

GDOP 15 – Distribution Business Requests to Amend Green Deal Plans

Document Control

Version	Status	Author	Release Date	Reason for release
1.0	FINAL	MRA Green Deal Project	02/07/2012	Baseline technical requirements for requests from the Distribution Business to amend the end dates of Green Deal Plans to allow de-registration in MPAS to take place.
2.0	FINAL	MRA Green Deal Project	23/07/2012	Revised baseline
3.0	FINAL	Dan Cantle, Paul McDowell	15/02/2013	Updated baseline for GDCC R02.0
3.1	DRAFT	Dan Cantle, Paul McDowell	11/04/2013	Updated to align with confirmed requirements for GDCC release R04.0, issued for comment
4.0	APPROVED	Dan Cantle	14/05/2013	Baseline requirements for release R04.0 issued as approved.
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Document Purpose

This document provides a technical overview of the GDCC and associated functionality required to support the GDCC Green Deal Market Scenarios (GDMS) as defined within the *MRA Agreed Procedure for the Green Deal Central Charge Database* (“MAP 18”).

For the avoidance of doubt, this document is not maintained under the governance of the MRA Change Process, but rather is under the control of the MRASCo Central Administration Service (CAS) for use in the development and testing of GDCC solutions and as such forms part of the agreed GDCC User Requirements Specification for the GDCC release R12.0 baseline.

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Summary

This scenario covers (from a GDCC perspective) the process by which a Distribution Business may request an amendment to a Green Deal Plan. This may occur in two scenarios:

- Where a service removal has taken place, or is due to take place, and there is a resultant need for the GD Provider to update the GD Plan Actual End Date associated to the affected Green Deal Plan record in the GDCC in order to allow for the de-registration of the relevant MPAN in MPAS; and
- Where a service alteration has taken place, or is due to take place, there may be a need for the Green Deal Licensee to associate a revised **Green Deal MPAN Core** with the affected Green Deal Plan record in the GDCC in order to allow for the de-registration of the previous **Green Deal MPAN Core** in MPAS.

Where the Distribution Business sends a D0327, containing a **Requested New GD Plan End Date Reason Code** of 'P' 'R' or 'X', the resultant request to the GD Provider will be processed under the GDOP 08 *GD Provider Updates to Green Deal Charge Details* process.

In cases where the Distribution Business sends a D0327 containing a **Requested New GD Plan End Date Reason Code** of 'E' or 'S', the resultant request to the Green Deal Licensee will be processed under the GDOP 16 *Requests to Change the MPAN Core Associated with a Green Deal Plan record* process.

This process includes the following:

- A specific request from the Distribution Business to end date the association between the Green Deal Plan record and the **Green Deal MPAN Core**, and onward communication of any such changes to the Green Deal Licensee or GD Provider from the GDCC;
- Validation of the request by the GDCC; and
- GDCC responses to the Distribution Business for both successful and unsuccessful data update requests.

The following pre-requisites apply to the use of this process:

- The Green Deal Plan record has a status of 'PENDING' or 'LIVE' in the GDCC;
- The **GD MPAN EFD** in MPAS is less than the **Requested New GD Plan End Date** from the Distribution Business; and

- The **GD MPAN ETD** in MPAS is greater than the **Requested New GD Plan End Date** from the Distribution Business.

The following DTN data flows are used within this process:

- D0318 Response from GDCC to Distributor
- D0327 Request Green Deal Plan End Date Amendment

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Market Process Scenario

The process steps within this scenario are aligned to those in the accompanying process workflow. A list of reject codes is also provided cross-referenced to the market scenario

Step	Activity	Input Step	Output Step
1.1	<p>Where the Distribution Business identifies a need to amend the end date of the Green Deal Plan, and the relevant Green Deal MPAN Core has a GD MPAN EFD and GD MPAN ETD in MPAS that are either side of the required revised end date, they should generate a D0327 data flow to the GDCC. This data flow should contain the following:</p> <ul style="list-style-type: none"> a) The Green Deal MPAN Core affected; b) A unique Party Instruction Number; c) The Requested New GD Plan End Date, which should be at least five (5) Working Days after the date that the D0327 data flow is deemed to be received by the GDCC; and d) The appropriate Requested New GD Plan End Date Reason Code. <p>Where the Requested New GD Plan End Date Reason Code provided is 'P', 'R', or 'X' the request will be processed under the GDOP 08 <i>GD Provider Updates to Green Deal Charge Details</i> process,</p> <p>If a Requested New GD Plan End Date Reason Code of 'E' or 'S' is used, the request will be processed under the GDOP 16 <i>Requests to Change the MPAN Core Associated with a Green Deal Plan Record</i> process.</p>	STARTS	1.2
1.2	The GDCC processes the incoming D0327 data flow and updates logs and records accordingly	1.1	2.1

