose not to nominate under their existing bookings in TAP for the IPs Nea Mesimvria and Komotini, thereby allowing a higher flow to Melendugno.

	Offered Capacity (kWh/d)	Entry / Exit and TSO offering capacity
Capacity	30,000,000	

Kucove²³

	Offered Capacity (kWh/d) Level 1	Entry / Exit and TSO offering capacity
Starting date	Q4 2025	Exit TAP
Capacity	7,500,000	

Relievi Roskovec

	Offered Capacity (kWh/d) Level 1	Entry / Exit and TSO offering capacity
Starting date	Q4 2025	Exit TAP
Capacity	7,500,000	

Fier²⁴

	Offered Capacity (kWh/d) Level 1	Entry / Exit and TSO offering capacity
Starting date	Q4 2025	Exit TAP
Capacity	7,500,000	

Fier

	Offered Capacity (kWh/d)	Entry / Exit and TSO offering capacity
Starting date	Q4 2025	Entry TAP
Capacity	44,900,000	

Melendugno ²⁵

	Offered Capacity (kWh/d)			Entry / Exit and TSO offering capacity
	Level 1	Level 2	Level 3	
Starting date ²⁶	Q4-2025	Q4-2026	Q4 2027	Exit TAP and Entry SRG
Capacity	32,829,131	80,571,207	145,631,271	

²³ Please note that TAP makes no representation as to the existence of downstream facilities or availability of capacity at this point.

²⁴ Please note that TAP makes no representation as to the existence of downstream facilities or availability of capacity at this point.

²⁵ Capacity offered at Melendugno IP will be in competition on the SRG side with other IPs of Mazara and Gela, so capacity allocation will be subject to the capacity constraints as published on SRG website. The specific operating procedure is available in the Annex III.

²⁶ Please note that the starting dates inserted refer to TAP availability as no works are required on SRG side

In line with the provisions of the FJO and CAM NC an amount equal to 10% of the expansion capacity will be set aside to be offered as short-term capacity, as applicable for each TSO and in addition to the numbers included in the table above. With regards to TAP's initial project, according to Section 4.1.10 of the FJO, TAP also has an obligation to set aside 5% of the Initial Capacity for short-term auctions.

C. Alternative allocation mechanism (Art.27(3) lit. c, f NC CAM)

To increase the possibility that the economics for the Incremental Capacity Project are passed in accordance with the provisions of art. 30 (1) of CAM NC and considering TAP's specific regulatory framework as well as the findings of the non-binding demand indications, SRG, TAP and DESFA intend to apply an Alternative Allocation Mechanism (**AAM**) with an extended capacity booking horizon of up to 20 years after the start of the operational use, subject to the approval of the concerned Authorities.

The criteria envisaged under Article 30 (2) of CAM NC for the potential application of an AAM are achieved by this Incremental Capacity Project, on the following basis²⁷:

- The Incremental Capacity Project involves at least three entry-exit systems in the EU (TAP, SRG, DESFA), Albania and potentially other entry-exit systems in the future.
- Non-binding requests for FFLT Capacity were received for 5 IPs included in the table in Section B.
- Interest concerns capacity reservations of more than 1 year.
- Participants have indicated interest for commitments linking more than one IP.

In accordance with the provision of article 30 (3) of the CAM NC, TAP, DESFA and SRG intend to allow interested parties to submit Binding Bids on the following basis:

- Commitment at one IP linking commitments at other IP(s);
- Commitments across several different standard yearly capacity products;
- Commitments conditional on the allocation of a minimum amount of capacity.

In the light of the characteristics of the Incremental Capacity Project, the proposed AAM prioritizes bids depending on their booking durations, in accordance with article 30(4) of the CAM NC. In particular, TAP, SRG and DESFA give priority to commitments for durations of at least 3 consecutive years starting from the relevant E-COD and linking more than one IP along the gas route as further specified in the following parts of this document. Binding Bids will be processed subject to the Participants meeting the requirements set out in section E.1. In the event of congestion, in order to be consistent with TAP's specific regulatory framework (in particular the TAP Tariff Code) and to ensure coherent allocation results for interconnected TSOs, a ranking will be performed on the basis of the net present value (**NPV**) of incremental revenues from each Binding Bid per unit of annual capacity requested as further specified in Section E.²⁸

²⁷ Please also refer to the evidence provided in the DAR.

²⁸ The TAP Tariff Code does not foresee an auction except for the exceptional situation of equal marginal bids.

D. Provisional Timeline of the incremental capacity project (Art. 27 (3) lit.d CAM NC)

This chapter describes the timeline for the conclusion of the Incremental Capacity Project (section D.1) and provides estimates of the possible time needed for the realization of the new incremental capacity (section D.2).

D.1 Incremental capacity cycle timeline

Based on the feedback received during the Public Consultation which ended on the 18th of March 2022 and considering the recent gas market developments, the TSOs propose to adopt an accelerated timeline and organise a Binding Bidding Phase in January 2023, followed by a second Binding Phase, in 2023.

Should the TSOs elect, in their sole discretion, to hold a second Binding Phase, then such second Binding Phase will include the same phases (i.e., Information Phase and Binding Bidding Phase followed by capacity allocation, EVT and GTA entry).

For the avoidance of doubt, and subject to Conditions Precedent set by each TSO in part E.7, commitments undertaken during the first Bidding Phase shall not be affected in case of a second Binding Phase.

Participants should note that the TSOs Concerned reserve the right to hold a second Binding Phase. Once, the decision to hold a second Binding Phase will be taken, it will be notified to the NRAs, and the TSOs Concerned shall have no liability to any party in connection with such decision.

D.1.1 Timeline of the first Binding Phase (2022)

The first Binding Phase will commence with the publication of the Joint Notice on the websites of TAP, SRG and DESFA, envisaged to take place on 14th November 2022.²⁹ A Binding Phase is made up of an Information Phase and a Binding Bidding Phase (this applies to both Binding Phases that may be held).

During the first Information Phase, the parties interested in participating in the first Binding Bidding Phase will, subject and in accordance with TSO-specific requirements set out in Section E.1 below, be requested to register with the TSOs Concerned as an Applicant in order to participate in the first Binding Bidding Phase.

At the beginning of such first Information Phase, together with the Joint Notice, on their websites, TAP, SRG and DESFA will make available a Binding Phase Notice and a list of the relevant documentation that needs to be submitted by the Applicants for their registration and the respective deadline for submission of such documentation.

In a Bid Submission Window commencing in January 2023, the parties interested in participating in the first Binding Bidding Phase will be required to submit Binding Bids by no later than the end of the Bid Submission Window. Please see Section E.2 which sets out the content of the Binding Bids.

Following the end of the Bid Submission Window, TAP, SRG and DESFA will proceed with bid evaluation, Preliminary Capacity Allocation and the Economic Viability Test (**EVT**), entering into Gas Transportation Agreements (**GTAs**) with the successful Participants. The first Binding Phase ends either in case no Offer Level passes the EVT or with GTAs, as applicable for each TSO, becoming fully effective (see Section E.7 concerning Conditions Precedent to the GTAs).

Milestone Timeline (dates envisaged)

²⁹ This timeline depends on the possibility that the Project Proposal is approved by the Italian, Greek and Albanian NRAs in line with the intended publication date.

Milestones		Dates
A	Information Phase	14 November – 13 January 2023
	Joint Notice: TAP/SRG/DESFA make available a list of documentation to be submitted to each TSO	14 November 2022
	Registration Period	14 November –13 December 2022
	TAP/SRG/DESFA evaluate the applicants' eligibility	14 December – 13 January 2023
B	Binding Bidding Phase	16 January – 15 February 2023
	Bid Submission Window	16 January – 22 January 2023
	Bid Evaluation Period	23 January – 25 January 2023
	Preliminary Capacity Allocation ³⁰	26 January – 28 January 2023
	Economic Viability Test Results published	30 January 2023
C	Capacity Allocation	30 January 2023
D	Execution of GTAs	15 February 2023

D.2 Duration of project realization

The table below contains an indicative overview of the timing expected by the TSOs Concerned for the realization of the respective projects.

TSO	Level 1	Level 2	Level 3	Level 4
TAP	35 months from Capacity Allocation	47 months from Capacity Allocation	59 months from Capacity Allocation	59 months from Capacity Allocation
SRG	OL1, OL2, OL3: Incremental capacity will be made available at no additional effort due to pre-investment – timing dependent on TAP			
DESFA	In direction from DESFA to TAP: Incremental capacity can be available after the completion of the relevant projects, already approved in DESFA's TYNDP (estimated completion in Q1 2024)			
DESFA	In direction from TAP to DESFA: 48 months for OL 1 (estimated completion in Q1 2027)			

³⁰ If during the Preliminary Capacity Allocation TAP reaches a preliminary conclusion of a negative EVT result, TAP may enter into discussions with Participants for a revision of their Binding Bids, with the purpose of yielding a positive EVT, in accordance with Section 3.3.1(d) TAP Tariff Code. TAP will also proceed to inform the Authorities of the negative EVT result. Depending on decisions of the Authorities, the preliminary capacity allocation period may (as an indicative, non-binding estimate) be extended by up to 4 months, as follows: according to Section 4.1.8 of the FJO, in case the EVT is negative, TAP is obliged to demonstrate this situation to the Authorities within one month following the closing date of the market test. If so, requested by the Authorities, TAP will provide an opinion by an independent third party. In case such an opinion is requested, the one-month timeline is extended by two months. The Authorities will then decide on the economic viability of the expansion within one month following receipt of TAP's argumentation / from the receipt of the independent opinion.

	54 months for OL 2 (estimated completion in Q3 2027)
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TAP

Following receipt of Binding Bids and a positive EVT for one of the four Expansion Projects for entry capacity TAP will continue to develop and further specify the technical elements, schedule, and costs of the chosen Expansion Project.³¹ In parallel to the development of the FEED, TAP will seek relevant key permits and third-party financing, if applicable.

TAP and the Participants shall cooperate with one another in relation to any schedule updates and use reasonable endeavours to keep the other updated about developments, changes or delays which are likely to impact the timeline according to which the Expansion Project can be implemented (including, in relation to TAP, anticipated delays to the Start Date (as defined in Schedule 2 of the Transportation Confirmation) and in relation to each Participant, matters relating to upstream operations and the anticipated availability of gas to transport as part of the Expansion Project).

SRG

The capacity for Offer Level 1,2 and 3 is already available.

SRG may waive Condition(s) Precedent under GTAs and proceed with project implementation (see Section E.7).

DESFA

Based on the preliminary technical studies, DESFA estimates that the necessary projects for the offer of the incremental capacity (the booster Compressor at Nea Mesimvria and the new CS at Ampelia) as described in part A.2.4 will be concluded by Q4 2023 so DESFA will be able to offer firm exit capacity at Nea Mesimvria exit point at Q1 2024. In any case, it must be noted that the above-mentioned timeframe, for the DESFA Offer Level will be further clarified during the technical studies phase.

In addition, DESFA will also offer two Offer Levels for entry capacity at Nea Mesimvria IP (see section A.2.3 above). Based on the preliminary technical studies, DESFA estimated the necessary projects for the offer of the incremental capacity. For Offer Level 1 the necessary investment is expected to be finalized within 48 months and the capacity will be offered by Q1 2027 while for Offer Level 2 the necessary investment is expected to be finalized within 54 months and the capacity will be offered by Q3 2027. In any case, it must be noted that the above-mentioned timeframes, for the DESFA Offer Levels will be further clarified during the technical studies phase.

³¹ At TAP option, a FEED may also be commenced prior to the EVT.

E. General rules and conditions for each Binding Phase (Art. 27 (3) lit. g NC CAM)

This chapter describes the general rules and conditions which the TSOs Concerned will apply in relation to the participation of interested parties in each Binding Phase.

Each Binding Phase will be open to all interested parties, including those that have not submitted a non-binding demand indication during the non-binding phase of the 2021 Market Test.

Access to the transportation service provided by each TSO's systems is permitted impartially and on an equal basis, to all interested parties that meet the requirements set out in this document.

Incremental capacity will be offered as bundled products (where possible) to Participants for a minimum duration of 3 consecutive years, with the earliest possible start date being the planned E-COD and the latest possible end date for capacity in the TAP Pipeline being the expiry of TAP's exemption (14 November 2045). Demand requests of shorter duration will also be evaluated in the allocation process, subject to the restrictions described below.³²

TAP

Capacity booked in the TAP Pipeline must have an initial end date that is the same as the end date of the corresponding booking in the relevant adjacent TSO's system, and such firm capacity booked in the TAP Pipeline shall be bundled with capacity in the relevant adjacent TSO's system. However, please note in relation to capacity allocated in the TAP Pipeline only that each Participant shall have the right, in accordance with the GTA, to notify an extended end date for its capacity booking. This extended end date must be nominated by no later than two months before the E-COD and initially allows an extension to a date up until 14 November 2045. If a Participant exercises such right in relation to capacity booked in the TAP Pipeline, it will be the responsibility of the Participant to purchase matching capacity in the adjacent TSO's system. For IPs where capacity is made available as bundled capacity:

- the Participant must confirm to TAP no later than one month after making any such nomination whether, and to what extent, it has purchased matching capacity in the adjacent TSO's system;³³
- any extended capacity in TAP for which the Participant has purchased matching capacity with the adjacent TSO will be bundled with that capacity in the adjacent TSO; and
- any extended capacity in TAP for which the Participant has not purchased matching capacity within the one-month period specified above will not be retained by the Participant in order to avoid residual unbundled capacity bookings in TAP.

