

## GDOP 07 – GD Provider Updates to Green Deal Plan Data

### Document Control

Version	Status	Author	Release Date	Reason for release
1.0	FINAL	MRA Green Deal Project	02/07/2012	Baseline technical requirements for the updating of Green Deal Plan Data not generally directly related to Green Deal Charges
2.0	FINAL	MRA Green Deal Project	23/07/2012	Revised baseline
3.0	FINAL	Dan Cattle, Paul McDowell	15/02/2013	Updated baseline for GDCC R02.0
3.1	DRAFT	Dan Cattle	10/04/2013	Updated to align with confirmed requirements for GDCC release R04.0, issued for comment
4.0	APPROVED	Dan Cattle	14/05/2013	Baseline requirements for release R04.0 issued as approved.
5.0	APPROVED	Andy Bard	22/11/2013	Baseline requirements for release R05.0 issued as approved.
6.0	APPROVED	Andy Bard	02/01/2014	Baseline requirements for release R06.0 issued as approved.
7.0	APPROVED	Andy Bard	23/07/2014	Baseline requirements for release R07.0 issued as approved.
8.0	APPROVED	Alex Tear	04/12/2014	Baseline requirements for release R08.0 issued as approved.
9.0	APPROVED	Andy Bard	30/07/2015	Baseline version for release R09.0
10.0	APPROVED	Alex Tear	25/02/2016	Baseline version for release R10.0
11.0	APPROVED	Gary Bilton	30/06/2016	Baseline version for release R11.0
12.0	APPROVED	Gary Bilton	03/11/2016	Baseline version for release R12.0

### 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.

APPROVED

## Summary

This scenario covers (from a GDCC perspective) the process for the updating of data (other than charging data) associated to a Green Deal Plan record in the GDCC. As such, it includes:

- A request from the GD Provider to update Green Deal Plan record details on the GDCC.
- Validation of the request by the GDCC, and subsequent updates to records where the request is valid; and
- GDCC responses to the GD Provider for both successful and unsuccessful data update requests.

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

- The update relates to either:
  - A Green Deal Plan record at a status of 'NEW' in the GDCC, where the Green Deal Licensee has rejected the account details provided, but the Green Deal MPAN Core is valid;
  - A Green Deal Plan record at a status of 'PENDING' in the GDCC, where a rejection has been returned by the GDCC; or
  - The need to update Default Bill Payer Details for a Green Deal Plan record with a status of 'NEW', 'PENDING' or 'LIVE' in the GDCC;
- The GD Provider has obtained all necessary information required to populate the data flows involved in the process.

The following DTN data flows are used within this process:

- D0321          GD Provider Update to Plan Information
- D0344          Response from GDCC to GD Provider