Step	Activity	Input Step	Output Step
2.1	<p>The GDCC will carry out basic internal checks against the data received, these will determine that:</p> <ul style="list-style-type: none"> a) All mandatory fields are present; b) The Green Deal MPAN Core is recognised; c) The Party Instruction Number is unique for the party sending the instruction; d) A valid Requested New GD Plan End Date Reason Code is included; e) The Green Deal MPAN Core provided is associated with at least one Green Deal Plan record at a status of 'PENDING' or 'LIVE'; for the Requested New GD Plan End Date; f) The Distribution Business MPID is both valid and associated with the appropriate role in GDMD for the effective date of the proposed Green Deal Plan record update(s);and g) The requested revised end date is: <ul style="list-style-type: none"> 1) at least five (5) Working Days from the date the flow was received by the GDCC; and 2) Less than the existing GD Plan Actual End Date. 	1.2	3.1
3.1	<p>Where the request passes validation at step 2.1, the GDCC will carry out checks against ECOES to confirm that the associated Green Deal MPAN Core:</p> <ul style="list-style-type: none"> a) Is not associated to an export supply (which is derived in ECOES by the Line Loss Factor Class applied in MPAS); b) Has a status of 'Traded'; c) Is registered to an Electricity Supplier who is a Green Deal Licensee; d) Is not 'in flight' between Suppliers (that is, where a Registration Request has been received and accepted within the previous ten (10) Working Days); and e) Does not have a future registration to a Supplier who is not a Green Deal Licensee. 	2.1	5.1 (PASS) OR 4.1 (FAIL)
4.1	<p>Where exceptions are captured, the GDCC will record these and generate a D0318 data flow to the Distribution Business containing details of all exceptions captured at the relevant process step.</p> <p>Where this occurs, the request will not be processed and the GD Plan Actual End Date and associated data in MPAS will remain unaltered.</p>	2.1 or 3.1 or 6.1	END

Step	Activity	Input Step	Output Step
5.1	<p>Where the incoming D0327 data flow has passed validation under this process, the GDCC will determine which process the request has to be processed under, and either:</p> <ul style="list-style-type: none"> a) Where the Requested New GD Plan End Date Reason Code provided is 'P', 'R', or 'X' generate a request to the GD Provider(s) who have responsibility for Green Deal Plans that are associated to the Green Deal MPAN Core received and are at a status of 'PENDING' or 'LIVE'; or b) Where the Requested New GD Plan End Date Reason Code provided is 'E', or 'S' Generate a request to the Green Deal Licensee who will need to request an amendment to the Green Deal MPAN Core associated to the affected Green Deal Plan record(s). <p>Requests to the GD Provider will be processed under the GDOP 08 <i>GD Provider Updates to Green Deal Charge Details</i> process,</p> <p>Requests to the Green Deal Licensee will be processed under the GDOP 16 <i>Requests to Change the MPAN Core Associated with a Green Deal Plan record</i> process.</p>	3.1	6.1
6.1	<p>On completion of the relevant process, the GDCC will receive confirmation of the outcomes via either:</p> <ul style="list-style-type: none"> (a) a D0320 from the GD Provider; or (b) a D0341 from the Green Deal Licensee. <p>As set out in the relevant processes.</p> <p>The Distribution Business will be informed of the outcome via a D0318 data flow as set in step 4.1 (for a fail) or step 7.1 (for a pass).</p>	5.1	7.1 (PASS) OR 4.1 (FAIL)
7.1	<p>On receipt of the D0318 data flow confirming successful completion of the requested actions, the Distribution Business will update their internal records and may progress the de-registration of the Green Deal MPAN Core.</p>	6.1	ENDS

GDCC and Party Response Codes used in the Scenario

Step	Event	Flow	Response Code Generated	Flow
2.1	Not all Mandatory fields are populated	D0327	301 Not all mandatory data provided	D0318
	The Green Deal Plan MPAN Core is not recognised by the GDCC		317 Green Deal MPAN Core not found	
	The Green Deal Plan is not at 'PENDING' or 'LIVE' status.		320 Green Deal Plan not at correct status	
	The reason code provided is not in the valid set.		327 Invalid reason code provided	
	The MPAN is not associated with any Green Deal Plan at a 'PENDING' or 'LIVE' status for the Requested New GD Plan End Date requested i.e. a change of MPAN has occurred		335 MPAN Core not associated with Green Deal Plan record for ETD requested	
	The requested amended Green Deal Plan Actual end Date is not less than that already stored in the GDCC.		336 Requested end date not less than existing	
	The Party Instruction Number provided is a duplicate for the party sending the flow		350 Invalid Party Instruction Number	
	The Requested New GD Plan End Date is less than 5 Working Days in the future.		360 Invalid GD Plan Actual End Date requested	
The Combination of MPID and Market Participant Id for the sender is not valid in GDMD for the EFD of the incoming transaction	367 Combination of MPID and Market Role Id not valid in GDMD for Sender for EFD			
3.1	LLFC is for an export meter according to ECOES	D0327	312 MPAN Core LLFC not valid for import meter	D0318
	MPAN not 'traded' (i.e. not live and registered to a Supplier)		341 MPAN Core not at correct registration status	
	Supplier for MPAN is not a Green Deal Licensee in GDCC		314 Supplier not Green Deal Licensee	
	The MPAN is 'in-flight' between Suppliers		341 MPAN Core not at correct registration status	
	The requested End Date for the Green Deal Plan would lead to a validation failure in MPAS due to overlapping effective dates		354 Invalid GD MPAN Core ETD	
A future registration exists to a Supplier who is not a Green Deal Licensee	361 Future Registration to Supplier who is not Green Deal Licensee			
4.1	Errors as per incoming transactions from Step 6.1		Error Codes as per incoming flow(s)	D0318
7.1	Request completed successfully, changes made to Green Deal Plan record	D0318	101 Request processed successfully.	D0318

Market Process Scenario Workflow