Notwithstanding the option to notify an extended end date for capacity booked in the TAP Pipeline, TAP will use only firm and bundled capacity bookings for the purpose of calculating and passing the EVT for any applicable Expansion Project. However, there may be circumstances where this option to notify an extended end date of bookings in the TAP Pipeline will prevent TAP from allocating capacity (either in this Expansion Project or in a future Binding Phase) that, if it was allocated, would result in a positive Economic Viability Test and trigger a further expansion. This may occur if a participant requests capacity that is currently reserved under the extension option held by another Participant. If this happens, in order to prioritise further expansions, TAP can notify the relevant Participant that the latest end date for the extension is

³² The three-year minimum duration for bids contributing to determine the extent of an expansion is set to avoid a short peak in demand leading to suboptimal investment requirements and value chain economics. Note that shorter requests may be included in an EVT if required for this to be passed (see E.6)

³³ Please note that this provision does not give Participants any priority right in purchasing the corresponding capacity on the adjacent TSO system.

curtailed to an earlier date that allows TAP to allocate the requested capacity to the other participant.

Note also that in relation to the allocation of bundled capacity, in the event of a delay or misalignment in the start date of capacity for an adjacent TSO, TAP has the right (but not obligation) to agree and implement ways of mitigating the consequences of such delay or misalignment, including by making adjustments to any bundled capacity allocation or, in relation to Linked Bids, to capacity allocated at both exit and entry points as may be agreed with the relevant Participant. Any such mitigation is expected to be neutral to TAP.

SRG

For the avoidance of doubt, the abovementioned right granted by TAP to the Participants to notify an updated end date for its capacity booking in the TAP Pipeline, does not provide any right in relation to the bid on the SRG side. In relation to the allocation of bundled capacity, in the event of a delay or misalignment in the start date of capacity for an adjacent TSO, SRG has the right (but not obligation) to agree and implement ways of mitigating the consequences of such delay or misalignment, including by making adjustments to any bundled capacity allocation as may be agreed with the relevant Participant. Any such mitigation is expected to be neutral to SRG.

DESFA

For the avoidance of doubt, the abovementioned right granted by TAP to the Participants to notify an updated end date for its capacity booking, does not provide any right in relation to the bid on the DESFA side.

In relation to the allocation of bundled capacity, in the event of a delay or misalignment in the start date of capacity for an adjacent TSO, DESFA has the right (but not obligation) to agree and implement ways of mitigating the consequences of such delay or misalignment, including by making adjustments to any bundled capacity allocation as may be agreed with the relevant Participant. Any such mitigation is expected to be finally neutral to DESFA.

E.1 Participation criteria and Registration

The requirements referred to in this Section E.1 will apply to the Binding Phase carried out by the TSOs.

Applicants will have to submit filled-in Binding Phase Registration Forms to TAP, SRG and DESFA, which will be provided together with the Joint Notice and each TSO's own Binding Phase Notice. The information to be submitted by Applicants shall include (but not be limited to) the following information:

- A. Company Name and Address.
- B. Name and contact details of Company Representative.
- C. A list of the IPs/exit point(s) where the Applicant intends to submit a binding commitment.

The above registration requirements apply in addition and subject to each TSO's further requirements in relation to registration and their applicable regulatory framework, in each case as indicated below.

Applicants must submit (within the required deadlines) all the documents needed, as described in this Section E.1, each TSO's own Binding Phase Notice and the Joint Notice, and also potentially be enabled to operate on a jointly identified capacity platform if so decided by the TSOs Concerned, as indicated in the Joint Notice.

At the end of the Registration Period, TAP, SRG and DESFA will communicate to Applicants their eligibility to participate in the Binding Bidding Phase.

By participating in a Binding Bidding Phase, each Participant will be required to accept that:

- the Capacity Allocation referred to in the Incremental Capacity Process is subject to the positive outcome of the EVT of the TSOs Concerned;
- in case of a negative outcome of the initial EVT carried out prior to Capacity Allocation, the TSOs Concerned shall, if applicable, return any Bank Guarantees submitted as part of the registration or with the Binding Bid and no transport capacity will be contractually allocated;
- in case of a positive outcome of the initial EVT carried out prior to Capacity Allocation, the successful Participant shall enter into a GTA and, if applicable, transmit to the TSOs respective Bank Guarantees as described below in Section E.7;
- in case a Participant is not allocated incremental capacity after a positive EVT, the Bank Guarantee shall be returned; and
- if the Participant is allocated capacity but the GTA between the TSO and the Participant is not executed between the relevant Parties or does not, for any reason, become fully effective, the Participant will be subject to TSO-specific rules as set out below.

TAP

TAP accepts as Participants in the Binding Phase either (i) parties who are already registered with TAP under TAP's Network Code rules (**Registered Party/-ies**)³⁴, or (ii) parties that have duly commenced such registration process (by following the steps indicated on TAP's webpage "How to become a Registered Party" and having correctly completed and submitted an Initial Onboarding Form).³⁵ By the end of the Registration Period as indicated above at Section D (i.e., 13 December 2022):

- Applicants must have submitted a duly signed Binding Phase Registration Form for the 2021 Market Test.³⁶ Please note that along with the Binding Phase Registration Form all parties must submit a Confidentiality Agreement³⁷ (as required under the Binding Phase Registration Form);³⁸ and
- any Applicants who are not yet Registered Parties with TAP must also have commenced the process to become a Registered Party under TAP Network Code rules by having correctly completed and submitted the Initial Onboarding Form. For the sake of clarity, these Applicants are also required to submit a Binding Phase Registration Form and Confidentiality Agreement, as mentioned above.³⁹

In the Binding Phase Registration Form, amongst others matters, each Applicant must acknowledge:

- that no sanctioned gas will be transported through the TAP pipeline.
- their obligation to engage in the Capacity Caps assessment with the Authorities and submit any information required to perform such an assessment to the relevant

³⁴ "Registered Party" means any Person that has satisfied the conditions to becoming a Registered Party specified in Section 3.1 of TAP Network Code and has received confirmation from the Transporter of its status as a Registered Party, in accordance with TAP Network Code.

³⁵ <https://www.tap-ag.com/shippers/applying-to-become-a-registered-party>

³⁶ Link once done; The Binding Phase Registration Form that the Applicants must submit to TAP is provided in the Annexes Section to this Binding Phase Notice.

³⁷ Template Confidentiality Agreement to be found in Annex XX to this Binding Phase Notice.

³⁸ Add link to BP Reg Form

³⁹ <https://www.tap-ag.com/shippers/applying-to-become-a-registered-party>

Authorities (ARERA in Italy, RAE in Greece and ERE in Albania). Once the assessment has been done, the Applicant is required to inform TAP of any capacity caps that may be imposed following the dominance assessment.

Upon confirmation by TAP that an Applicant is eligible to participate in the Binding Bidding Phase, such Applicant becomes a Participant. A Participant may submit a Binding Bid Form in accordance with the requirements of this Project Proposal, the Joint Notice, the Binding Phase Notice published by each TSO and the Binding Bid Form.

When a Participant submits a Binding Bid Form to TAP, the Participant will be required at the same time to deliver to TAP an on-demand Bank Guarantee (the **Bid Guarantee**) with an expiry date no earlier than 30 April 2023 from an internationally reputable bank with a minimum credit rating of BBB - at Standard and Poor's or Baa3 at Moody's, or alternatively issued by any Greek financial institute supervised by the ECB (systemic banks, namely any of Alpha Bank, Eurobank, National Bank of Greece and Piraeus Bank), which has been approved in advance by TAP in its absolute discretion, cashable at first request of TAP and equal in value to the lower of:

- I. 15% of the maximum annual capacity requested by the Participant at all IPs multiplied by the TAP tariff for Forward Firm Long-Term Capacity published for calendar year 2022; and
- II. 30 MEUR.

The Bid Guarantee is provided as security in respect of the Participant's obligations and liabilities under and in connection with this Project Proposal. TAP shall be entitled to make a demand under the Bid Guarantee at any time up to the total aggregate amount available for demand under the Bid Guarantee if:

(i) at any time, the credit rating of the bank providing the Bid Guarantee no longer satisfies the requirements set out above (including in respect of minimum credit rating) or if the Bid Guarantee has an expiry date prior to 30 April 2023 and no renewed Bid Guarantee (substantially in the same form as the Bid Guarantee it is replacing and meeting the requirements set out above in relation to the provider) has been provided no less than fifteen (15) days prior to expiry of the original Bid Guarantee;

(ii) the Participant fails to satisfy its obligations and liabilities arising as a result of and in connection with a withdrawal of its Bid or termination of a GTA (see section E.7 below); or

(iii) the Participant does not provide the Post-Bid Guarantee in accordance with section E.7 below.

If the Bid Guarantee is called solely in connection with the circumstances set out in limbs (i) or (iii) above and if, in TAP's sole discretion, such circumstances have been adequately remedied by the issue of a renewed or new Bid Guarantee or provision of the Post-Bid Guarantee in accordance with section E.7 (as applicable) or by the implementation of other arrangements satisfactory to TAP, TAP will repay to the Participant those amounts, if any, received by TAP on the calling of the Bid Guarantee on account of the circumstances set out in limbs (i) or (iii) to the extent such sums have not been utilised by TAP in accordance with this Project Proposal.

The Bid Guarantee provided to TAP by each Participant will be returned by TAP to such Participant once:

- TAP confirms that the Participant will not be allocated capacity in the Expansion Project;
- The EVT is finally determined to be negative (in accordance with the provisions of section E6 of this Project Proposal); or
- If the Participant is allocated incremental capacity as part of the Expansion Project, upon provision to TAP of a Post-Bid Guarantee in accordance with section E.7 below.

By submitting a Binding Bid Form to TAP, the Participant accepts:

- that submission of a Binding Bid will constitute an irrevocable commitment to enter in a GTA with TAP, subject only to the successful outcome of the EVT; and
- the consequences of the GTA being terminated, as set out in section E.7 below.

Notwithstanding the above, TAP may at its sole discretion (and to the extent agreed in advance with TAP) accept an alternative form of credit support acceptable to it in place of a Bank Guarantee. If such alternative credit support is provided, it must be provided such that it can be called on by TAP in the circumstance in which TAP would be permitted to call on the Bank Guarantee. All of TAP's rights, remedies and entitlements in connection with the Bank Guarantees (as set out in this Project Proposal) shall apply equally to such alternative form of credit support.

SRG

Applicants will be required to state the possession of relevant requirements defined in paragraph 1.1 – Chapter 5 and comply with the conditions referred to in paragraphs 1.4 and 9.1 of Chapter 5 of Snam Rete Gas Network Code.

Any statement of possession of requirements (requests, commitments, declarations or acceptances), as well as any request/communication or expression of will, made by the Applicant, including via the relevant functionality of SRG's website or a potentially jointly identified capacity booking platform, constitutes a formal obligation and commitment on the part of the Participant, which accepts – even in respect of third parties – any and all liability arising from any breaches/errors or omissions.

Participants shall be required to present to SRG within the end of the Information Phase:

- The Transportation Contract ("GTA") signed by a person in possession of power of attorney.
- The "First Guarantee" : a Bank Guarantee , cashable at first request, issued by an Italian financial institute or Italian insurance company or Italian branch of a foreign bank or foreign insurance company with a minimum credit rating of BBB- at Standard and Poor's or Fitch Ratings, Baa3 at Moody's or BBB low at DBRS or a non-interest-bearing security deposit, respectively equal in value to 20% of the maximum annual capacity charge (based on the indicative tariff made available by SRG) of the incremental capacity they intend to request and with an expiry date no earlier than 15/08/2023.

SRG will publish on its own web site the estimated value of the annual capacity charge referred to in the Incremental Capacity Project.

Binding Bids by Participants will be accepted only within the limits of the First Guarantees which will have been presented to SRG according to the provisions above.

The First Guarantee provided to SRG by each Participant will be returned by SRG to such Participant once:

- SRG confirms that the Participant will not be allocated capacity in the Expansion Project;
- The EVT is finally determined to be negative (in accordance with the provisions of section E6 of this Project Proposal); or
- If the Participant is allocated incremental capacity as part of the Expansion Project, upon provision to SRG of the Contracts Guarantees in accordance with section E.7

below.

By submitting a Binding Bid Form to SRG, the Participant accepts:

- that submission of a Binding Bid will constitute an irrevocable commitment to enter in a GTA with SRG, subject only to the successful outcome of the EVT; and

the consequences of the GTA being terminated, as set out in section E.7 below.

DESFA

Applicants will be required to state the possession of relevant requirements defined in DESFA Network Code, Annex I of the NNGS Standard Transmission Agreement and the relevant Application. Only Transmission Users, as defined in DESFA's Network Code, can submit binding bids for entry / exit capacity to/from the DESFA system, in the Binding bidding phase. The specific requirements that must be fulfilled by the interested parties will be defined in detail in DESFA's section of the Joint Notice (DESFA's Binding Phase Notice). DESFA shall not allow any interested party to submit Binding Bids if these requirements are not met and even if submitted shall be rejected for this reason.