## 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>The GD Provider generates an D0321 data flow to the GDCC containing:</p> <ul style="list-style-type: none"> <li>a) The <b>GD Plan ID</b>;</li> <li>b) A unique sequential <b>Party Instruction Number</b>; and</li> <li>c) The <b>GD Provider Update Reason Code</b> set to 'U';</li> </ul> <p>Other data items that require updating in the GDCC should also be included, noting that <b>only</b> items that are changing should be included. These items may include the following,</p> <ul style="list-style-type: none"> <li>d) Default Bill Payer details:               <ul style="list-style-type: none"> <li>1) <b>Default Bill Payer Name</b>;</li> <li>2) <b>Company Registration Number</b> (where a corporate entity);</li> <li>3) Full Address Details;</li> <li>4) <b>Default Bill Payer Contact Telephone Number</b> details;</li> <li>5) An <b>Overseas Address Indicator</b> where required; and</li> <li>6) The <b>GD Default Bill Payer - EFD</b></li> </ul> </li> </ul> <p>In addition to the above, for Green Deal Plan records where the status is at 'NEW' or 'PENDING' and the Green Deal Licensee has rejected previously provided data, the following may be populated where new values are required:</p> <ul style="list-style-type: none"> <li>a) The Bill Payers <b>Electricity Account Number</b>; and</li> <li>b) The <b>GD Customer Site Reference</b>, if provided.</li> </ul>	STARTS	1.2
1.2	The GDCC processes the incoming D0321 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"> <li>a) All mandatory fields are present;</li> <li>b) All data provided is within the agreed parameters and in expected formats;</li> <li>c) The <b>Party Instruction Number</b> is unique for the party sending the instruction;</li> <li>d) The <b>GD Plan Id</b> is recognised;</li> <li>e) The party sending the request is the GD Provider associated to the Green Deal Plan record in the GDCC;</li> <li>f) The Green Deal Plan record has a status of 'NEW', 'PENDING' or 'LIVE';</li> <li>g) If the <b>Electricity Account Number</b> is populated in the incoming D0321 data flow, the Green Deal Plan record is at a status of 'NEW' or 'PENDING';</li> <li>h) The Green Deal Plan record is in a state where an update can be processed i.e. another change is not already being processed; and</li> <li>i) The <b>GD Provider MPID</b> is both valid and associated with the appropriate role in GDMD for the effective date of the proposed Green Deal Plan record update(s).</li> </ul> <p><b>NOTE:</b> <i>The data received in the D0321 is appropriate to the status of the Green Deal Plan, i.e. where the Green Deal Plan record is at a status of 'NEW' or 'PENDING' a <b>GD Provider Update Reason Code</b> of 'U' is used. Only relevant associated data related to the <b>Electricity Account Number</b> and (if present), <b>GD Customer Site Reference</b> should be populated.</i></p>	1.2	3.1 (FAIL) OR 4.1 (PASS)
3.1	Where exceptions are captured, the GDCC will record these and generate a D0344 data flow to the GD Provider containing details of all exceptions captured for the stage at which the exceptions occurred.	2.1 or 3.1	3.2
3.2	Where the Data fails validation and an exception is reported, the GD Provider will need to determine the reason for the rejection and obtain revised information as required in order to re-commence this process as appropriate.	3.1	ENDS
4.1	<p>Where the request passes validation, the Green Deal Plan record in the GDCC will be updated as required, with any new or amended Green Deal Plan data added to the record.</p> <p>The date of the transaction will be assumed to be the effective date of any new or changed data received.</p>	3.1	5.1.

Step	Activity	Input Step	Output Step
5.1	The GDCC will determine where a need to generate a revised D0319 data flow exists as set out in the GDOP 01 <i>The Creation of a New Green Deal Plan Record in the GDCC</i> process.	4.1	5.2.1(D0319 REQUIRED) OR 5.2.2(NO D0319 REQUIRED)
5.2.1	Where the Green Deal Licensee has previously indicated data issues on a response to a D0319 data flow as set out in the GDOP 01 <i>The Creation of a New Green Deal Plan Record in the GDCC</i> process, and the GD Provider has submitted revised information via this process, the GDCC will generate a D0319 data flow as set out in that process	5.1	END
5.2.2	Where there is no requirement to generate a D0319 data flow under the GDOP 01 <i>The Creation of a New Green Deal Plan Record in the GDCC</i> process, the GDCC will continue processing within this process.	5.1	6.1
6.1	A D0344 data flow will be generated to the GD Provider confirming that the requested update(s) have been successful. On receipt of the D0344 data flow, the GD Provider will be in a position to update their systems, accordingly.	5.2.2	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	D0321	301 Not all mandatory data provided	D0344
	The GD Plan Id is not recognised		319 GD Plan ID invalid	
	The Green Deal Plan is not at a 'NEW', 'PENDING' or 'LIVE' status		320 Green Deal Plan not at correct status	
	The Default Bill Payer Details provided are not complete (e.g. missing name)		323 Invalid Default Bill Payer details	
	The update reason code provided is not in the valid set		327 Invalid reason code provided	
	The party sending the request is not the GD Provider associated to the Green Deal Plan in the GDCC		339 Green Deal Plan not associated to GD Provider	
	The Party Instruction Number provided is a duplicate for the party sending the flow		350 Invalid Party Instruction Number	
	An update to information has been sent prior to the initial D0321 being processed.		357 Update attempted before initial data population	
	Data other than that in Groups 94G and 97G populated where the <b>GD Provider Update Reason Code of 'U' is used</b> and the Green Deal Plan is at a status of 'NEW' or 'PENDING'		357 Update attempted before initial data population	
	The data provided includes <b>Electricity Account Number</b> or <b>GD Customer Site Reference</b> where the Green Deal Plan is at a status of 'LIVE'		356 Data provided not permitted for current Green Deal Plan record Status	
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			
6.1	Request processed successfully and Green Deal Plan data updated	D0321	101 Request processed successfully	D0344

## Market Process Scenario Workflow