Any statement of possession of requirements (requests, commitments, declarations or acceptances), as well as any request/communication or expression of will, made by the Applicant, including via the relevant functionality of DESFA's website or a potentially jointly identified capacity booking platform, constitutes a formal obligation and commitment on the part of the Participant, which accepts – even in respect of third parties – any and all liability arising from any breaches/errors or omissions.

Participants shall be required to provide to DESFA within the required deadlines a Bank Guarantee (Binding Bid Guarantee), cashable at first request of DESFA, issued by any Greek financial institute supervised by the ECB (systemic Banks, namely any of Alpha Bank, Eurobank, National Bank of Greece and Piraeus Bank) including their subsidiaries or any Greek branch of an internationally reputable bank with a minimum investment grade credit rating from the following Agencies: BBB at Standard and Poor's, BBB at Fitch or Baa3 at Moody's, or any internationally reputable bank with a minimum investment grade credit rating (as described above), or any subsidiary of an internationally reputable bank with a minimum investment grade credit rating (as described above), or any subsidiary of an internationally reputable bank without a minimum investment grade credit rating (or without any rating at all), provided that the Bank Guarantee is counter-guaranteed by any internationally reputable bank with a minimum investment grade credit rating (as described above); which has been approved in advance by DESFA, at its sole discretion, equal in value to 20% of the maximum annual capacity charge (based on the indicative tariff made available by DESFA, including any mandatory minimum premium) of the incremental capacity they intend to request, valid until two (2) months from the execution of the GTAs according to D.1.1.

DESFA will publish on its own website the estimated value of the annual capacity charge referred to the Incremental Capacity Project.

Binding Bids by Participants will be accepted only within the limits of the guarantees which will have been presented to DESFA according to the provisions above. By submitting a binding request to DESFA, the Participant accepts that said request will constitute an irrevocable commitment to enter a GTA with DESFA, subject to the successful outcome of the EVT.

The Binding Bid Guarantee provided to DESFA by each Participant will be returned to such Participant once:

- DESFA confirms that the Participant will not be allocated incremental capacity;
- The EVT is finally determined to be negative (in accordance with the provisions of section E6 of this Project Proposal); or

- If the Participant is allocated incremental capacity, upon the provision to DESFA of the GTA Bank Guarantee described in section E.7.

E.2 Binding Bid content

During each Binding Bidding Phase, Participants will have to submit their Binding Bids for incremental capacity products to each TSO.

Participants shall specify in each Binding Bid:

- If a Binding Bid is a **Linked Bid** as per the indications from the Binding Bid Form. In a Linked Bid the capacity requested at a TAP entry point must equal the exit capacity requested at one other IP/exit point.
- **The capacity requested (in kWh/day) per entry and exit point.** Capacity requested cannot exceed the maximum incremental capacity on offer at a particular IP, as defined in the relevant table of Section B.
- **The requested start date.**
- **End date of the bid.** Except for Annual Requests (with restrictions as noted below, and described in Section E.6), the duration cannot be less than 3 consecutive years, with the latest possible end date for capacity booking in the TAP Pipeline being 14 November 2045. For the avoidance of doubt, each Binding Bid must relate to consecutive years.
- **Indication whether capacity reduction is acceptable or not.** Participant must also indicate whether they will accept a reduction in their Capacity Allocation (and up to which amount) in the event of congestion and their bid happens to be marginal. For Linked Bids, any reduction in capacity at the IP where the Linked Bid is assessed as being marginal will result in an equal reduction in incremental capacity at the linked IP/exit point (it should be noted that bundled capacity is reduced by the same amount at both sides of the IP).

Participants may submit more than one Binding Bid. Binding Bids submitted by the same Participant may vary by IP, duration of capacity requested and capacity amount. As a basic rule, in a single Binding Bid, Participants may specify only one value of incremental capacity for all gas years requested. A Binding Bid may however indicate a ramp-up over the first two years of the period to which the Binding Bid relates, with a minimum value for the first year of 40% of capacity and 70% for the second year. Should Participants wish to profile their capacity request further, then they should submit separate Binding Bids.

A Binding Bid does not have to specify a bid price, as the price applicable to the incremental capacity for the purposes of the evaluation process shall be equal to the Reserve Price plus any mandatory minimum premium(s) where applicable. The TAP Tariff is specified according to the TAP Tariff Code. The respective annual capacity charge by SRG and DESFA, according to the provisions of the relevant tariff regulations, as approved by the respective Authorities (to be used as estimated reference price for the duration of the initial incremental capacity requests), will be published on their own websites during the Information Phase. There will be no additional auction premia charged on top of the Reference Prices (other than in relation to the Equal Marginal Bid process set out under Section E.5 below) except for Melendugno IP, where Participants, taking into account the competing constraint, will submit also an indication of the auction premia that are willing to pay and that will be considered for the ranking of their bids as described in the Annex III. Bids will have to be submitted inside the Bid Submission Window in accordance with the instructions that will be provided in the Joint Notice published by the TSOs.

By submitting a Binding Bid Form, a Participant will be deemed to have agreed to the terms and

process set out in this Project Proposal and the Joint Notice published by the TSOs, as well as with the Binding Phase Notice of each relevant TSO, including the process regarding the overall Project Proposal and the potential liability of the Participant for Termination Costs in connection with a GTA not being executed between the relevant parties or not becoming fully effective in accordance with its terms and/or the termination or modification of the Incremental Capacity Process (see further detail in sections E.1 and E.7).

E.3 Bid Evaluation

At the end of the Bid Submission Window, each TSO will assess the respective received Binding Bids for completeness and compliance with the relevant requirements set out under this Project Proposal, the Joint Notice and the Binding Phase Notice issued by each TSO (including, where capacity is being made available as bundled capacity, that equal Binding Bids have been made to each of the TSOs Concerned). Those Binding Bids that are accepted at this stage will be considered as part of the preliminary Capacity Allocation procedure of Section E.4 below. In case of rejection of a Binding Bid, the relevant TSO shall notify the relevant Participant of such rejection and the other TSOs Concerned within 5 business days from the end of the Bid Submission Window. For the avoidance of doubt, the rejecting TSO shall have no liability whatsoever to the other TSOs Concerned or any other party in connection with such rejection.

E.4 Preliminary Capacity Allocation Procedure (Bid Ranking)

The rules for preliminary Capacity Allocation of incremental capacity at all five IPs are described below. If a TSO curtails or rejects any Binding Bid at an IP where capacity is made available as bundled capacity, the bundled Binding Bid made with the other TSO Concerned will also be curtailed or rejected to the same extent.

The TSOs will undertake the actions listed below.

- For each year, the sum of Binding Bid capacity requests is computed at each IP.
- If there is no congestion at any IP, the TSOs Concerned shall undertake a preliminary Capacity Allocation and proceed with the EVT process set out in Section E.6.
- If, there is congestion at an IP and in consideration of the specific regulatory framework defined for TAP by the Authorities, Binding Bids received in relation to that IP are ranked according to the ratio of the NPV of the hypothetical revenues on the TAP system from the bid divided by the maximum annual capacity of the bid. In case of Linked Bids, the hypothetical revenues include revenues from both the TAP entry point and the other TAP exit point component of the bid. A Marginal Bid at a congested IP is allocated the remaining incremental capacity unless the Participant has explicitly declared, in its Binding Bid, non-acceptance of a capacity reduction. If the Participant of such Marginal Bid has declared non-acceptance of capacity reduction, the remaining capacity is allocated to the next Participant with a lower NPV/capacity ratio. If there is no other Participant with a lower NPV/capacity ratio, only the allocated capacity (without such Participant) will be considered in the EVT.
- In the case of two or more Equal Marginal Bids, an auction may be initiated according to Section E.5.
- If a Linked Bid happens to be a Marginal Bid or one of Equal Marginal Bids, an equal capacity reduction shall be made by the TSOs Concerned at the linked IPs/exit points.
- The outcome of the preliminary allocation process shall comprise of a table showing each Offer Level and IP showing all Binding Bids.

The timescales and the administrative details related to the bid submission process will be

specified in the Joint Notice published by the TSOs.

E.5 Allocation of Equal Marginal Bids (EMB)

Auctions will take place only at the IP(s) where there are Equal Marginal Bids.

Only Participants with Equal Marginal Bids will be involved in the auction. [For IPs where capacity is made available as bundled capacity, a single auction will take place in relation to the Binding Bids on both sides of that IP.]

The Participants with the Equal Marginal Bids shall be invited to submit up to 3 bids for the applicable marginal capacity. Each such bid shall include a capacity amount (up to a maximum of the capacity available in the auction), a revised end date of the bid (if later than the original bid) and an auction premium to be considered above the Reserve Price, which serves as a floor price in this auction.

The involved TSOs will invite Participants with equal marginal bids (**EMB Bidders**) to submit new Bids within 5 business days from the end of the Bid Submission Window. The EMB Binding Bid Form shall be submitted by such Participants within 5 business days following the invitation. The TSOs shall define the precise EMB bid submission deadline (time, date) and other requirements in its invitation sent to the EMB Bidders (the **EMB Bid Submission Deadline**).

For SRG, the EMB Bids shall be accompanied by an amendment to the First Guarantee described in Section E.1 equal to the 20% of the capacity requested multiplied by SRG new applied tariff (Reserve Price indicated in Section G.1.1 + possible premium).

For DESFA, the Bank Guarantees described in Section E.1, must be amended accordingly, and become equal to the 20% of the maximum annual capacity charge (based on the indicative tariff made available by DESFA, including any mandatory minimum premium + possible premium) of the incremental capacity that the Participants intend to request.

For TAP, if EMB Bidders happen to request additional capacity (up to the maximum level of applicable marginal capacity) to that requested in their original bid then EMB Bids shall be accompanied by a Bank Guarantee from an internationally reputable bank approved by TAP in its absolute discretion, which meets the same criteria as set out in Section E.1.

EMB Bids are evaluated by the involved TSOs within 5 business days from the EMB Bid Submission Deadline. In case of rejection of an EMB Binding Bid Form, the TSOs shall notify the relevant Participant within 5 business days from the end of the EMB Bid Submission Deadline. Accepted bids are considered in the preliminary Capacity Allocation procedure performed in line with Section E.4 of the Project Proposal.

Following this step, the involved TSOs shall calculate the NPV value of all submitted bids (for this purpose, considering the auction premium) and rank all bids according to the NPV/capacity ratio as above. If oversell of capacity reoccurs, capacity is allocated to the Participant(s) with the highest NPV/capacity ratio. The Participant(s) who submitted the Equal Marginal Bids are allocated any remaining capacity, provided that any Participant who receives capacity less than it requested can withdraw, if their original Binding Bid specified that curtailment would not be accepted.

E.6 Economic Viability Test

The Economic Viability Test (**EVT**) is carried out separately by each TSO at their side of the relevant IP.

For TAP, the EVT considers the net present value of the cost estimates and hypothetical incremental revenues, applying TAP target IRR as the discount factor (see TAP Tariff Code / Annex I of this Project Proposal for more details). For the avoidance of doubt, the EVT concerns

the TAP sides of all IPs where incremental capacity is offered. Costs concern all costs borne by TAP for the expansion of the pipeline to meet each Offer Level. Thus, revenues for the calculation of the NPV relate to incremental revenues to be collected by TAP from the application of the TAP Tariff to all incremental capacity allocated at TAP's side of all IPs.

Note that TAP reserves the right to split the capacity requested within such Binding Bids and offer capacity in stages, if doing so permits TAP to offer a portion of capacity requested by Participants in Binding Bids at an earlier date. This will mean that multiple E-CODs may occur within the same Expansion Project. This approach will avoid Participants being required to wait until TAP can accommodate the full amount of capacity requested by such Participant. Such staged capacity allocation may require more complex project development, and any resulting costs shall be factored into the final Tariff update.

The capacity thresholds provided for the Kipoi entry point and Melendugno exit point have been calculated based on flow simulations, with the assumption that all short-term obligations and new long-term bookings can be met using the full length of the TAP Pipeline. Given the large number of potential combinations of entry and exit points in TAP, hydraulic simulations may be needed to determine which expansion solution is required to accommodate a given set of bids. Further, note that the technical solution for TAP may be adjusted to be able accommodate such bid combinations.

TAP will accept bids for capacity for individual years, or for periods shorter than 3 consecutive years, (**Annual Requests**). However, any Annual Requests will not, in accordance with TAP's Tariff Code, be treated as Expansion Capacity bookings and will not be considered in the EVT to be performed in accordance with this Section E.6. However, if required to pass the EVT and at TAP's sole discretion, such bookings may be included in the EVT and further considered for the purposes of capacity allocation and TAP Tariff Code. In such a case, these bookings will no longer be considered as an Annual Request.

Annual Requests will be allocated capacity only following conclusion of the EVT and the entry into GTAs with successful Participants for the Expansion Capacity. Annual Requests will be allocated capacity to the extent that there is remaining capacity available in the relevant year up to the Offer Level implemented as part of the Incremental Capacity Project. If TAP is not able to allocate capacity to all Annual Requests in a particular year, it will allocate capacity according to a similar prioritisation procedure as described in Section E.5.

For SRG, the EVT takes into account the present value of the estimated increase in its allowed revenue multiplied by the f-factor (see Section G.1) as approved by the Italian NRA ARERA and the present value of binding commitments of Participants for contracting capacity, which is calculated as the discounted sum of the respective Reference Prices and a potential Mandatory Minimum Premium multiplied by the amount of contracted incremental capacity according to Article 22 of EU NC CAM.

For DESFA, the EVT takes into account the present value of the estimated increase in its allowed revenue multiplied by the f-factor (see Section G.2) as approved by the Greek NRA RAE and the present value of binding commitments of Participants for contracting capacity, which is calculated as the discounted sum of the respective Reference Prices and a potential Mandatory Minimum Premium multiplied by the amount of contracted incremental capacity according to Article 22 of EU NC CAM.

The following results are anticipated following each TSO carrying out their EVT:

- TAP, SRG and DESFA will each verify the EVT with the lowest Offer Level meeting the maximum amount of Binding Bids at each IP. If positive for all TSOs Concerned, capacity is allocated according to the bid ranking.
- If the EVT is negative for one of the TSOs Concerned, Binding Bids are curtailed and the lower Offer Level at the concerned IP is tested. Curtailment of Linked Bids may impact the Offer

Level to be tested at another IP. If a TSO curtails or rejects any Binding Bid at an IP where capacity is made available as bundled capacity, the bundled Binding Bid made with the other TSO Concerned will also be curtailed or rejected to the same extent.

- The process continues until a combination of Offer Levels yielding a positive EVT for the TSOs Concerned is found. The auction process under Section E.5 may need to be run prior to finalisation of incremental Capacity Allocation at a given Offer Level. If after any curtailment under point B, the bids at an IP still lead to a negative EVT for one TSO, then the process continues without those bids and the EVT for that TSO is considered as negative. In that case no capacity allocation will take place at that IP.
- If the EVT yields a negative result at all Offer Levels:
 - a. According to Section 3.3.1(d) of TAP's Tariff Code (already approved by the Authorities) in case of a negative EVT, TAP reserves its right to further investigate whether a technical solution meeting only part of the demand could result in a positive NPV and also on a reasonable efforts basis discuss with the participants from each Binding Phase any potential future changes to their respective bookings or other commercial solutions that would enable a positive NPV.
 - b. According to art. 24.4 of CAM NC if a redistribution of revenues could potentially lead to a decrease in the level of binding commitments of network users for contracting capacity required for a positive single economic test outcome, TSOs may submit to the relevant national regulatory authorities for coordinated approvals the mechanisms for a redistribution of revenues from incremental capacity
 - c. Only when after having revisited the expansion threshold and the bids, the EVT is still negative, the TSOs Concerned will promptly inform the relevant Authorities of this result. The Binding Bids received from Participants shall remain valid until the Authorities have concluded or waived the third-party verification described in Article 4.1.8 of the FJO. TAP, SRG and DESFA will inform Participants of the end of the Incremental Capacity Project.

TAP, SRG and DESFA shall jointly communicate the EVT results of the first Binding Bidding Phase to respective Participants no later than 30 January 2023, subject to – in case of TAP - the provisions of Section 3.3.1(d) of TAP's Tariff Code (already approved by the Authorities) in case of a negative EVT.

E.7 Gas Transportation Agreement (“GTA”)

Each successful Participant will be required to enter a GTA with the TSO Concerned according to the respective applicable regulatory framework in relation to the allocated capacity, as further detailed below.

In addition to the TSO-specific requirements set out below, TSOs have aligned a number of key timings and principles in the GTA process – these concern:

- Countersignature or signature of the relevant GTAs by 15 February 2023;
- The GTA(s) becoming fully effective upon a set of specific Conditions Precedent being met to the satisfaction of each TSO;
- Closing of the Incremental Capacity Project and declaring the GTAs void if the Conditions Precedent are not met or waived by respective TSOs by a longstop date of 31 December 2023.

Further details, reflecting applicable law and commercial specifics are provided, in relation to each TSO further below.

TAP

Following a positive EVT result and the ensuing allocation of capacity, **TAP will:**

- a. Continue the design of the technical solution providing the capacity of the selected Offer Level and will allow TAP to estimate the schedule and costs for the specific expansion solution with a higher degree of accuracy.⁴⁰
- b. Seek key permits required for the expansion works in the relevant host countries.
- c. Seek third party financing for the expansion works, if applicable.
- d. Countersign the GTAs that contribute to such positive EVT no later than 15 February 2023. The GTA(s) will each become fully effective upon a set of Conditions Precedent (as set out in full under the GTAs) being met to the satisfaction of TAP or otherwise waived by TAP. Such Conditions Precedent include:
 - i. FEED cost and schedule estimates have been obtained, supported by required key permits;
 - ii. TAP having been notified by the relevant Adjacent TSO that, in respect of any bundled capacity, the Participant's corresponding booking in the system of TAP's adjacent TSO is unconditional, and the relevant Participant having presented acceptable credit support as required by the GTA; and
 - iii. The most up-to-date detailed cost estimates generated by the FEED, the most recent Revised Estimated Operation Date (**REOD**) and the capacity that (from time to time) is allocated in the TAP pipeline still provide for a positive EVT. If the revised information would have led to a negative EVT, TAP will discuss with Participants the option to extend the duration of the bookings under their bid(s) until a later date up to the end of TAP's exemption.
- e. On or before countersignature of the GTA by TAP, notify each Participant that has been allocated capacity in the Expansion Project of the value of the Post-Bid Guarantee (the **Notified Value**) that such Participant is required to provide, calculated in accordance with the provisions below (see section titled "Notified Value Calculation" below). In addition to the Notified Value, the following information will be provided to each Participant:
 - i. Capacity allocated to the Participant by TAP;
 - ii. Aggregate Capacity Allocated by TAP;
 - iii. whether the Capacity will be made available to the Participant as part of a "Minimum Expansion", a "Limited Expansion", a "Partial Expansion" or a "Full Expansion".

By no later than 28th February 2023, the Participants shall each provide a bank guarantee in an amount equal to the Notified Value and with an expiry date of no earlier than 29 February 2024 (a **Post Bid Guarantee**) from an internationally reputable bank with a minimum credit rating of

⁴⁰ Note that a FEED study may also have been initiated prior to the finalisation of the EVT, at TAP's sole discretion.

BBB- at Standard and Poor's or Baa3 at Moody's, or alternatively issued by any Greek financial institute supervised by the ECB (systemic banks, namely any of Alpha Bank, Eurobank, National Bank of Greece and Piraeus Bank), which has been approved in advance by TAP in its absolute discretion.

The Post-Bid Guarantee is provided as security in respect of the Participant's obligations under and in connection with this Project Proposal and the GTA. TAP shall, subject to the Termination Cap set out below, be entitled to make a demand under the Post-Bid Guarantee at any time for any amount up to the total aggregate amount available for demand under the Post-Bid Guarantee if:

(i) at any time, the credit rating of the bank providing the Post-Bid Guarantee no longer satisfies the requirements set out above (including in respect of minimum credit rating) or if the Post-Bid Guarantee has an expiry date prior to 29 February 2024 and no renewed Post-Bid Guarantee (substantially in the same form as the Post-Bid Guarantee it is replacing and meeting the requirements set out above) has been provided no less than fifteen (15) days prior to expiry of the original Post-Bid Guarantee; or

(ii) the Participant does not make payment of its share of Termination Costs due in connection with the termination and/or non-effectiveness of its GTA (see further detail below).

If the Post-Bid Guarantee is called solely in connection with the circumstances set out in limb (i) above and if, in TAP's sole discretion, such circumstances have been adequately remedied by the issue of a renewed or new Post-Bid Guarantee or by the implementation of other arrangements satisfactory to TAP, TAP will repay to the Participant those amounts, if any, received by TAP on the calling of the Post-Bid Guarantee on account of the circumstances set out in limb (i) to the extent such sums have not been utilised by TAP in accordance with this Project Proposal.

The Post-Bid Guarantee provided to TAP by each Participant will be returned by TAP to such Participant:

- Upon the Participant's GTA becoming fully effective in accordance with its terms; or
- If the Participant's GTA is terminated, provided that such Post-Bid Guarantee shall only be returned once all of such Participant's obligations and liabilities in relation to such termination have been satisfied and discharged (see further below).

Notwithstanding the above, TAP may at its sole discretion (and to the extent agreed in advance with TAP) accept an alternative form of credit support acceptable to it in place of a Bank Guarantee. If such alternative credit support is provided, it must be provided such that it can be called on by TAP in the circumstance in which TAP would be permitted to call on the Bank Guarantee. All of TAP's rights, remedies and entitlements in connection with the Bank Guarantees (as set out this Project Proposal) shall apply equally to such alternative form of credit support.

Notified Value Calculation

The Notified Value of the Post-Bid Guarantee is calculated on the principle of TAP being able in all cases to recover Termination Costs, up to, and as a result of, a GTA being terminated in accordance with its terms, and which TAP cannot recover as part of a continued or reduced Expansion Project. As a result, it can only be calculated and notified by TAP after a positive EVT and capacity allocation has occurred since such costs will depend on whether TAP implements a Minimum Expansion Project, Limited Expansion Project, Partial Expansion Project or Full Expansion Project (see Section A2.1 above) as well as the composition of Binding Bids that are allocated capacity as part of such Expansion Project.

In order to calculate such Notified Value for the purposes of providing the Post-Bid Guarantee, TAP will utilise the following figures (each a **Termination Cost Estimate** or **TCE**):

- If a **Minimum Expansion Project** is implemented, the Termination Cost Estimate will be **51 MEUR**
- If a **Limited Expansion Project** is implemented, the Termination Cost Estimate will be **96 MEUR**
- If a **Partial Expansion Project** is implemented, the Termination Cost Estimate will be **107 MEUR**
- If a **Full Expansion Project** is implemented, the Termination Cost Estimate will be **119 MEUR**

The Notified Value shall be calculated as the greater of:

- ✓ The Participant's pro rata share (i.e. the maximum capacity allocated to the Participant divided by the total capacity allocated in the relevant Binding Phase) of the applicable Termination Cost Estimate.
- ✓ The difference between (A) the Termination Cost Estimate applicable to the level of Expansion Project selected by TAP following the initial positive EVT and (B) the Termination Cost Estimate applicable to the maximum level of Expansion Project in respect of which TAP would be able to obtain a positive EVT if the relevant Participant exited the Expansion Project.

Termination of GTAs

- a. If the Conditions Precedent are not met or waived in accordance with the terms of the Transportation Confirmation and the deadlines set out therein, TAP may, on or before the longstop date of 31 December 2023, terminate the GTAs (in each case, in accordance with the terms of the GTAs) and/or close the Incremental Capacity Project.
- b. If a Participant does not provide a Post Bid Bank Guarantee on or before 28th February 2023, TAP shall have the right to terminate the GTA with immediate effect.
- c. If the Start Date (as defined in the Transportation Confirmation) has not occurred by the date falling thirty-six (36) months after the REOD then either Party may terminate the GTA with immediate effect.
- d. A Participant may terminate the GTA up until 30 November 2023, either:
 - i. at its option; or
 - ii. in case REOD is delayed from the originally planned start date:
 1. by more than 3 months (if the Participant's capacity was allocated as part of a Minimum Expansion Project or Limited Expansion Project); or
 2. by more than 6 months (if the Participant's capacity was allocated as part of a Partial Expansion Project or Full Expansion Project).⁴¹

⁴¹It is understood that the Participants will be allowed a minimum period to exercise their option to withdraw should it be applicable.

Consequences of Withdrawal of Bid or Termination of GTA

Participants should note that Termination Costs in connection with a termination of an Expansion Project that has passed an EVT shall (subject, if relevant, to the Termination Cap) be recoverable from Participants as set out in the paragraphs below. If there are Termination Costs which TAP is unable to recover from Participants or include within a lower level of Expansion Project, TAP shall include such Termination Costs within the eventual tariff cost base used in the calculation of the EVT for future Binding Phases.

(A) Withdrawal of a Binding Bid prior to TAP countersigning the GTA or termination of the GTA after TAP countersigns the GTA but prior to Participant providing the Post-Bid Guarantee.

This paragraph (A) applies:

- I. where a Participant withdraws, voids or otherwise cancels its Binding Bid **prior to** completion of Capacity Allocation and/or TAP's countersignature of the GTA; or
 - II. **after** TAP's countersignature of the GTA but prior to provision of the Post-Bid Guarantee, if a Participant terminates its GTA at its option or does not provide the Post-Bid Guarantee on or before 28 February 2023 and TAP exercises its right to terminate the GTA.
- TAP will first re-run the EVT, excluding such Participant's Binding Bid or Allocated Capacity.
 - If the re-run EVT is negative, TAP may hold discussions with any remaining Participants as to whether any adjustments can be made to their Binding Bids or Allocated Capacity in order to retain a positive EVT for the Expansion Project.
 - In the event that TAP concludes (acting in its sole discretion):
 1. that notwithstanding any discussions it may have held with remaining Participants, the re-run EVT remains negative and/or TAP closes the Incremental Capacity Project, the withdrawing Participant shall be liable for the Termination Costs as a result of such termination or withdrawal, provided that such liability shall not exceed the withdrawing Participant's Bid Guarantee Cap. TAP shall be entitled to claim such amounts under the Bid Guarantee if such amounts are not paid by the Participant within fifteen (15) days of a written notice from TAP. In the event that the relevant Termination Costs exceed the Participant's Bid Guarantee Cap, TAP shall be entitled to claim from each remaining Participant (up to each remaining Participant's Bid Guarantee Cap) a pro-rata share of the remaining portion of Termination Costs, calculated in proportion to each Participant's maximum annual incremental capacity as a share of the total maximum annual incremental capacity allocated as part of the Expansion Project.
 2. that such re-run EVT is positive for a reduced level of Expansion Project:
 - i. the terminating or withdrawing Participant shall be liable (up to its Bid Guarantee Cap) for the Termination Costs which, as a result of such termination or withdrawal, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. TAP shall be entitled to claim such amounts up to the amount available under the Bid Guarantee in the event that such amounts are not paid by the Participant within fifteen (15) days of a written notice from TAP. In the event

that the relevant Termination Costs exceed the Participant's Bid Guarantee Cap, then provided that the EVT remains positive when accounting for such remaining portion of the Termination Costs, such costs shall remain within the cost base of the Expansion Project.

- ii. If, at the time of such termination, the Notified Value of the Post-Bid Bank Guarantees required to be provided by the Participants has been notified by TAP to the Participants:
 - a. TAP may notify the remaining Participants of a revised Notified Value, in order to reflect the reduction in the level of Expansion Project being pursued.
 - b. If any of the remaining Participants elect not to provide a Post-Bid Guarantee in an amount equal to the revised Notified Value, the GTA may be terminated by either TAP or the Participants within 15 days of notification by TAP of the initial Participant's termination. If such right is exercised and the EVT remains positive for a reduced level of Expansion Project, then all exiting Participants (including the Participant that terminated first) shall pay a pro-rata share of the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. If as a consequence of such further termination the EVT is determined by TAP to be negative, the consequences set out in limb 1 above shall apply to all Participants.
3. that the re-run EVT is positive for the same level of Expansion Project, the exiting Participant shall have no further liability to TAP, and all costs incurred by TAP as part of the Incremental Capacity Project remain with the cost base. However, if at the time of such termination, TAP had already notified the remaining Participant(s) of the Notified Value of Post-Bid Bank Guarantee(s), then any remaining Participant(s) shall be required to provide a Post-Bid Bank Guarantee(s) equal to a revised Notified Value (as notified to such Participant(s) by TAP), in order to reflect each Participant's revised pro-rata share of the applicable Termination Costs Estimate due to the initial termination.

(B) Termination of the GTA after Participant provides Post-Bid Guarantee but before 31 December 2023

(B1) If after a Participant provides the Post-Bid Guarantee:

- I. A Participant terminates the GTA at its option; or
- II. TAP terminates the GTA due to failure by the Participant to provide its GTA credit support by the applicable deadline in the GTA,

TAP shall first re-run the EVT, excluding such Participant's Allocated Capacity.

If the re-run EVT is negative, TAP may hold discussions with any remaining Participants as to whether any adjustments can be made to their Allocated Capacity in order to retain a positive EVT for the Expansion Project. In the event that TAP concludes (acting in its sole discretion):

1. that notwithstanding any discussions it may have held with remaining Participants, the re-run EVT remains negative and/or TAP closes the Incremental Capacity

Project, the relevant Participant shall be liable, up to its Termination Cap, for the Termination Costs. In the event that the relevant Termination Costs exceed the Participant's Termination Cap, TAP shall be entitled to claim from each remaining Participant (up to each remaining Participant's Termination Cap) a pro-rata share of the remaining portion of Termination Costs calculated in proportion to each Participant's maximum annual incremental capacity as a share of the total maximum annual incremental capacity allocated as part of the Expansion Project. TAP shall be entitled to claim such amounts under the Post-Bid Guarantee in the event that such amounts are not paid by the relevant Participant within fifteen (15) days of a written notice from TAP.

2. that such re-run EVT is positive for a reduced level of Expansion Project:
 - i. the relevant Participant shall be liable (up to the Termination Cap) for the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. TAP shall be entitled to claim such amounts under the relevant Participant's Post-Bid Guarantee in the event that such amounts are not paid by such Participant within fifteen (15) days of a written notice from TAP.
 - ii. The remaining Participants' Post-Bid Guarantees shall be re-sized to reflect the reduction in the level of Expansion Project being pursued.
 - iii. If any of the remaining Participants elect not to provide a resized Post-Bid Guarantee, the GTA may be terminated either by TAP or Participants within 15 days of notification by TAP of the initial Participant's termination. If such right is exercised and the EVT remains positive for a reduced level of Expansion Project, then all exiting Participants (including the Participant that terminated first) shall pay a pro-rata share of the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. If as a consequence of such further termination the EVT is finally determined by TAP to be negative, all exiting/terminating Participants (including the Participant that terminated first) shall pay a pro-rata share of the Termination Costs, up to their respective Termination Cap. In the event that any portion of the relevant Termination Costs exceeds the exiting Participants' respective Termination Caps, TAP shall be entitled to claim from each remaining Participant (up to each remaining Participant's Termination Cap) a pro-rata share of the remaining portion of Termination Costs.
3. that the re-run EVT is positive for the same level of Expansion Project, the exiting Participant shall have no further liability to TAP, and all costs incurred by TAP as part of the Incremental Capacity Project remain with the cost base. Any remaining Participant(s) shall be required to provide a revised Post-Bid Bank Guarantee(s) equal to a revised Notified Value (as notified to such Participant(s) by TAP), in order to reflect each Participant's revised pro-rata share of the applicable Termination Costs Estimate due to the initial termination.

(B2) If one or more Participants terminates the GTA in connection with a REOD notification, in accordance with the terms of the GTA, TAP shall first re-run the EVT, with the Allocated

Capacity bookings in place at the time of such termination.

If the re-run EVT is negative, TAP may hold discussions with any remaining Participants as to whether any adjustments can be made to their Allocated Capacity in order to retain a positive EVT for the Expansion Project.

In the event that TAP concludes (acting in its sole discretion):

1. that notwithstanding any discussions it may have held with remaining Participants, the re-run EVT is negative, and TAP closes the Incremental Capacity Project, each Participant shall be liable, up to its respective Termination Cap, for a pro-rata share of TAP's Termination Costs, calculated in proportion to each Participant's maximum annual incremental capacity as a share of the total maximum annual incremental capacity allocated as part of the Expansion Project. TAP shall be entitled to claim such amounts under a Participant's Post-Bid Guarantee in the event that such amounts are not paid by such Participant within fifteen (15) days of a written notice from TAP.
2. That such re-run EVT is positive for a reduced level of Expansion Project:
 - i. each Participant (including the exiting Participant) shall be liable, up to its respective Termination Cap, for a pro-rata share of the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. TAP shall be entitled to claim such amounts under a Participant's Post-Bid Guarantee in the event that such amounts are not paid by such Participant within fifteen (15) days of a written notice from TAP.
 - ii. The remaining Participant's Post-Bid Guarantees shall be re-sized to reflect the reduction in the level of Expansion Project being pursued.
 - iii. If any of the remaining Participants elect not to provide a resized Post-Bid Guarantee, the GTA may be terminated by either TAP or the Participants within 15 days of notification by TAP of the initial Participant's termination. If such right is exercised and the EVT remains positive for a reduced level of Expansion Project, then all exiting Participants (including the Participant that terminated first) shall pay a pro-rata share of the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. If as a consequence of such further termination the EVT is determined by TAP to be negative, the consequences set out in limb 1 above shall apply to all Participants.
3. that the re-run EVT is positive for the same level of Expansion Project, the exiting Participant shall have no further liability to TAP, and all costs incurred by TAP as part of the Incremental Capacity Project remain with the cost base. Any remaining Participant(s) shall be required to provide a revised Post-Bid Bank Guarantee(s) equal to a revised Notified Value (as notified to such Participant(s) by TAP), in order to reflect each Participant's revised pro-rata share of the applicable Termination Costs Estimate due to the initial termination.

(B3) If the EVT no longer yields a positive EVT result having accounted for updated FEED cost estimates and the capacity bookings which are still in effect from time to time, TAP may hold discussions with Participants as to whether any adjustments can be made to their Allocated Capacity in order to retain a positive EVT for the Expansion Project.

If TAP concludes (acting in its sole discretion):

1. that notwithstanding any discussions it may have held with remaining Participants, the re-run EVT is negative, and TAP closes the Incremental Capacity Project and terminates the GTAs, each Participant shall be liable, up to its respective Termination Cap, for a pro-rata share of TAP's Termination Costs, calculated in proportion to each Participant's maximum annual incremental capacity as a share of the total maximum annual incremental capacity allocated as part of the Expansion Project. TAP shall be entitled to claim such amounts under the Post-Bid Guarantee in the event that such amounts are not paid by the Participant within fifteen (15) days of a written notice from TAP.
2. That following discussions held by TAP with Participants, a positive EVT can be obtained for a reduced level of Expansion Project:
 - i. each Participant shall be liable, up to its respective Termination Cap, for a pro-rata share of the Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. TAP shall be entitled to claim such amounts under the Post-Bid Guarantee in the event that such amounts are not paid by the Participant within fifteen (15) days of a written notice from TAP.
 - ii. The remaining Participant's Post-Bid Guarantees shall be re-sized to reflect the reduction in the level of Expansion Project being pursued.
 - iii. If any of the remaining Participants elect not to provide a resized Post-Bid Guarantee, the GTA can be terminated by either TAP or the Participants within 15 days of notification by TAP of the initial Participant's termination. If such right is exercised and the EVT remains positive for a reduced level of Expansion Project then all Participants shall each pay a pro-rata share of the resulting Termination Costs which, as a result of such termination, TAP determines (in its sole discretion) that it is unable to recover as part of such reduced level of Expansion Project. If as a consequence of such further termination the EVT is determined by TAP to be negative, the consequences set out in limb 1 above shall apply to all Participants.

Termination Costs Cap

In no case shall the maximum amount that TAP can claim from a Participant in connection with a termination which occurs under this paragraph (B) exceed the "**Termination Cap**", which in each case shall be equal to the percentage of the Notified Value of each Participant's Bid Guarantee (depending on the level of Expansion Project and when such termination takes place) applicable to the relevant Participant, as set out below:

	Covered by Post-Bid Guarantee from Participant (percentage of Notified Value of each Participant's Post-Bid Guarantee that TAP can claim in connection with termination from the relevant Participant)			
	Termination occurs no later than 30 April 2023	Termination occurs between 1 May and 30 June 2023	Termination occurs between 1 July 2023 and 31 August 2023	Termination occurs between 1 September 2023 and 31 December 2023

Minimum	65 %	75 %	90 %	100%
Limited	55 %	70 %	85 %	100%
Partial				100%
Full				100%

Furthermore, and notwithstanding anything to the contrary in this Project Proposal, TAP shall not be entitled to recover in aggregate from the Participants any amount in excess of the corresponding percentage (set out above) of the applicable TCE depending on the level of Expansion Project being implemented.

SRG

In the event of a positive EVT, the Participant is bound to the commitments expressed in relation to the successful Offer Level. SRG will countersign the GTA within 15 February 2023.

It is intended that the final positive outcome of the EVT leading to the realization of the Incremental Capacity Project is subject to the subscription to the relevant GTA(s) by all Participant(s) with successful binding commitments.

The GTA(s) will each become effective upon a Condition Precedent being met to the satisfaction of SRG namely the relevant GTAs between the Participant and all TSOs Concerned have become effective.

If the condition is not met or waived by SRG and the Participant by a longstop date of 31 December 2023, SRG will void the relevant GTAs.

It is understood that in the case of any potential prolongation of the commitment under the GTA to a maximum of 20 years, if required as described above in paragraph E.7 IV c), the GTA between the successful Participant and SRG will be amended accordingly.

As a requirement under the relevant GTA, the Participant shall present to SRG, by 15th February 2023, the "Contract Guarantees": two Bank Guarantees, cashable at first request, issued by an Italian financial institute or Italian insurance company or Italian branch of a foreign bank or foreign insurance company with a minimum credit rating of BBB- at Standard and Poor's or Fitch Ratings, Baa3 at Moody's or BBB low at DBRS or non-interest-bearing security deposits, respectively equal in value to the amount required in SRG Network Code (Chapter 5 Paragraph 1.3.4 and 1.3.5). It is understood that in case of any amendment of the GTA according to the conditions described above, the Contract Guarantees will have to be amended accordingly.

The Contract Guarantees shall remain valid for the entire duration of the relevant GTA, with an expiry date at the end of the sixth month following the end of the relevant GTA.

Once the Contract Guarantees described here above will be presented to SRG, the First Guarantee equal to 20% of the maximum annual capacity charge, indicated in Section E.1, will be returned.

In the event of a positive EVT, if the Participant does not issue the Contract Guarantees above described in this Section (SRG Network Code Chapter 5 Paragraph 1.3.4 and 1.3.5), it shall pay a fee to SRG equal to the value of the First Guarantee described in Section E.1. SRG and the contract will be void

If the GTAs do not become effective, as provided in this Section E.7., SRG will invoice to the relevant Participant a fee equal to the amount of the First Guarantee presented. The guarantee will be returned to the Participant after the fulfilment of the payment. Following the execution of the GTA, the Participant shall be required to pay to SRG all the applicable transmission charges with start date from the date the capacity is made available and for full duration of the GTA.

In the case that a Participant does not issue the Contract Guarantees or in case SRG will void the GTAs resulting in a negative EVT for the remaining Participants, SRG will first re-run the EVT, excluding such Participant's Binding Bid or Allocated Capacity.

If the re-run EVT is negative, SRG may hold discussions with any remaining Participant as to whether any adjustments can be made to their Binding Bids or Allocated Capacity in order to retain a positive EVT for the Expansion Project.

If SRG concludes that notwithstanding any discussions it may have held with remaining Participants, the re-run EVT is negative, and SRG closes the Incremental Capacity Project and terminates the GTAs.

DESFA

In case of a positive EVT, each Participant is bound to the commitments expressed in relation to the successful Offer Level.

DESFA will send to the Participant(s) that have been allocated capacity the GTA, which must be returned to DESFA, signed by the Participant no later than 15 February 2023.

With a GTA, only capacity in one direction is allocated to a Participant. In case that capacity must be allocated in more than one direction to a Participant, then separate GTAs must be executed.

It is intended that the final positive outcome of the EVT leading to the realization of the Incremental Capacity Project is subject to the execution of the GTA(s) by all the Participants(s) with successful binding commitments.

The signed by both parties (DESFA and the Participant) GTA(s) will each become fully effective upon a set of Conditions Precedent being met to the satisfaction of DESFA, including:

- DESFA's relevant part of the Project (meaning the part of the Project that is necessary for the offer of incremental capacity in the respective direction of flow, either from TAP towards DESFA, or the opposite), as described in A.2 (DESFA section), has been unconditionally included in DESFA's latest approved TYNDP and DESFA has proceeded with an FID by 31 December 2023 (Long Stop Date).
- The relevant GTAs between the Participant and all TSOs Concerned (TAP and DESFA, in case of Nea Mesimvria IP) have become fully effective by the Long Stop Date
- Other TSOs Concerned (TAP in case of Nea Mesimvria IP) have decided to proceed with the Incremental Capacity Project, due to the fact that their specific Conditions Precedent, as described in the Project Proposal have been met or waived and have notified DESFA by the Long Stop Date.
- DESFA's updated estimations for the cost of the Project, which will be based on the detailed design that will follow the Capacity Allocation, will not alter the result of a positive EVT.

If the Conditions Precedent are not met or waived by DESFA by 31 December 2023, DESFA may close the Incremental Capacity Project and void the GTAs and return the GTA Bank Guarantee to the Participant.

It is understood that in case of any potential prolongation of the commitment as described above in paragraph E.7 (TAP section, case d iii), and only in case of an initial positive EVT for DESFA, the GTA between the Participant and DESFA will be amended accordingly, if possible.

The Participant shall present to DESFA 5 days before GTA execution the required Bank Guarantee (GTA Bank Guarantee), cashable at first request, issued by any Greek financial

institute supervised by the ECB (systemic Banks, namely any of Alpha Bank, Eurobank, National Bank of Greece and Piraeus Bank) including their subsidiaries or any Greek branch of an internationally reputable bank with a minimum investment grade credit rating from the following Agencies: BBB at Standard and Poor's, BBB at Fitch or Baa3 at Moody's, or any internationally reputable bank with a minimum investment grade credit rating (as described above), or any subsidiary of an internationally reputable bank with a minimum investment grade credit rating (as described above), or any subsidiary of an internationally reputable bank without a minimum investment grade credit rating (or without any rating at all), provided that the Bank Guarantee is counter-guaranteed by any internationally reputable bank with a minimum investment grade credit rating (as described above); which has been approved in advance by DESFA, at its sole discretion. The GTA Bank Guarantee shall be equal to the maximum annual capacity charge for the capacity allocated to that Participant. Once the GTA Bank Guarantee described here above is presented to DESFA, the Bank Guarantee indicated in Sections E.1 and E.5, will be returned. It is understood that in case of any prolongation of the GTA according to the conditions described above due to paragraph E.7 (TAP section, case d iii), the Bank Guarantees will be required to be amended accordingly by the relevant Participants.

The GTA Bank Guarantee shall have a duration and shall remain valid until the end of the sixth month succeeding the end of the first year of the transportation services provided to that Participant in relation to the capacity allocated to the said Participant within the framework of the incremental capacity process. One (1) month before the E-COD for DESFA at Nea Mesimvria, the Participant shall present to DESFA the guarantee required according to the relevant provisions of the NNGS Standard Transmission Agreement (Government Gazette B 4802/30.10.2020) and Chapter 3A of the Greek NNGS Network Code (Government Gazette B 4269/11.08.2022) for the capacity allocated to that Participant in the context of the Incremental Capacity Process. For the capacity allocated to that Participant in the context of the Incremental Capacity Process the guarantee under the NNGS Transmission Agreement is calculated as per article 21H of the Greek NNGS Network Code. For the avoidance of any doubt, all other Participant's obligations should be fulfilled pursuant to the relevant provisions of the aforementioned NNGS Network Code and the NNGS Transmission Agreement, as applicable from time to time.

The Participant has the right to request the reduction of its GTA Bank Guarantee up to the amount corresponding to the part of the guarantee provided for the capacity booked under the NNGS Transmission Agreement. No later than six (6) months after the end of the first year of the transportation services provided to that Participant, and only if said Participant has duly and timely paid the charges invoiced by DESFA for that year, the GTA Bank Guarantee shall be returned to the Participant.

In the event of a positive EVT, if the successful Participant does not issue the GTA Bank Guarantee or does not execute the GTA it shall pay a penalty to DESFA equal to the value of the Binding Bid Bank Guarantee described in Sections E.1. and E.5 DESFA.

If the GTAs do not become effective, as provided for in this Section, DESFA will allocate the actual costs incurred by DESFA for the Incremental Capacity Process up to that point to each Participant with a GTA, pro rata to the amount of their GTA Bank Guarantees described in Sections E.1 and E.5. The GTA Bank Guarantee will be returned after such actual costs have been settled.

Following the execution of the GTA, the Participant shall be required to pay to DESFA all the applicable transmission charges with start date from the date the capacity is made available and for full duration for which capacity has been allocated to that Participant, in accordance with the terms of the GTA.

E.8 Project progress, lack of permits, delays in making available transportation capacity

SRG, TAP and DESFA will share with the relevant Participants the progress of the Incremental Capacity Project.

By signing the GTA, the Participant shall be deemed to have accepted that, if the authorizations, permissions, easements, and any other relevant land rights necessary for the construction phase of the project are not obtained or delayed, then the execution times for the implementation of the Incremental Capacity Project will be considered correspondingly extended, and TSOs shall have no liability to any Participant in connection with such delays, other than what may be set out in the GTA.

E.9 Force Majeure

Force Majeure conditions of the different TSOs are defined in their respective contractual provisions as indicated below.

TAP

Force Majeure provisions will be set out in the TAP GTA.

SRG

With reference to "Force Majeure", the conditions defined in SRG Network Code chapter 19.4 apply.

DESFA

"Force Majeure" for the DESFA part of the project is defined in art. 104 of the Greek Network Code (Government Gazette B4269/11.08.2022).

E.10 Element IND and RP for fixed price approach (Art. 28 (1) lit. g NC CAM)**TAP**

Based on the specific TAP regulatory framework, this section is not applicable to TAP.

SRG

To be consistent with the tariff regulatory framework in place, SRG proposes to apply floating applicable prices derived from its reference price methodology also to the incremental capacity. SRG is therefore not considering the adoption of a fixed price approach and consequently elements IND and RP foreseen by Regulation 2017/460 are not relevant.

DESFA

To be consistent with the tariff regulatory framework in place, DESFA proposes to apply floating applicable payable price derived from its reference price methodology also to incremental capacity. DESFA is therefore not considering the adoption of a fixed price approach and consequently elements IND and RP foreseen by Regulation 2017/460 are not relevant.

G. Economic Test Parameters (Art. 28 (1) lit.d CAM NC)

This chapter describes the TSOs proposal for the level of the user commitments (f-factor) to be considered in the execution of the EVT envisaged in articles 22 and 24 of the Regulation 2017/459 (NC CAM).

TAP

Based on the specific TAP regulatory framework, this section is not applicable to TAP. A short description of TAP's tariff methodology as well as the tariffs that will apply to TAP's Economic Viability Test can be found in Annex I.

SRG and DESFA

The final proposal by the TSOs on the level of f-factor(s) is comprised within this Project Proposal.

The f-factors used to perform the economic test will be finally approved by the Italian and Greek Authorities according to article 28 NC CAM.

G.1 Economic test parameter for SRG

G.1.1 Reference Price (Art. 22(1) lit. a (i) NC CAM)

Consistently with the current tariff regulatory framework, SRG considers applying a floating reference price. For the purpose of the economic test this has been estimated equal to:

- 2.247812 €/year/Smc/day equivalent to 0.20244374€/year/kWh/day for Offer level 1 in the first year of expected operation;
- 2.203111 €/year/Smc/day equivalent to 0.19841785 €/year/kWh/day for Offer level 2 in the first year of expected operation;
- 2.144981 €/year/Smc/day equivalent to 0.19318251 €/year/kWh/day for Offer level 3 in the first year of expected operation;

For the sole economic test purposes, the above reference prices for each Offer level are assumed to be yearly updated in the years of the period to which the capacity booking requests of this incremental capacity allocation process are concerned according to the inflation index considered in the WACC currently applied to SRG.

For the avoidance of doubt, the reference price to be effectively applied will be finally determined according to the provisions of the regulatory framework in place at the time the transmission service will be provided and considering the actual costs incurred by the TSO.

G.1.2 Mandatory minimum premium (Art. 22 (1) lit. a(ii) NC CAM)

No mandatory premium is envisaged.

G.1.3 Present value of estimated increase in allowed revenue (Art. 22 (1) lit. b NC CAM)

Since to deliver the Offer Levels included in this document the already existing infrastructures on Snam Rete Gas side would be enough and no additional investments are needed this section is not relevant.

G.1.4 F-factor (Art. 22 (1) lit.c NC CAM)

Offer Level 1, Offer Level 2 and Offer Level 3

For the same reasons as in the previous paragraph, the levels of user commitments (f-factor) for the individual EVT on the Italian side are not relevant.

G.2 Economic test parameter for DESFA - G.2.1 Reference Price (Art. 22(1) lit. a No. i NC

CAM)

The tariffs for the allocated capacity shall be governed by the principles and methodology detailed in the Greek Tariff Regulation as in force at any given time. Consistently with the current tariff regulatory framework, DESFA considers applying a floating reference price.

For indicative purposes, the tariff for the current regulatory period for long term bookings at Nea Mesimvria, in the direction from DESFA System towards TAP, according to the applicable tariff regulation, as in force at the time of publication of these guidelines is equal to 4,1717691 €/kWh/h/y without taking into account any regulatory adjustment provisioned in the applicable Tariff Regulation.

For indicative purposes, the tariff for the current regulatory period for long term bookings at Nea Mesimvria, in the direction from TAP towards DESFA System, according to the applicable tariff regulation, as in force at the time of publication of these guidelines is equal to 4,1717691 €/kWh/h/y without taking into account any regulatory adjustment provisioned in the applicable Tariff Regulation. The inclusion of the Project of the Offer Level 1 in DESFA's RAB will lead to an estimated tariff equal to 6,5026495 €/kWh/h/y being the Reference Price for DESFA's calculations for the EVT. The inclusion of the Project of the Offer Level 2 in DESFA's RAB will lead to an estimated tariff equal to 6,7453902 €/kWh/h/y being the Reference Price for DESFA's calculations for the EVT but also used in the calculation of guarantees required by DESFA.

For the avoidance of doubts, in all cases, the reference price effectively applied will be finally determined according to the provisions of the regulatory framework in place at the time of the transmission service and considering the actual costs incurred by the TSO.

G.2.1 Mandatory minimum premium (Art. 22 (1) lit. a. No. ii NC CAM)

For the Offer Level in the direction from DESFA System towards TAP no mandatory premium is envisaged.

For Offer Level 1 in the direction from TAP towards DESFA System the mandatory minimum premium is equal to 0.131€/kwh/day/year (3.144 €/kwh/h/yr).

For Offer Level 2 in the direction from TAP towards DESFA System the mandatory minimum premium is equal to 0.08€/kwh/day/year (1.920 €/kwh/h/yr).

G.2.2 Present value of estimated increase in allowed revenue (Art. 22 (1) lit. b NC CAM)

The present value of the estimated increase of the allowed revenues associated to the investments for Offer level 1 in the direction from TAP towards DESFA System is estimated to approximately 93,452,093€.

The present value of the estimated increase of the allowed revenues associated to the investments for Offer level 2 in the direction from TAP towards DESFA System is estimated to approximately 156,097,820€.

G.2.3 F-factor (Art. 22 (1) lit.c NC CAM)

The level of user commitments (f-factor) for the individual EVT on the Greek side of the IP Nea Mesimvria for the Offer Level in the direction from DESFA System towards TAP is not relevant.

The level of user commitments (f-factor) for the individual EVT on the Greek side of the IP Nea Mesimvria for Offer Level 1 in the direction from TAP towards DESFA System is equal to 0.75.

The level of user commitments (f-factor) for the individual EVT on the Greek side of the IP Nea Mesimvria for Offer Level 2 in the direction from TAP towards DESFA System is equal to 0.75.

H. Additional demand Indication

By the publication date of this document no further demand indications have been received after the deadline of the non-binding phase for incremental transmission capacity.

H.1 Contact information

Marija Savova

Head of Commercial
Trans Adriatic Pipeline AG
Lindenstrasse 2
6340 Baar, Switzerland

www.tap-ag.com

market.test@tap-ag.com

Alessandro Mora

Manager of Interconnection
Agreements
20097 San Donato Milanese,
Italy

www.snam.it

ipa@snam.it

Georgios Doumouras

System Access Department

Dimitrios Skouras

Head of Contracts &
Customer Operations
Department

357-359 Messogion Ave.,

Athens, 15231

Greece

www.desfa.gr

market-test@desfa.gr



Annex I - TAP Specific Provisions

This Annex is for information purposes only. It provides readers with a further insight on the specific regulatory framework of TAP. For more information, readers are referred to the FJO⁴² and the TAP Tariff Code⁴³.

TAP Regulatory Framework

The exemption from regulated tariffs and ownership unbundling, granted to TAP by the Authorities applies to TAP's Expansion Capacity offered in connection with this document. Incremental capacity in TAP is open to third party access (i.e. the rules as set by the EU NC CAM) to the extent they do not conflict with the FJO (as per Paragraph 4.6 of the FJO) and consequent tailor-made regulatory framework.

An amount of 10% of the actually built Expansion Capacity is set aside and offered as Forward Firm Short-Term Capacity according to Paragraph 4.1.10 of the FJO.

Key concepts of TAP Tariff code

Clause 3.3.1 of the TAP Tariff Code specifies the EVT that TAP will conduct to decide on incremental capacity. The methodology for the EVT is as follows:

- I. Cost estimates⁴⁴ are evaluated for each Offer Level in the Incremental Capacity Project by taking into account capital, operational expenditures and working capital.
- II. The incremental revenue is calculated as the sum of the product of the currently applicable TAP Tariff (prior to the expansion) and the capacity requests submitted in each Binding Phase, for all years during which capacity products are offered.⁴⁵
- III. The net present value ("NPV") of cost estimates and incremental revenues (items (a) and (b) above) is evaluated by applying the TAP target IRR as the discount factor.

After passing the EVT, the recalculation of the TAP Target Revenue and the TAP Tariff to be applied from the beginning of the Expansion Recovery Period is done by applying as a boundary condition that TAP Tariffs do not increase from their pre-expansion levels⁴⁶. Thus, an EVT with a zero NPV implies that unit tariffs do not change compared to the situation prior to the Incremental Capacity Process. An EVT with a positive NPV leads to a reduction in TAP Tariffs⁴⁷. In the case of a negative NPV, the TAP Tariff Code calls for TAP to investigate alternative (technical) solution(s) meeting only part of the demand. This requirement of the TAP Tariff Code has been implemented in Section E.6 where TSOs consider a lower Offer Level in case of a negative EVT.

If negative NPV values are still calculated, even in cases of alternative solutions as above, then the EVT is considered as failed⁴⁸. This requirement is also implemented in Section E.6.

There are two main differences between the EVT of TAP and the EVT of Article 22 of EU NC CAM.

1. In EU NC CAM incremental revenues are calculated by taking into account a potential auction premium and a potential Mandatory Minimum Premium. Binding commitments typically include an inherent willingness of interested parties to pay ("WTP") for the capacity increase. WTP is expressed through incremental capacity auctions (including the standard ascending clock auctions of Article 17). This is not the case with TAP. Under TAP's the incremental

⁴² [2019 Market test > Trans Adriatic Pipeline \(TAP\) \(tap-ag.com\)](#)

⁴³ [2019 Market test > Trans Adriatic Pipeline \(TAP\) \(tap-ag.com\)](#), approved in November 2013 by the Italian, Greek and Albanian National Regulatory Authorities. A subsequent amendment was approved in July 2018.

⁴⁴ Clause 3.3.1(c) of the TAP Tariff Code.

⁴⁵ Clause 3.3.1(b) of the TAP Tariff Code.

⁴⁶ Clause 3.3.3(b) of the TAP Tariff Code.

⁴⁷ Reduction refers to current tariff levels without considering the TAP Target Revenue escalation due to inflation as per Clause 2.1 of the TAP Tariff Code.

⁴⁸ Clause 3.3.1(d) of the TAP Tariff Code.

process, Participants submit binding commitments that express a willingness to reserve a certain amount of capacity over a certain period of time. The resulting unit tariffs will be the same for all allocated Participants (and also TAP's current shippers). Allocation in case of congestion takes place through ranking of bids by the ratio of the NPV of the capacity request over the annual capacity requested.⁴⁹ This is core to the TAP business model. An auction for TAP is only foreseen for a very specific case of congestion (Allocation of Equal Marginal Bids, Section E.5).

2. EU NC CAM allows for the socialisation of part of the cost of the expansion to the remaining users of a transmission system (this is through the f-factor of Article 22 of EU NC CAM). For TAP the risk of expansion is borne solely by TAP.

TAP Tariff Methodology

This Section highlights only the main elements of tariff regulation. Readers are referred to the TAP Tariff Code for a full description.

The TAP tariff is an amount in EUR/kWh/Gas Day/Gas Year. The breakdown between the Target Revenue allocated to the entry point of Kipoi and the TAP Target Revenue allocated to all exit points is 50/50. The level of the exit tariff depends on the distance of each IP from TAP's entry point at Kipoi.

The TAP Target Revenue has been updated annually from 2016, according to the formula in Clause 2.1 of the TAP Tariff Code, to ensure an escalation of tariffs at the start of each calendar year. The escalation is a function of the Euro area HICP⁵⁰ and of the respective inflation indices of Greece, Italy and Albania. Tariffs for incremental capacity are determined in accordance to a model (the "Tariff Calculation Model") developed by TAP, which is based on a discounted cash flow methodology that calculates the TAP Target Revenue. The methodology for recalculating Target Revenue and tariffs upon expansion is specified in Clause 3.3.3 of the TAP Tariff Code.

As a short summary, a key provision is that unit tariffs will never increase as a consequence of an expansion. In case of bookings underpinning an expansion having an end date prior to the expiry of the TAP's exemption, this means that TAP Target Revenue will be reprofiled to ensure that unit tariffs do not increase when FFLT capacity bookings tail off. Further, this means that TAP carries the risk of actual costs increasing beyond what would have given a positive EVT, as such cost increases cannot be reflected in the tariff.

Tariffs applicable for the Economic Viability Test of TAP

The tariffs that will be used for the purposes of the Economic Viability Test are the tariffs as published on TAP's website for calendar year 2022 and reproduced in the table below, also including the exit points of Korca and Fier. The tariffs will be escalated in accordance with TAP's tariff methodology as described above, assuming projected inflation of 2% per annum for future periods applying both to costs and as input to the tariff escalation formula, as indicated in Clause 2.1 of the TAP Tariff Code.

IP	TAP Tariff for Forward Firm Long Term and Annual Products
	EURO / kWh / Day / Year
Entry Kipoi	1.075158
Entry Nea Mesimvria	1.075158

⁴⁹ Clause 3.3.1(c) and (e) of the TAP Tariff Code.

⁵⁰ "Harmonised Indices of Consumer Prices" as defined in the Regulation (EU) 2016/792 of the European Parliament and of the Council of 11 May 2016.

IP	TAP Tariff for Forward Firm Long Term and Annual Products
	EURO / KWh / Day / Year
Entry Fier	1.075158
Exit Komotini	0.124741
Exit Nea Mesimvria	0.514061
Exit Kucove	1.010767
Exit Relievi Roskovec	1.034614
Exit Fier	1.069045
Exit Melendugno	1.237953

Annex II – Definitions and Abbreviations

This Annex contains definitions and abbreviations used in this document

This section lists key definitions used in this document.

List of key definitions used in this document

- a) **Alternative Allocation Mechanism** or **AAM** as *[defined in art 30 EU NC CAM]*.
- b) **Annual Requests** means the bids for capacity for a period shorter than 3 consecutive years and that may be for individual gas years or other durations.
- c) **Applicant** means the interested party that registers to the Binding Phase according to Section E.1.
- d) **Authorities, National Regulatory Authorities or NRAs** means the National Energy Regulatory Authorities of Italy ('ARERA'), Greece ('RAE') and Albania ('ERE').
- e) **Bank Guarantee** means the on-demand bank guarantees in a form acceptable to each TSO which are required to be submitted to each TSO in order to participate in each Binding Phase (including to participate in the Equal Marginal Bids process in accordance with Section E.5) and to enter into a GTA, which:
 - in respect of a bank guarantee to be submitted to TAP, meet the requirements set out under par. E.1(TAP) and may be either a Bid Guarantee or a Post-Bid Guarantee; and
 - in respect of a bank guarantee to be submitted to SRG, meet the requirements set out under par. E.1(SRG) and in par. E.7.(SRG).
 - in respect of a bank guarantee to be submitted to DESFA, meet the requirements set out under par.E.1 (DESFA) and in par E.7.(DESFA).
- f) **Bid Guarantee** has the meaning given to it in Section E.1.
- g) **Bid Guarantee Cap** means, in relation to each Participant, an amount equal to the value of such Participant's Bid Guarantee.
- h) **Bid Submission Window** means the period during which Participants may submit a Binding Bid.
- i) **Binding Bid** means a bid submitted by a Participant during each Binding Bidding Phase.
- j) **Binding Bid Form** – the form to be filled out by the Participant in order to participate in the Binding Bidding Phase of the 2021 Market Test.
- k) **Binding Bidding Phase** means each final phase of the Incremental Capacity Process whereby interested parties can submit Binding Bids to TAP, SRG and DESFA in accordance with Section E and during which TAP, SRG and DESFA will perform the Economic Viability Test and will proceed to Capacity Allocation.
- l) **Binding Phase(s)** means each general phase of the Incremental Capacity Process which is composed of an Information Phase and a Binding Bidding Phase and could include both the first Binding Phase, and (if applicable) the second Binding Phase.
- m) **Binding Phase Registration Form** means the forms attached to the Joint Notice, in each TSO's section, to be used by Applicants for their registration to each Binding Phase by which Participants will declare acceptance of the conditions set by TSOs.
- n) **Business Days** shall mean any calendar day, but not a Saturday, Sunday, or a public holiday either in Italy or Switzerland.
- o) **Capacity Allocation** means allocated capacity to the successful Participants after the

positive outcome of a Binding Bidding Phase and EVT.

- p) **Capacity Caps** means the pro-competitive measures for the Italian, Greek and Albanian market as set out in as imposed by Sections 4.7.3, 4.7.6 and 4.7.9 of the FJO.
- q) **Condition(s) Precedent** means the events or actions that must be completed (or otherwise waived) before the GTA(s) become fully effective pursuant to the terms of the relevant GTA(s), as required by each TSO in their respective sub-section of Section E.7.
- r) **Connection Request** means a binding and/or non-binding request to TAP from an interested party to build a new entry and/or exit point in Albania or Greece and/or to increase the technical capacity of an already existing entry and/or exit point in Albania, in accordance with Sections 4.7.5, 4.7.7 and 4.7.8 FJO.
- s) **Coordinated Design Phase** means the design phase *[defined in Article 27 of EU NC CAM]*.
- t) **CRF means** commercial reverse flow.
- u) **Demand Assessment Report or DAR** means the report published jointly by TAP, SRG and DESFA on 25 October 2021 *[defined in Article 26 of EU NC CAM]*.
- v) **Economic Viability Test or EVT** means a test applied to assess the economic viability of the Incremental Capacity Project.
- w) **Energy Community Treaty** means the treaty establishing the Energy Community signed in October 2005.
- x) **Estimated Operation Date** has the meaning given to it in the Transportation Confirmation.
- y) **Expansion Capacity** means capacity in the TAP Transportation System made available in addition to Initial Capacity, up to 10 BCMA.
- z) **Expansion Project** means a project to expand TAP's capacity in TAP's existing entry and/or exit points or to establish new entry and/or exit points on the TAP transportation system, in accordance with the FJO, the CAM NC and TAP's Tariff Code and includes a Minimum Expansion Project, Limited Expansion Project, Partial Expansion Project and/or Full Expansion Project.
- aa) **Expansion Recovery Period** means, in respect of any Expansion, the period starting on the day on which the relevant Expansion first becomes commercially operational and ending on the earlier of (a) the day on which the gas transportation agreements regarding the relevant Expansion Capacity expire, and, if such gas transportation agreements expire on different days, on the day of expiry which falls last in time and (b) the day falling 25 years after the first day of such period *[defined in the TAP Tariff Code]*.
- bb) **Equal Marginal Bids** means the bids that have the same ratio of NPV of incremental revenues from each binding request per unit of annual capacity requested and the available capacity at the Offer Level is not enough to meet capacity requested.
- cc) **Equal Marginal Bids process** – process for the allocation of marginal capacity as described at Section E.5 of the Project Proposal.
- dd) **Equal Marginal Bids Binding Bid Form or EMB Binding Bid Form** means the form which is required to be submitted in accordance with Section E.5 of the Project Proposal.
- ee) **Expansion Commercial Operation Date (E-COD)** means the commercial operation date of the incremental capacity realised following a positive EVT.
- ff) **Final Joint Opinion or FJO** means the Final Joint Opinion of the Italian, Albanian and Greek energy regulators on TAP AG's Exemption Application, issued on June 6, 2013.

- gg) Forward Firm Long-Term Capacity, FF, Forward Firm, or FFLT Capacity** means Capacity Products for transportation capacity booked by reference to one or more Interconnection Points for the forward transportation of natural gas, and which the Transporter is not permitted to interrupt except for planned maintenance, capacity restrictions or a force majeure.
- hh) FEED** means front end engineering and design.
- ii) Full Expansion Project** means the expansion project described in paragraph (d) under Section A.2 above.
- jj) GTA or Gas Transportation Agreement** shall have the meaning given to it in the Transportation Confirmation.
- kk) GTA Bank Guarantee** has the meaning given to it in Section E.7.
- ll) Guidelines** means the Guidelines for the 2021 Market Test of Trans Adriatic Pipeline, approved by the Authorities in 2021. The Guidelines set out how TAP will perform the Market Test launched in 2021, with a view to offer all interested parties Expansion Capacity up to the Total Capacity of the pipeline as per Paragraph 4.1.7 of the FJO and to accommodate Connection Requests.⁵¹
- mm) Incremental Capacity Process** means the current process to assess market demand for incremental capacity along TAP route, including the interconnection points of Nea Mesimvria and Melendugno with DESFA and SRG *[established according to EU NC CAM]*.
- nn) Incremental Capacity Project** means the project described in this document aiming to increase the amount of technical capacity at the Interconnection Points along TAP route with Adjacent TSOs *[defined in art 3 (9) EU NC CAM]*. This concerns the project to increase the amount of technical capacity following the demand assessments performed by TAP, SRG and DESFA.
- oo) Information Phase** has the meaning given to it in Section D.1.
- pp) Initial Capacity** means the 10 bcm/year of initial capacity in the TAP pipeline.
- qq) Interconnection Points (IPs)** means the entry and exit points along TAP route *[referred in art 2 EU NC CAM]*.
- rr) Joint Notice** means the notice jointly published by the TSOs Concerned according to Art. 28.3 CAM NC at the start of the Information Phase.
- ss) Linked Bid** means a bid where the participant has indicated that its binding request at a TAP entry point is subject to allocation of an equal amount of capacity and duration at a second IP/exit point *[referred in art 30 (3a) EU NC CAM]*.
- tt) Limited Expansion Project** means the expansion project described in paragraph (b) under Section A.2 above.
- uu) Marginal Bid** means a bid where capacity cannot be met by TSOs Concerned at one Offer Level. This bid is the immediate lowest NPV/capacity ratio bid following all other bids where requested capacity has been allocated in full.
- vv) Mandatory Minimum Premium** means an additional amount added on the Reference Price applicable to SRG and DESFA to ensure a positive EVT *[according to Article 33 of EU NC*

⁵¹ For avoidance of doubt, these Guidelines for the 2021 Market Test of Trans Adriatic Pipeline are distinct from the guidelines for TAP's first market test, jointly approved by the Authorities in April 2012, as referenced in the FJO.

TAR].

- ww) Member State** means a member state of the European Union.
- xx) Minimum Expansion Project** means the expansion project described in paragraph (a) under Section A.2 above.
- yy) Offer Level** means the respective level of incremental capacity offered for each of the yearly standard capacity products at an interconnection point for each incremental technical solution.
- zz) Partial Expansion Project** means the expansion project described in paragraph (c) under Section A.2 above.
- aaa) Participant** means an Applicant that is considered compliant by TSOs Concerned (in accordance with Section E.1) with the requirements for registration process and to further participate in the next phases of each Binding Phase (Bid Submission Window, Capacity Allocation, signature of GTAs).
- bbb) Permitted Delay** has the meaning given to it in the Transportation Confirmation.
- ccc) Post-Bid Guarantee** has the meaning given to it in Section E.7.
- ddd) Reserve Price** shall equal the sum of the Reference Prices set by TAP (TAP Tariff), SRG and DESFA [*referred in EU NC TAR*].
- eee) Reference Price** means the price for a capacity product for firm capacity of duration of one year at one IP.
- fff) Registered Parties** has the meaning given to it in Section E.1 above.
- ggg) Revised Estimated Operating Date** or **REOD** has the meaning given to it in the Transportation Confirmation.
- hhh) TAP Credit Support Criteria** means the requirements set by TAP as defined in the GTA made available with the Joint Notice (TAP Section).
- iii) TAP Target Revenue** means the annual revenue stream, required to achieve the TAP target IRR by the end of the Recovery Period, as may be recalculated upon an Expansion pursuant to Clause 3.3.3 of the TAP Tariff Code and as further defined in the TAP Tariff Code.
- jjj) TAP Tariff** has the meaning given to it in the TAP Tariff Code.
- kkk) TAP Tariff Code** or **Tariff Code** means the tariff code available at <https://www.tap-ag.com/shippers/tariff-information>
- lll) Termination Costs** means the actual costs, expenses and losses (including demobilization, subcontractor breakage fees and cancellation fees) incurred or committed by TAP in connection with the Expansion Project.
- mmm) Termination Cost Estimate** or **TCE** has the meaning given to it in Section E.7.
- nnn) Transportation System** means any natural gas pipeline system, including pipes above and below ground and all other related equipment owned, or used and operated, by a TSO in order to provide natural gas transportation services.
- ooo) Transportation Confirmation** shall mean a transportation confirmation in the form provided with the Joint Notice issued by each TSO.
- ppp) TSOs Concerned** means TAP and SRG for the IPs of Melendugno, TAP and DESFA for the IP of Nea Mesimvria, and TAP only for the other IPs and exit points.
- qqq) TSO** means transmission system operator, being TAP, SRG and DESFA (as relevant).

Annex III – Competing Procedure in SRG’s system

The incremental Capacity process related to the TAP Expansion foresees the application of an alternative allocation mechanism in substitution of the regular auctions foreseen by CAM NC at art.29. In particular, the mechanism establishes that the Binding Phase starts on the 16th of January with a submission window for the binding bids that lasts 7 days (16th January-22th January 2023).

Considering that the Interconnection Point (IP) of Melendugno, subject to the expansion process, is in competing with the IPs of Mazara and Gela, it is necessary to manage the multi-yearly capacity bids starting from 2025/26 for offer levels 1, 2026/27 for offer level 2 and 2027/28 for offer level 3 outside the regular auction procedure foreseen in par. 3.2.3 of Chapter 5 of the SRG Network Code, as hereunder described.

Participation requirements – Melendugno IP

The Participants interested in buying multi-yearly capacity on Melendugno IP will need to satisfy the requirements indicated to the SRG section of the above paragraphs E.1 and E.7.

Participation requirements – Mazara and Gela IPs

The Participants interested in buying multi-yearly capacity on Gela and Mazara IPs will need to satisfy the following requirements:

- possess a signed Transportation Contract with SRG
- have submitted the appropriate “First Guarantee”: a guarantee cashable at first request, issued by an Italian financial institute or Italian insurance company or Italian branch of a foreign bank or foreign insurance company with a minimum credit rating of BBB- at Standard and Poor’s or Fitch Ratings, Baa3 at Moody’s or BBB low at DBRS or a non-interest-bearing security deposit, respectively equal in value to 20% of the maximum annual capacity charge (including a potential auction premium as described below) of the capacity they intend to request and with an expiry date no earlier than 15/08/23 within the 15th January 2023.
- possess the requirements in letters c), d) and e) of paragraph 1.1.1 of Chapter 5 of the SRG Network Code
- comply with the conditions referred to in paragraphs 1.4 and 9.1 of Chapter 5 of the SRG Network Code

In the event of successful allocation of capacity, as a requirement under the relevant GTA, the Participant shall present to SRG, by 15th February 2023, the “Contract Guarantees”: two Bank Guarantees), cashable at first request, issued by an Italian financial institute or Italian insurance company or Italian branch of a foreign bank or foreign insurance company with a minimum credit rating of BBB- at Standard and Poor’s or Fitch Ratings, Baa3 at Moody’s or BBB low at DBRS or a non-interest-bearing security deposit, respectively equal in value to the amount required in SRG Network Code (Chapter 5 Paragraph 1.3.4 and 1.3.5). The Contract Guarantees shall remain valid for the entire duration of the relevant GTA, with an expiry date at the end of the sixth month following the end of the relevant GTA. Once the Contract Guarantees described here above will be presented to SRG, the First Guarantee will be returned.

If the Participant does not issue the Contract Guarantees above described (SRG Network Code Chapter 5 Paragraph 1.3.4 and 1.3.5) within the 15th February 2023, it shall pay a fee to SRG equal to the value of the First Guarantee and the contract will be void.

Competing mechanism

The bids need to be submitted during the bid submission window (16th January-22th January 2023) through the templates published on SRG website⁵². As a basic rule, in a single bid, Participants must specify the same value of capacity for all the gas years requested. A bid may however indicate a ramp-up over the first two years of the period to which the bid relates, with a minimum value of capacity of 40% for the first gas year and 70% for the second gas year. Should Participants wish to profile their capacity request further, then they should submit separate bids.

Consistently with the current tariff regulatory framework, SRG considers applying a floating reference price. For the purpose of the economic test and the presentation of the Bank Guarantees, this has been estimated equal to:

- Mazara 3.426030 €/year/Smc/day equivalent to 0.30926390 €/year/kWh/day
- Gela 3.142308 €/year/Smc/day equivalent to 0.28702165 €/year/kWh/day
- Melendugno
 - o 2.247812 €/year/Smc/day equivalent to 0.20244374€/year/kWh/day for Offer level 1 in the first year of expected operation;
 - o 2.203111 €/year/Smc/day equivalent to 0.19841785€/year/kWh/day for Offer level 2 in the first year of expected operation;
 - o 2.144981 €/year/Smc/day equivalent to 0.19318251 €/year/kWh/day for Offer level 3 in the first year of expected operation;

The reserve prices are intended to be equal to the regulated tariffs as approved by the Italian Regulatory Authority for Energy, Networks and Environment and updated on yearly bases. The Participants may also indicate an auction premium that they would like SRG to consider in addition to the reserve price to strengthen their Bid Ranking.

Bid Ranking

In case the overall capacity requests for the three involved IPs of Mazara, Gela and Melendugno are lower than the constraint published on SRG website⁵³, the requested capacity will be totally allocated to the Participants.

In case the overall capacity requests for the three involved IPs of Mazara, Gela and Melendugno are higher than the constraint published on SRG website, the auction premia indicated in the bids will be used by SRG to rank the bids. Specifically, this rank will be executed starting from the ratio of the NPV⁵⁴ of the hypothetical revenues on the SRG system generated by the premium of each bid divided by the maximum annual capacity of the bid. Requests lower than 3 consecutive years will be allocated to the extent that there is remaining capacity available in the relevant year. On the basis of the indication received by the Participant in the request, SRG will eventually proceed with partial allocation according to the Bid Ranking.

It is understood that the Participants are bound to pay a capacity fee equal to the regulated tariffs as approved by the Italian Regulatory Authority for Energy, Networks and Environment and updated on yearly bases plus the premium indicated in each of their request.

EVT on Melendugno

⁵² Link INFORMATION PHASE

⁵³ LINK PUBBLICAZIONI

⁵⁴ The discount rate is assumed to be equal to the regulatory WACC currently in place, expressed in nominal terms pre-tax.

Following the application of the above-described mechanism, the successful bids on Melendugno IP will be shared with TAP in order to re-run the EVT. In case of a positive EVT, capacity will be allocated to the Participants whereas in case of a negative EVT, the requests will be curtailed to the lower Offer Level with a positive EVT. In this case, if the overall assigned capacity following the curtailment on Melendugno IP, is lower than the capacity constraint, generating new available capacity on Mazara and Gela IPs, SRG will proceed with its allocation to fulfil the partial assignment, if any, according to the Bid Ranking.

Ακριβές Αντίγραφο

ΔΙΕΥΘΥΝΣΗ ΡΥΘΜΙΣΗΣ ΚΑΙ ΕΠΟΠΤΕΙΑΣ ΕΝΕΡΓΕΙΑΚΩΝ ΑΓΟΡΩΝ ΧΟΝΔΡΙΚΗΣ ΚΑΙ ΔΙΕΘΝΩΝ ΔΙΑΣΥΝΔ

Θάνος Γιώργος